

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	1000597-52-3	Solvents, halogenated		0.1%	R	Yes
Quaternary ammonium compounds, [2-[[2-[(2-carboxyethyl)(2-hydroxyethyl)amino]ethyl]amino]-2-oxoethyl]coco alkyldimethyl, hydroxides, inner salts	100085-64-1	Biocides, non-agricultural		0.1%	P	No
Barium nitrate	10022-31-8	Metals, non-essential		0.1%	D	No
Cadmium nitrate (Nitric acid cadmium salt tetrahydrate (Cd ₁₀ O ₃₆ ·4H ₂ O))	10022-68-1	Metals, non-essential		0.01%	P	No
Sodium [4-[[6-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-1-hydroxy-3-sulpho-2-naphthyl]azo]-3-hydroxy-7-nitronaphthalene-1-sulphonato(4-)]cobaltate(1-)	100231-59-2	Metals		0.1%	D	No
Dibutyltin	1002-53-5	Metals, non-essential		0.1% by weight of tin	P	No
Strychnidin-10-one, arsenite (1:1)	100258-44-4	Metals, non-essential		0.01%	R	No
Cobalt(II) fluoride	10026-17-2	Metals		0.1%	D	No
Cobalt fluoride (CoF ₃)	10026-18-3	Metals		0.1%	D	No
Cobalt nitrate	10026-22-9	Metals		0.1%	D	No
Cobalt(2+) selenite	10026-23-0	Metals		0.1%	D	No
Cobalt sulfate heptahydrate	10026-24-1	Metals		0.1%	D	No
Nickel fluoride (NiF ₂)	10028-18-9	Metals		0,5 µg/cm ² /week	R	No
Cobalt distearate	1002-88-6	Metals		0.1%	D	No
Lead arsenite	10031-13-7	Metals, non-essential		0.1%	P	No
Mercury bromide (HgBr)	10031-18-2	Metals, non-essential		0.1%	P	No
Lead bromide (PbBr ₂)	10031-22-8	Metals, non-essential		0.1%	P	No
Calcium nitrite hydrated	10031-34-2	Unclassified		0.1%	D	No
Magnesium perchlorate	10034-81-8	Propellant		0.1%	R	No
Di-n-octyltin bis(2-ethylhexyl maleate)	10039-33-5	Metals, non-essential		0.1% by weight of tin	P	No
Hydroxylamine sulfate	10039-54-0	Intermediate	catalyst	0.1%	D	No
Cadmium chloride phosphate (Cd ₅ Cl(PO ₄) ₃), manganese-doped	100402-53-7	Metals, non-essential		0.01%	P	No
Nitric acid, copper(2+) salt, reaction products with ammonia, chromic acid (H ₂ CrO ₄) diammonium salt and manganese(2+) dinitrate, kilned	100402-65-1	Metals, non-essential		0.1%	P	No
Silicic acid (H ₂ SiO ₃), calcium salt (1:1), lead and manganese-doped	100402-96-8	Metals, non-essential		0.1%	P	No
4-Vinylcyclohexene	100-40-3	Unclassified		0.1%	D	No
Ethylbenzene	100-41-4	Solvents	fuel	0.01%	D	No
Styrene	100-42-5	Intermediate, monomers	residual monomer in ABS	0.01%	D	No
Boric acid	10043-35-3	Flame retardant	insulation	0.1%	P	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzyl chloride	100-44-7	Intermediate	colouring agent	0.1%	R	No
Mercuric nitrate	10045-94-0	Metals, non-essential		0.1%	P	No
Disodium hydrogen arsenate (Arsenic acid (H ₃ AsO ₄), disodium salt, heptahydrate)	10048-95-0	Metals, non-essential		0.01%	R	No
Barium tetraiodomercurate	10048-99-4	Metals, non-essential		0.1%	P	No
Antimonate, sodium, monohydrate	10049-22-6	Metals, non-essential		0.1%	D	No
Benzyl alcohol	100-51-6	Solvents	ink	0.01%	D	No
4-Heptylphenol, branched and linear	100532-36-3	Unclassified		0.1%	R	Yes
Phenylmercury chloride	100-56-1	Metals, non-essential		0.1%	P	No
Phenylmercuric hydroxide	100-57-2	Metals, non-essential		0.1%	P	No
Calcium chromate	10060-08-9	Metals, non-essential		0.1%	P	No
N-Methylphenylamine	100-61-8	Intermediate	dye	0.1%	D	No
Lead, dross, vanadium-zinc-containing	100656-49-3	Metals, non-essential		0.1%	P	No
Flue dust, copper-lead blast furnace, cadmiumindium-enriched	100656-55-1	Metals, non-essential		0.01%	P	No
N-Nitrosopiperidine	100-75-4	Impurities	rubber	0.1%	R	No
Hexamethylenetetramine (Polyamine Curing Agent)	100-97-0	Intermediate	bactericide	0.1%	D	No
Slimes and Sludges, copper electrolytic refining, decopperized, arsenic-rich	100995-81-1	Metals, non-essential		0.01%	R	No
Lead nitrate	10099-74-8	Metals, non-essential		0.1%	P	Yes
Lead(II) silicate	10099-76-0	Metals, non-essential		0.1%	P	No
Lead vanadate	10099-79-3	Metals, non-essential		0.1%	P	No
Dodecanoic acid, cadmium salt, basic	101012-89-9	Metals, non-essential		0.01%	P	No
Lead, isodecanoate naphthenate complexes, basic	101012-92-4	Metals, non-essential		0.1%	P	No
Octadecanoic acid, cadmium salt, basic	101012-93-5	Metals, non-essential		0.01%	P	No
Octadecanoic acid, 12-hydroxy-, cadmium salt, basic	101012-94-6	Metals, non-essential		0.01%	P	No
Lead, isooctanoate neodecanoate complexes	101013-06-3	Metals, non-essential		0.1%	P	No
Phosphoric acid, cobalt(2+) salt (2:3), hydrate	10101-56-1	Metals		0.1%	D	No
Cobalt tungsten oxide (CoWO ₄)	10101-58-3	Metals		0.1%	D	No
Lead iodide	10101-63-0	Metals, non-essential		0.1%	P	No
Nickel(2+) selenite	10101-96-9	Metals		0,5 µg/cm ² /week	R	No
Nickel sulfate hexahydrate	10101-97-0	Metals		0,5 µg/cm ² /week	R	No
Sulfuric acid, nickel(2+) salt (1:1), heptahydrate	10101-98-1	Metals		0,5 µg/cm ² /week	R	No
Triphenylphosphite	101-02-0	Intermediate	diluent	0.01%	D	No
Sodium-selenite	10102-18-8	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead arsenate (Pb ₃ (AsO ₄) ₂)	10102-48-4	Metals, non-essential		0.1%	P	No
Ferric arsenate	10102-49-5	Metals, non-essential		0.01%	R	No
Ferrous arsenate	10102-50-8	Metals, non-essential		0.01%	R	No
Metaarsenic acid	10102-53-1	Metals, non-essential		0.01%	R	No
Magnesium arsenate	10103-50-1	Metals, non-essential		0.01%	R	No
Arsenic acid (H ₃ AsO ₄), copper salt	10103-61-4	Metals, non-essential		0.01%	R	No
Calcium arsenate	10103-62-5	Metals, non-essential		0.01%	R	No
Cadmium chloride	10108-64-2	Pigments	colouring agent	0.01%	P	Yes
Mercury chloride	10112-91-1	Metals, non-essential		0.1%	P	No
4,4'-Methylenebis (2-chloraniline)	101-14-4	Amines	antioxidant	0.01%	P	Annex XIV
Potassium sulphite	10117-38-1	Biocides, non-agricultural		0.1%	P	No
Cadmium sulfate	10124-36-4	Pigments	paint	0.01%	P	Yes
Cobalt sulfate	10124-43-3	Corrosion inhibitors	coating	0.1%	R	Yes
Mercury ammonium chloride	10124-48-8	Metals, non-essential		0.1%	P	No
Potassium arsenite	10124-50-2	Metals, non-essential		0.01%	R	No
Cadmium oxide (CdO), solid solution with calcium oxide and titanium oxide (TiO ₂), praseodymium-doped	101356-99-4	Metals, non-essential		0.01%	P	No
Cadmium selenide (CdSe), solid solution with cadmium sulfide, zinc selenide and zinc sulfide, aluminum and copper-doped	101357-00-0	Metals, non-essential		0.01%	P	No
Cadmium selenide (CdSe), solid solution with cadmium sulfide, zinc selenide and zinc sulfide, copper and manganese-doped	101357-01-1	Metals, non-essential		0.01%	P	No
Cadmium selenide (CdSe), solid solution with cadmium sulfide, zinc selenide and zinc sulfide, europium-doped	101357-02-2	Metals, non-essential		0.01%	P	No
Cadmium selenide (CdSe), solid solution with cadmium sulfide, zinc selenide and zinc sulfide, gold and manganese-doped	101357-03-3	Metals, non-essential		0.01%	P	No
Cadmium selenide (CdSe), solid solution with cadmium sulfide, zinc selenide and zinc sulfide, manganese and silver-doped	101357-04-4	Metals, non-essential		0.01%	P	No
2,4,6-Triallyloxy-1,3,5-triazine	101-37-1	Unclassified		0.01%	D	No
Cobalt dinitrate	10141-05-6	Corrosion inhibitors	coating	0.1%	R	Yes
N-[[[4-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-fluorophenyl]amino]carbonyl]-2,6-difluoro- benzamide	101463-69-8	Biocides, non-agricultural		0.0001%	R	No
4-Bromodiphenyl ether (PBDE)	101-55-3	Flame retardant	electronics	0.1%	P	No
4,4'-Methylenebis[N,N-dimethyl-benzenamine]	101-61-1	Amines		0.1%	R	Yes
Methylene diphenyl diisocyanate (MDI)	101-68-8	Intermediate, monomers	foam	0.01%	D	No
N-(1-Methylethyl)-N'-phenyl-1,4-benzenediamine	101-72-4	Amines		0.1%	D	No
4,4'-Diaminodiphenylmethane (MDA)	101-77-9	Amines	adhesive	0.01%	P	Annex XIV
4,4'-Oxydianiline	101-80-4	Amines	antioxidant	0.1%	R	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Dicyclohexylamine	101-83-7	Amines	additive	0.1%	D	No
Sodium hydrogen 2,2-methylenebis[4-chlorophenolate]	10187-52-7	Biocides, non-agricultural		0.1%	P	No
Lead molybdate red	10190-55-3	Pigments	colouring agent	0.1%	P	No
Dibutyltin dimaleate	10192-92-4	Metals, non-essential		0.1% by weight of tin	P	No
Tetradecanoic acid, cadmium salt	10196-67-5	Metals, non-essential		0.01%	P	No
Benzoic acid, 4-(1,1-dimethylethyl)-, barium salt	10196-68-6	Metals, non-essential		0.1%	D	No
1,3-Diphenylguanidine (DPG)	102-06-7	Unclassified		0.01%	D	No
Bis(pentane-2,4-dionato-O,O')beryllium	10210-64-7	Metals, non-essential		0.1%	R	No
Cobalt carbonyl	10210-68-1	Metals		0.1%	D	No
Arsenic acid (H ₃ AsO ₄), magnesium salt, manganese-doped	102110-21-4	Metals, non-essential		0.01%	R	No
Cadmium oxide (CdO), solid solution with magnesium oxide, tungsten oxide (WO ₃) and zinc oxide	102110-30-5	Metals, non-essential		0.01%	P	No
Silicic acid, calcium salt, lead and manganese-doped	102110-36-1	Metals, non-essential		0.1%	P	No
Residues, copper-iron-lead-nickel matte, sulfuric acid-insol.	102110-49-6	Metals, non-essential		0.1%	P	No
Slimes and Sludges, copper-lead ore roasting off gas scrubbing, arsenic-contg	102110-62-3	Metals, non-essential		0.01%	R	No
Boric acid (HBO ₂), lead(2+) salt, monohydrate (8Cl, 9Cl)	10214-39-8	Metals, non-essential		0.1%	P	No
Silicic acid, zirconium salt, cadmium pigment-encapsulated	102184-95-2	Metals, non-essential		0.01%	P	No
2,2-Dibromo-2-cyanoacetamide (DBNPA)	10222-01-2	Biocides		0.1%	P	No
Chromium cobalt manganese oxide	102262-19-1	Metals		0.01%	D	No
Chromium cobalt copper iron manganese oxide	102262-21-5	Metals		0.01%	D	No
Chromium cobalt iron manganese oxide	102262-22-6	Metals		0.01%	D	No
Cobalt chloride (CoCl ₃)	10241-04-0	Metals		0.1%	D	No
Hexahydrophthalic acid anhydride	102483-85-2	Intermediate		0.1%	R	Yes
4,4'-Methylene bis(dibutylthiocarbamate)	10254-57-6			0.01%	D	No
4-Heptylphenol, branched and linear	102570-52-5	Unclassified		0.1%	R	Yes
2-Chloro-1,3-difluoropropane (HCFC)	102738-79-4	Solvents, halogenated		0.1%	P	No
Tributylamine	102-82-9	Amines	catalyst	0.1%	R	No
Copper arsenite	10290-12-7	Metals, non-essential		0.01%	R	No
Barium-chromate	10294-40-3	Metals, non-essential	coating	0.1%	P	No
Lead diphosphinate	10294-58-3	Metals, non-essential		0.1%	P	No
Dihydrogen [orthoborato(3-)-O]phenylmercurate(2-)	102-98-7	Metals, non-essential		0.1%	P	No
Endosulfan sulfate	1031-07-8	Biocides		0.1%	R	No
2-Ethylhexyl acrylate	103-11-7	Intermediate, monomers	adhesive	0.01%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Hexanedioic acid, bis(2-ethylhexyl) ester (DOA)	103-23-1	Plasticisers	hydraulic fluid	0.1%	D	No
Cobaltate(1-), [1-[[5-(ethylsulfonyl)-2-hydroxyphenyl]azo]-2-naphthalenolato(2-)][methyl[8-[[5-(ethylsulfonyl)-2-hydroxyphenyl]azo]-7-hydroxy-2- naphthalenyl]methylcarbamato(2-)]-, sodium	103241-62-9	Metals		0.1%	D	No
Cadmium nitrate	10325-94-7	Metals, non-essential	battery	0.01%	P	Yes
Zinc arsenite	10326-24-6	Metals, non-essential		0.01%	R	No
Cadmium perchlorate hexahydrate	10326-28-0	Metals, non-essential		0.01%	P	No
Phenylmercury propionate	103-27-5	Metals, non-essential		0.01%	P	No
Sodium perborate monohydrate	10332-33-9	Unclassified		0.1%	R	Yes
Mercury, (2-ethylhexanoato-O)(1-methoxycyclohexyl)-	103332-13-4	Metals, non-essential		0.1%	P	No
Mercury, (1-methoxycyclohexyl)(neodecanoato-O)-	103369-15-9	Metals, non-essential		0.1%	P	No
Barium-chloride	10361-37-2	Metals, non-essential	dye	0.1%	D	No
Propylbenzene	103-65-1	Solvents	dye	0.1%	D	No
Ethylphenylamine	103-69-5	Amines		0.1%	D	No
Oxine-copper	10380-28-6	Biocides, non-agricultural		0.1%	P	No
Nickel phosphate	10381-36-9	Metals		0,5 µg/cm ² /week	R	No
N,N-Dimethylbenzylamine	103-83-3	Amines	accelerator	0.1%	D	No
3,5-Dichlor-4-(1,1,2,2-tetrafluorethoxy)aniline	104147-32-2	Amines		0.1%	D	No
Mercurous nitrate	10415-75-5	Metals, non-essential		0.1%	P	No
Mercury, (1-methoxyethyl)(9-octadecenoato-O)-,	104325-07-7	Metals, non-essential		0.1%	P	No
Mercury, (1-methoxycyclohexyl)(9-octadecenoato-O)-,	104325-08-8	Metals, non-essential		0.1%	P	No
Mercury, (1-methoxyethyl)(neodecanoato-O)-	104335-53-7	Metals, non-essential		0.1%	P	No
Mercury, (2-ethylhexanoato-O)(1-methoxyethyl)	104339-46-0	Metals, non-essential		0.1%	P	No
Ethanol, 2-(4-nonylphenoxy)-	104-35-8	Surface-active agents		0.01%	P	Annex XIV
4-Nonylphenol	104-40-5	Surface-active agents	cleaner	0.1%	R	Yes
Heptamethylphenylcyclotetrasiloxane	10448-09-6	Unclassified	silicon	0.1%	D	No
Phosphoric acid, mercury salt	10451-12-4	Metals, non-essential		0.1%	P	No
Phenylmercury stearate	104-59-6	Metals, non-essential		0.1%	P	No
Mercury, (9-octadecenoato-O)phenyl-, (Z)-	104-60-9	Metals, non-essential		0.1%	P	No
Cadmium dioleate	10468-30-1	Metals, non-essential		0.01%	P	No
2-Ethyl-1-hexanol	104-76-7	Solvents		0.01%	D	No
Strychnine arsenate	10476-82-1	Metals, non-essential		0.01%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(5-), bis[5-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(4-)-], pentasodium	104815-53-4	Metals		0.1%	D	No
Sodium perborate tetrahydrate	10486-00-7	Unclassified		0.1%	R	Yes
Cobalt(3+), hexaammine-, (OC-6-11)-, trinitrate	10534-86-8	Metals		0.1%	D	No
Cobalt(3+), hexaammine-, trichloride, (OC-6-11)-	10534-89-1	Metals		0.1%	D	No
Ethyl-bromoacetate	105-36-2			0.1%	D	No
Diethyldihexadecylammonium nitrite (6Cl, 7Cl)	105841-28-9	Unclassified		0.1%	D	No
Dibutyltinbis(2-ethylhexyl mercaptoacetate)	10584-98-2	Metals, non-essential		0.1% by weight of tin	P	No
Sodium dichromate (VI)	10588-01-9	Corrosion inhibitors	coating	0.01%	P	Annex XIV
N-Nitrosomethylethylamine	10595-95-6	Impurities	rubber	0.1%	R	No
Carbendazim	10605-21-7	Biocides	fungicide	0.0001%	R	No
Gallium arsenide phosphide	106097-61-4	Metals, non-essential		0.01%	R	No
Di-(methylthio)-toluenediamine	106264-79-3	Amines	paint	0.1%	D	No
Nickel, aqua[2-[(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl)azo]benzoato(2-)]-	106316-55-6	Metals		0,5 µg/cm ² /week	R	No
p-Xylene	106-42-3	Solvents	cleaner	0.1%	D	No
1,4-Dichlorobenzene	106-46-7	Biocides	insecticide	0.1%	R	No
4-Chloroaniline	106-47-8	Intermediate	antioxidant	0.1%	R	No
p-Phenylenediamine	106-50-3	Amines	dye	0.01%	D	No
Bromotrimethylstannane	1066-44-0	Biocides		0.1%	P	No
Trimethyltin chloride	1066-45-1	Biocides		0.1%	P	No
Plumbane, chlorotriethyl-	1067-14-7	Metals, non-essential		0.1%	P	No
Dibutyltin diacetate	1067-33-0	Metals, non-essential		0.1% by weight of tin	P	No
Tributyltin methoxide	1067-52-3	Biocides		0.0001%	P	No
Dibutyldimethoxystannane	1067-55-6	Metals, non-essential		0.1% by weight of tin	P	No
Tributyltin hydroxide	1067-97-6	Biocides		0.0001%	P	No
Lead methacrylate	1068-61-7	Metals, non-essential		0.1%	P	No
Epichlorohydrin	106-89-8	Intermediate	adhesive	0.01%	D	No
1-Acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethyl-piperidine	106917-31-1	Unclassified		0.1%	D	No
1-Bromopropane	106-94-5	Unclassified		0.01%	P	Annex XIV
1,3-Butadiene	106-99-0	Intermediate, monomers	gasoline	0.01%	D	No
1,2-Dichloroethane	107-06-2	Solvents, halogenated	additive in fuel	0.01%	P	Annex XIV

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Acrylonitrile	107-13-1	Intermediate, monomers	plastic	0.01%	D	No
1,2-Ethanediamine	107-15-3	Solvents	electroplating	0.1%	R	Yes
Ethylene glycol	107-21-1	Solvents		0.01%	D	No
Stearic acid, lead (2+) salt	1072-35-1	Metals, non-essential		0.1%	P	No
Bromoethylmercury	107-26-6	Metals, non-essential		0.1%	P	No
Ethylmercuric chloride	107-27-7	Metals, non-essential		0.1%	P	No
Chloromethyl methyl ether (CMME)	107-30-2	Intermediate	polymer	0.1%	R	No
Hexamethyldisiloxane	107-46-0	Unclassified		0.01%	D	No
Octamethyltrisiloxane	107-51-7	Unclassified		0.01%	D	No
Tebuconazole; 1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazol-1-ylmethyl)pentan-3-ol	107534-96-3	Biocides, non-agricultural		0.1%	P	No
Methylpropylketone	107-87-9	Unclassified		0.1%	D	No
Propylene glycol methyl ether	107-98-2	Solvents		0.1%	D	No
Vinylacetate	108-05-4	Intermediate, monomers	adhesive	0.01%	D	No
(Acetato-O)methylmercury	108-07-6	Metals, non-essential		0.1%	P	No
Isopropylacetone	108-10-1	Solvents		0.1%	D	No
Alkanes, C10-12, chloro	108171-26-2	Flame retardant		0.1%	P	Yes
Diisopropylamine	108-18-9	Intermediate	dye	0.1%	D	No
Isopropylacetate	108-21-4	Solvents	coating	0.1%	D	No
Maleic anhydride	108-31-6	Unclassified		0.01%	D	No
m-Xylene	108-38-3	Solvents	cleaner	0.1%	D	No
1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (PFHxS)	108427-54-9	Solvents, halogenated		0.1%	R	Yes
Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (PFHxS)	108427-55-0	Solvents, halogenated		0.1%	R	Yes
1,3-Phenylenediamine	108-45-2	Intermediate	colouring agent	0.01%	D	No
m-Dihydroxybenzene	108-46-3	Intermediate	adhesive	0.01%	D	No
Dichlofluand; N-[(Dichlorofluoromethyl)thio]-N',N'-dimethyl-N-phenylsulfamide	1085-98-9	Biocides, non-agricultural		0.1%	P	No
2-Propylene glycol 1-methyl ether acetate	108-65-6	Solvents		0.1%	D	No
Chloropentafluoropropane (HCFC)	108662-83-5	Solvents, halogenated	aerosol	0.1%	P	No
1,3,5-Trimethylbenzene	108-67-8	Solvents	cleaner	0.1%	D	No
1,3,5-Trichlorobenzene	108-70-3	Solvents, halogenated	fungicide	0.1%	R	No
Nickel(2+), hexakis(1H-imidazole-N3)-, (OC-6-11)-, 1,2-benzenedicarboxylate (1:1)	108818-89-9	Metals		0,5 µg/cm²/week	R	No
Methylcyclohexane	108-87-2	Intermediate	oil	0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Toluene	108-88-3	Solvents	additive in fuel	0.01%	D	No
Cyclohexanone	108-94-1	Solvents		0.1%	D	No
Phenol	108-95-2	Intermediate	antioxidant	0.01%	D	No
Hexahydrophthalic acid anhydride	109265-67-0	Intermediate		0.1%	R	Yes
Ethylene glycol isopropyl ether (EGiPE)	109-59-1	Solvents		0.1%	D	No
n-Propylacetate	109-60-4	Solvents		0.01%	D	No
(Acetato-O)ethylmercury	109-62-6	Metals, non-essential		0.1%	P	No
n-Pentane	109-66-0	Solvents	adhesive	0.1%	D	No
Diamyldithiocarbamate, lead	109707-90-6	Metals, non-essential		0.1%	P	No
1-Butanamine	109-73-9	Intermediate	insecticide	0.1%	D	No
Ethylene glycol methyl ether (EGME)	109-86-4	Solvents	cleaner	0.03%	P	Yes
Dimethoxymethane	109-87-5	Unclassified		0.1%	D	No
Diethylamine	109-89-7	Intermediate	oil	0.1%	D	No
Decabromodiphenyl ether (PBDE)	109945-70-2	Flame retardant		0.1%	P	Yes
Ethyl nitrite	109-95-5	Unclassified		0.1%	D	No
Tetrahydrofuran (THF)	109-99-9	Solvents	ink	0.1%	D	No
Furan	110-00-9	Solvents	cleaner	0.1%	R	Yes
Maleic acid	110-16-7	Unclassified		0.1%	D	No
Isobutylacetate	110-19-0	Unclassified		0.1%	D	No
Hexa-2,4-dienoic acid; Sorbic acid	110-44-1	Biocides, non-agricultural		0.1%	P	No
Amyl nitrite	110-46-3	Unclassified		0.1%	D	No
Ethylene glycol methyl ether acetate (EGMEA)	110-49-6	Solvents	cleaner	0.03%	R	No
n-Hexane	110-54-3	Solvents	adhesive	0.01%	D	No
Chlorofluoroethane (HCFC)	110587-14-9	Solvents, halogenated	aerosol	0.1%	P	No
Ethylene glycol dimethyl ether (EGDME)	110-71-4	Solvents	additive in fuel	0.1%	R	Yes
C.I. Direct Blue 151, C.I.24175	110735-25-6	Pigments		0.003%	P	No
Cobaltocenium, (T-4)-tetrachlorocobaltate(2-) (2:1)	11077-19-3	Metals		0.1%	D	No
Ethylene glycol ethyl ether (EGEE)	110-80-5	Solvents	cleaner	0.03%	R	Yes
Cyclohexane	110-82-7	Intermediate	oil	0.1%	D	No
Mercury, compound with titanium (1:3)	11083-41-3	Metals, non-essential		0.1%	P	No
Piperidine	110-89-4	Amines		0.1%	D	No
Morpholine	110-91-8	Amines	additive	0.1%	D	No
Henicosfluoroundecanoic acid	110961-38-1	Unclassified		0.1%	R	Yes
Aroclor 1260 (PCB)	11096-82-5	Flame retardant		0.0002%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Aroclor 1254 (PCB)	11097-69-1	Flame retardant		0.0002%	P	No
Nickel oxide	11099-02-8	Metals		0,5 µg/cm ² /week	R	No
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	Metals, non-essential		0.01%	P	Annex XIV
Aroclor 1221 (PCB)	11104-28-2	Flame retardant		0.0002%	P	No
Cadmium selenide sulphide	11112-63-3	Metals, non-essential		0.01%	P	No
Boric acid containing not more than 85% of H3BO3 calculated on the dry weight	11113-50-1	Biocides		0.1%	P	Yes
Lead chromate silicate	11113-70-5	Metals, non-essential		0.1%	P	No
Nickel hydroxide	11113-74-9	Metals		0,5 µg/cm ² /week	R	No
Nickel sulfide	11113-75-0	Metals		0,5 µg/cm ² /week	R	No
Cobalt chromium alloy	11114-92-4	Metals		0.01%	D	No
Chromic acid	11115-74-5	Metals, non-essential		0.1%	P	No
Ethylene glycol ethyl ether acetate (EGEEA)	111-15-9	Solvents	cleaner	0.03%	R	Yes
Dibismuth dilead tetraruthenium tridecaoxide	11116-83-9	Metals, non-essential		0.1%	P	No
Chromium lead oxide	11119-70-3	Metals, non-essential		0.1%	P	No
Lead silicate	11120-22-2	Metals, non-essential		0.1%	P	Yes
1,1,3-Trichloro-2,2-difluoropropane (HCFC)	1112-13-6	Solvents, halogenated	aerosol	0.1%	P	No
Cadmium zinc sulfide	11129-14-9	Metals, non-essential		0.01%	P	No
Glutaric dialdehyde	111-30-8	Biocides, non-agricultural	disinfectant	0.1%	P	No
Iron alloy, base,(Fe.Ni)(ferronickel)	11133-76-9	Metals		0,5 µg/cm ² /week	R	No
1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear	111381-89-6	Plasticisers		0.1%	D	No
1,2-Benzenedicarboxylic acid, heptyl undecyl ester, branched and linear	111381-90-9	Plasticisers		0.1%	D	No
1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear	111381-91-0	Plasticisers		0.1%	D	No
Perboric acid, sodium salt	11138-47-9	Solvents	bleaching agent	0.1%	R	Yes
Cobalt, compound with gadolinium (7:2)	11139-24-5	Metals		0.1%	D	No
2-(2-Aminoethylamino)ethanol	111-41-1	Amines		0.1%	D	No
Aroclor 1232 (PCB)	11141-16-5	Flame retardant		0.0002%	P	No
Diethanolamine	111-42-2	Amines	additive	0.01%	D	No
Bromodifluoropropane (HBFC)	111483-20-6	Solvents, halogenated	aerosol	0.1%	P	No
1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC)	111512-56-2	Solvents, halogenated	aerosol	0.1%	P	No
N-Nitrosodiethanolamine	1116-54-7	Impurities	rubber	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
cis-Cyclohexane-1,2-dicarboxylic anhydride	111720-41-3	Intermediate		0.1%	R	Yes
Ethylene glycol monobutyl ether	111-76-2	Solvents	ink	0.1%	D	No
Diethylene glycol methyl ether (DEGME)	111-77-3	Solvents	dye	0.1%	D	No
Trimethyltin azide	1118-03-2	Biocides		0.1%	P	No
Trimethyltin acetate	1118-14-5	Biocides		0.1%	P	No
Nonane	111-84-2	Unclassified		0.1%	D	No
n-Octylamine	111-86-4	Amines		0.1%	D	No
Diethylene glycol monoethyl ether (DEGEE)	111-90-0	Solvents	cleaner	0.1%	D	No
Dibuthylamine	111-92-2	Intermediate	catalyst	0.1%	D	No
Diethylene glycol dimethyl ether (DEGDME)	111-96-6	Solvents	colouring agent	0.01%	P	Annex XIV
Thiacloprid	111988-49-9	Biocides, non-agricultural		0.0001%	R	No
Lead oleate	1120-46-3	Metals, non-essential		0.1%	P	No
1,3-Propanesultone	1120-71-4	Intermediate	additive in galvanic bath	0.1%	R	Yes
Ethylene glycol monobutyl ether acetate	112-07-2	Solvents	adhesive	0.1%	D	No
Diethylene glycol monoethyl ether acetate	112-15-2	Solvents		0.1%	D	No
Triethylenetetramine (TETA)	112-24-3	Amines		0.1%	D	No
Ethylene glycol hexylether	112-25-4	Solvents		0.1%	D	No
Diethylene glycol monobutyl ether (DEGBE)	112-34-5	Solvents	cleaner	0.1%	D	No
Triethylene glycol monomethyl ether (TEGME)	112-35-6	Solvents		0.1%	D	No
Diethylene glycol diethyl ether	112-36-7	Solvents		0.1%	D	No
Triethylene glycol dimethyl ether (TEGDME)	112-49-2	Solvents	additive in fuel	0.1%	R	Yes
Tetraethylenepentamine	112-57-2	Intermediate	additive in fuel	0.1%	D	No
Phosphorodithioic acid, mixed O,O-bis(sec-butyl and isooctyl) esters, zinc salts	113706-15-3	Unclassified		0.1%	D	No
4-Heptylphenol, branched and linear	1139800-98-8	Unclassified		0.1%	R	Yes
N,N-dimethylformamide	114057-15-7	Unclassified		0.1%	R	No
Guazatine triacetate	115044-19-4	Biocides, non-agricultural		0.1%	P	No
Mercurymethylchloride	115-09-3	Metals, non-essential		0.1%	P	No
Barium nitrite hydrate	115216-77-8	Unclassified		0.1%	D	No
Perfluorocyclobutane (PFC)	115-25-3	Solvents, halogenated	refrigerant	0.1%	R	No
Endosulfan	115-29-7	Biocides		0.1%	P	No
Chlorotriphenylplumbane	1153-06-6	Metals, non-essential		0.1%	P	No
Dicofof	115-32-2	Biocides	insecticide	0.1%	P	No
Triphenylphosphate	115-86-6	Flame retardant	additive	0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Tris(2-chloroethyl) phosphate (TECP)	115-96-8	Flame retardant	foam	0.01%	P	Annex XIV
Acetoxytriphenylplumbane	1162-06-7	Metals, non-essential		0.1%	P	No
Decabromodiphenyl ether (PBDE)	1163-19-5	Flame retardant	electronics	0.1%	P	Yes
Lead sulfomolybdochromate, silica encapsulated	116565-73-2	Metals, non-essential		0.1%	P	No
Chromium lead oxide sulfate, silica-modified	116565-74-3	Metals, non-essential		0.1%	P	No
Silver adsorbed on silicon dioxide (as a nanomaterial in the form of a stable aggregate with primary particles in the nanoscale)	1167997-68-3	Biocides		0.0001%	R	No
Pentachlorodifluoropropane (HCFC)	116867-32-4	Solvents, halogenated	aerosol	0.1%	P	No
Dichlorotrifluoropropane (HCFC)	116890-51-8	Solvents, halogenated	aerosol	0.1%	P	No
1,2,4,5-Tetrabromo-3-(2,4-dibromophenoxy)-benzen (PBDE)	116995-33-6	Flame retardant		0.1%	P	No
Hexahydrophthalic acid anhydride	117276-22-9	Intermediate		0.1%	R	Yes
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	Plasticisers	dye	0.01%	P	Annex XIV
Di(2-methoxyethyl)phthalate (DEMP)	117-82-8	Plasticisers	glue	0.01%	P	Annex XIV
Di-n-octyl phthalate (DNOP)	117-84-0	Plasticisers	adhesive	0.1%	R	No
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	117933-89-8	Unclassified		0.1%	R	Yes
Benzene, 1,1'-oxybis[2,3,4,6-tetrabromo-	117964-21-3	Flame retardant		0.001%	P	No
Methylmercury hydroxide	1184-57-2	Metals, non-essential		0.1%	P	No
Trimethoxy(methyl)silane	1185-55-3			0.01%	D	No
Dibutyltin dilauryl mercaptide	1185-81-5	Metals, non-essential		0.1% by weight of tin	P	No
C.I. Basic Red 111	118658-98-3	Pigments		0.003%	P	No
Trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)chromate(1-)	118685-33-9	Pigments	colouring agent	0.003%	P	No
Hexachlorobenzene	118-74-1	Biocides	antimould	0.000002%	P	No
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1) (PFHxS)	1187817-57-7	Solvents, halogenated		0.1%	R	Yes
2,4,6-Tribromophenol	118-79-6	Unclassified		0.01%	D	No
2,2',6,6'-Tetra-tert-butyl-4,4'-methylenediphenol	118-82-1	Unclassified	antioxidant	0.01%	D	No
Lead succinate	1191-18-0	Metals, non-essential		0.1%	P	No
Barium cadmium tetrastearate	1191-79-3	Metals, non-essential		0.01%	P	No
Mercury oleate	1191-80-6	Metals, non-essential		0.1%	P	No
4,5-dichloro-3H-1,2-dithiol-3-one	1192-52-5	Biocides, non-agricultural		0.1%	P	No
Bromophenylmercury	1192-89-8	Metals, non-essential		0.1%	P	No
Benzophenone	119-61-9	Unclassified		0.01%	D	No
3,3'-Dimethoxybenzidine	119-90-4	Amines	antioxidant	0.01%	P	No
3,3'-Dimethylbenzidine	119-93-7	Amines	antioxidant	0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Asbestos, Crocidolite	12001-28-4	Fibres	filler	0.1%	P	No
Asbestos, Chrysotile	12001-29-5	Fibres	filler	0.1%	P	No
Copper acetoarsenite	12002-03-8	Metals, non-essential		0.01%	R	No
Trichlorobenzene (all isomers)	12002-48-1	Solvents, halogenated	fungicide	0.1%	R	No
Aluminum, compound with nickel (1:1)	12003-78-0	Metals		0,5 µg/cm ² /week	R	No
Aluminum nickel oxide (Al ₂ NiO ₄)	12004-35-2	Metals		0,5 µg/cm ² /week	R	No
Copper arsenide (Cu ₃ As)	12005-75-3	Metals, non-essential		0.01%	R	No
Dysprosium arsenide (DyAs)	12005-81-1	Metals, non-essential		0.01%	R	No
Sodium hexafluoroarsenate(V)	12005-86-6	Metals, non-essential		0.01%	R	No
Iron arsenide (Fe ₂ As)	12005-88-8	Metals, non-essential		0.01%	R	No
Gadolinium arsenide (GdAs)	12005-89-9	Metals, non-essential		0.01%	R	No
Holmium arsenide (HoAs)	12005-92-4	Metals, non-essential		0.01%	R	No
Lutetium arsenide (LuAs)	12005-94-6	Metals, non-essential		0.01%	R	No
Manganese arsenide (MnAs)	12005-95-7	Metals, non-essential		0.01%	R	No
Manganese arsenide (Mn ₂ As)	12005-96-8	Metals, non-essential		0.01%	R	No
Terbium arsenide (TbAs)	12006-08-5	Metals, non-essential		0.01%	R	No
Thallium arsenide (TlAs)	12006-09-6	Metals, non-essential		0.01%	R	No
Thulium arsenide (TmAs)	12006-10-9	Metals, non-essential		0.01%	R	No
Ytterbium arsenide (YbAs)	12006-12-1	Metals, non-essential		0.01%	R	No
Cadmium arsenide	12006-15-4	Metals, non-essential		0.01%	P	No
Iron arsenide (FeAs ₂)	12006-21-2	Metals, non-essential		0.01%	R	No
Zinc arsenide (Zn ₃ As ₂)	12006-40-5	Metals, non-essential		0.01%	R	No
Cobalt boride (Co ₃ B)	12006-78-9	Metals		0.1%	D	No
Fipronil; 5-Amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile	120068-37-3	Biocides, non-agricultural		0.1%	P	No
Nickel boride (NiB)	12007-00-0	Metals		0,5 µg/cm ² /week	R	No
Nickel boride (Ni ₂ B)	12007-01-1	Metals		0,5 µg/cm ² /week	R	No
Nickel boride (Ni ₃ B)	12007-02-2	Metals		0,5 µg/cm ² /week	R	No
Disodium-octaborate	12008-41-2	Biocides		0.1%	R	Yes
Anthracene (PAH)	120-12-7	Impurities	coating	0.0001%	R	Yes
Cobalt disulfide	12013-10-4	Metals		0.1%	D	No
Plumbate (PbO ₄), calcium (1:2), (T-4)-	12013-69-3	Metals, non-essential		0.1%	P	No
Cadmium titanium oxide (CdTiO ₃)	12014-14-1	Metals, non-essential		0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cadmium phosphide (Cd3P2)	12014-28-7	Metals, non-essential		0.01%	P	No
Antimony, compound with cadmium (2:3)	12014-29-8	Metals, non-essential		0.01%	P	No
Decabromodiphenyl ether (PBDE)	1201677-32-8	Flame retardant		0.1%	P	Yes
Cobalt hydroxide oxide (Co(OH)O)	12016-80-7	Metals		0.1%	D	No
Cobalt titanium trioxide	12017-01-5	Metals		0.1%	D	No
Cobalt silicide (CoSi2)	12017-12-8	Metals		0.1%	D	No
Cobalt telluride (CoTe)	12017-13-9	Metals		0.1%	D	No
Cobalt titanium oxide (Co2TiO4)	12017-38-8	Metals		0.1%	D	No
Cobalt, compound with samarium (2:1)	12017-43-5	Metals		0.1%	D	No
Cobalt, compound with gadolinium (3:1)	12017-50-4	Metals		0.1%	D	No
Cobalt, compound with gadolinium (5:1)	12017-61-7	Metals		0.1%	D	No
Cobalt, compound with neodymium (5:1)	12017-65-1	Metals		0.1%	D	No
Cobalt, compound with praseodymium (5:1)	12017-67-3	Metals		0.1%	D	No
Cobalt, compound with samarium (5:1)	12017-68-4	Metals		0.1%	D	No
Cobalt, compound with yttrium (5:1)	12017-71-9	Metals		0.1%	D	No
Dilead chromate dihydroxide	12017-86-6	Metals, non-essential		0.1%	P	No
Chromium nickel oxide (Cr2NiO4)	12018-18-7	Metals		0,5 µg/cm ² /week	R	No
Cobalt hexafluorosilicate(2-)	12021-67-9	Metals		0.1%	D	No
Iron lead oxide (Fe12PbO19)	12023-90-4	Metals, non-essential		0.1%	P	No
Hafnium lead trioxide	12029-23-1	Metals, non-essential		0.1%	P	No
Lithium nickel oxide (LiNiO2)	12031-65-1	Metals		0,5 µg/cm ² /week	R	No
Plumbate (PbO22-), disodium	12034-30-9	Metals, non-essential		0.1%	P	No
Nickel, compound with niobium (1:1)	12034-55-8	Metals		0,5 µg/cm ² /week	R	No
Lead neobate	12034-88-7	Metals, non-essential		0.1%	P	No
Nickel dioxide	12035-36-8	Metals	catalyst	0,5 µg/cm ² /week	R	No
Nickel tin trioxide	12035-38-0	Metals		0,5 µg/cm ² /week	R	No
Nickel titanium oxide	12035-39-1	Metals		0,5 µg/cm ² /week	R	No
Antimony, compound with nickel (1:1)	12035-52-8	Metals		0,5 µg/cm ² /week	R	No
Nickel silicide (NiSi)	12035-57-3	Metals		0,5 µg/cm ² /week	R	No
Nickel phosphide (Ni2P)	12035-64-2	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Trinickeldisulfid	12035-72-2	Metals	minerals	0,5 µg/cm ² /week	R	No
Lead tin oxide (PbSnO ₃)	12036-31-6	Metals, non-essential		0.1%	P	No
Lead oxide sulfate	12036-76-9	Metals, non-essential	stabilizer	0.1%	P	Yes
Thallium(I) selenide	12039-52-0	Metals, non-essential		0.1%	D	No
Sodium peroxometaborate	12040-72-1	Unclassified		0.1%	R	Yes
Iron arsenide (FeAs)	12044-16-5	Metals, non-essential		0.01%	R	No
Digallium arsenide phosphide	12044-20-1	Metals, non-essential		0.01%	R	No
Potassium arsenide (K ₃ As)	12044-21-2	Metals, non-essential		0.01%	R	No
Lithium arsenide (Li ₃ As)	12044-22-3	Metals, non-essential		0.01%	R	No
Sodium arsenide (Na ₃ As)	12044-25-6	Metals, non-essential		0.01%	R	No
Praseodymium arsenide (PrAs)	12044-28-9	Metals, non-essential		0.01%	R	No
Cobalt arsenide (CoAs ₂)	12044-42-7	Metals, non-essential		0.01%	R	No
Magnesium arsenide (Mg ₃ As ₂)	12044-49-4	Metals, non-essential		0.01%	R	No
Diarsenic pentaoxide	12044-50-7	Metals, non-essential		0.01%	R	No
Platinum arsenide (PtAs ₂)	12044-52-9	Metals, non-essential		0.01%	R	No
Arsenic telluride (As ₂ Te ₃)	12044-54-1	Metals, non-essential		0.01%	R	No
Zinc arsenide (ZnAs ₂)	12044-55-2	Metals, non-essential		0.01%	R	No
Arsino thioxo	12044-79-0	Metals, non-essential		0.01%	R	No
Cobalt boride (Co ₂ B)	12045-01-1	Metals		0.1%	D	No
Bismuth, compound with lead (1:1)	12048-28-1	Metals, non-essential		0.1%	P	No
Cobalt iron oxide	12052-28-7	Metals		0.1%	D	No
Antimony, compound with cobalt (1:1)	12052-42-5	Metals		0.1%	D	No
Cobalt, compound with yttrium (3:1)	12052-62-9	Metals		0.1%	D	No
Cobalt, compound with yttrium (7:2)	12052-70-9	Metals		0.1%	D	No
Cobalt, compound with samarium (17:2)	12052-78-7	Metals		0.1%	D	No
Nickel dihydroxide	12054-48-7	Metals		0,5 µg/cm ² /week	R	No
Piperidine, 1,1'-(tetrathiodicarbonothioyl)bis-	120-54-7	Unclassified		0.1%	D	No
Mercury, compound with sodium (2:1)	12055-37-7	Metals, non-essential		0.1%	P	No
Magnesium phosphide; Trimagnesium diphosphide	12057-74-8	Biocides, non-agricultural		0.1%	P	No
Nickel silicide (Ni ₂ Si)	12059-14-2	Metals		0,5 µg/cm ² /week	R	No
Nickel, compound with tin (3:1)	12059-23-3	Metals		0,5 µg/cm ² /week	R	No
Lead oxide (Pb ₂ O)	12059-89-1	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead titanium trioxide	12060-00-3	Pigments	dye	0.1%	P	Yes
Lead zirconium oxide	12060-01-4	Metals, non-essential		0.1%	P	No
Lead tantalate	12065-68-8	Metals, non-essential		0.1%	P	No
Pentalead tetraoxide sulphate	12065-90-6	Metals, non-essential	stabilizer	0.1%	P	Yes
Nickel diarsenide	12068-61-0	Metals		0,5 µg/cm ² /week	R	No
Mercury telluride (HgTe)	12068-90-5	Metals, non-essential		0.1%	P	No
Lead selenide (PbSe)	12069-00-0	Metals, non-essential		0.1%	P	No
[.mu.-[Carbonato(2-)-O:O]]dihydroxydicobalt	12069-68-0	Metals		0.1%	D	No
Copper carbonate hydroxide; Basic Copper carbonate; Copper (II) carbonate--copper (II) hydroxide (1:1)	12069-69-1	Biocides, non-agricultural		0.0001%	R	No
p-Cresidine	120-71-8	Intermediate	antioxidant	0.1%	R	Yes
Dicarbonyl(.eta.5-2,4-cyclopentadien-1-yl)cobalt	12078-25-0	Metals		0.1%	D	No
2,2'-Dithiobis(benzothiazole)	120-78-5	Rubber chemical	accelerator	0.1%	D	No
1,2,4-Trichlorobenzene	120-82-1	Solvents, halogenated	fungicide	0.1%	R	No
Electrolytes, cobalt-manufacturing A solution used in the electrolytic refining of cobalt. The composition varies according to the particular process involved. The electrolyte generally contains high levels of cob alt ions and lower levels of impurity me	121053-28-9	Metals		0.1%	D	No
2,4-Dinitrotoluene	121-14-2	Amines	explosives	0.01%	P	Annex XIV
Phenol, dodecyl-, branched	121158-58-5	Unclassified		0.01%	D	No
Roxarsone	121-19-7	Metals, non-essential		0.01%	R	No
Ammonium bromide	12124-97-9	Biocides, non-agricultural		0.1%	P	No
Ammonium hydrogen sulphide	12124-99-1	Unclassified		0.1%	D	No
Nickel hydroxide	12125-56-3	Metals		0,5 µg/cm ² /week	R	No
Cobalt phosphide (Co2P)	12134-02-0	Metals		0.1%	D	No
Ammonium sulphide	12135-76-1			0.1%	D	No
Mercury nitride	12136-15-1	Metals, non-essential		0.1%	P	No
Lead disulphide	12137-74-5	Metals, non-essential		0.1%	P	No
Cadmium peroxide (Cd(O2))	12139-22-9	Metals, non-essential		0.01%	P	No
Cadmium zirconium oxide (CdZrO3)	12139-23-0	Metals, non-essential		0.01%	P	No
Lead oxide phosphonate	12141-20-7	Metals, non-essential		0.1%	P	Yes
Nickel telluride	12142-88-0	Metals		0,5 µg/cm ² /week	R	No
Nickel, compound with zirconium (1:2)	12142-92-6	Metals		0,5 µg/cm ² /week	R	No
Triethylamine (TEA)	121-44-8	Amines		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Copper hydroxide nitrate	12158-75-7	Metals	explosives	0.1%	D	No
Diiron nickel tetraoxide	12168-54-6	Metals		0,5 µg/cm ² /week	R	No
Asbestos, Ferroactinolite	12172-67-7	Fibres	filler	0.1%	R	No
Asbestos, Amosite	12172-73-5	Fibres	filler	0.1%	P	No
Dysprosium, compound with nickel (1:2)	12175-27-8	Metals		0,5 µg/cm ² /week	R	No
Sodium tetraborate pentahydrate	12179-04-3	Flame retardant	insulation	0.1%	P	Yes
Cadmium chloride phosphate (Cd ₅ Cl(PO ₄) ₃)	12185-64-7	Metals, non-essential		0.01%	P	No
Cadmium niobium oxide (Cd ₂ Nb ₂ O ₇)	12187-14-3	Metals, non-essential		0.01%	P	No
Cobalt, compound with neodymium (3:1)	12187-43-8	Metals		0.1%	D	No
Cobalt, compound with samarium (3:1)	12187-46-1	Metals		0.1%	D	No
Cobaltate (CoO ₂ -), lithium	12190-79-3	Metals		0.1%	D	No
Lanthanum, compound with nickel (1:5)	12196-72-4	Metals		0,5 µg/cm ² /week	R	No
Nickel silicide (NiSi ₂)	12201-89-7	Metals		0,5 µg/cm ² /week	R	No
Tetralead trioxide sulphate	12202-17-4	Metals, non-essential	dye	0.1%	P	Yes
Lead chloride oxide	12205-72-0	Metals, non-essential		0.1%	P	No
Cadmium selenide sulfide, (Cd ₂ SeS)	12213-70-6	Metals, non-essential		0.01%	P	No
Cadmium selenide sulfide (Cd ₂ SeS)	12214-12-9	Metals, non-essential		0.01%	P	No
Cerium, compound with cobalt (1:5)	12214-13-0	Metals		0.1%	D	No
Fenitrothion; O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate	122-14-5	Biocides, non-agricultural		0.1%	P	No
C.I. Acid Black 29	12217-14-0	Pigments		0.003%	P	No
Cetalkonium chloride	122-18-9	Biocides, non-agricultural		0.1%	P	No
Benzyltrimethyl(octadecyl)ammonium chloride	122-19-0	Biocides, non-agricultural		0.1%	P	No
C.I. Acid Black 131	12219-01-1	Pigments		0.003%	P	No
C.I. Acid Black 132	12219-02-2	Pigments		0.003%	P	No
C.I. Basic Red 42	12221-66-8	Pigments		0.003%	P	No
C.I. Direct Blue 160	12222-02-5	Pigments		0.003%	P	No
C.I. Basic Yellow 82	12227-67-7	Pigments		0.003%	P	No
Beryllium boride (BeB ₂)	12228-40-9	Metals, non-essential		0.1%	R	No
Barium hydroxyde, octahydrate	12230-71-6	Metals, non-essential		0.1%	D	No
Beryllium selenide (BeSe)	12232-25-6	Metals, non-essential		0.1%	R	No
Beryllium telluride (BeTe)	12232-27-8	Metals, non-essential		0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzenesulfonic acid, 4-[[1-[[[(2-methylphenyl)amino]carbonyl]-2-oxopropyl]azo]-3-nitro-, calcium salt (2:1)	12286-66-7	Amines	azo dye	0.1%	D	No
Cadmium tantalum oxide (CdTa2O6)	12292-07-8	Metals, non-essential		0.01%	P	No
C.I. Solvent Red 1, C.I.12150	1229-55-6	Pigments		0.003%	P	No
Cobalt, compound with lanthanum (5:1)	12297-66-4	Metals		0.1%	D	No
Ethylene glycol monophenyl ether	122-99-6	Biocides		0.1%	P	No
Cetylpyridinium chloride	123-03-5	Biocides, non-agricultural		0.1%	P	No
Cobalt, compound with samarium (7:2)	12305-84-9	Metals		0.1%	D	No
1,4-Dihydroxybenzene	123-31-9	Intermediate	adhesive	0.1%	D	No
Nickel, [carbonato(2-)]hexahydroxytetra-	12334-31-5	Metals		0,5 µg/cm ² /week	R	No
Mercury silver iodide	12344-40-0	Metals, non-essential		0.1%	P	No
Arsenic sulfide (As2S4)	12344-68-2	Metals, non-essential		0.01%	R	No
Potassium pentadecaaxodiplumbatepentaniobate(1-)	12372-45-1	Metals, non-essential		0.1%	P	No
Pyrrolidine	123-75-1	Amines		0.1%	D	No
Diazenedicarboxamide (ADCA)	123-77-3	Unclassified		0.1%	R	Yes
n-Butyl acetate	123-86-4	Unclassified		0.1%	D	No
2-Methoxyethylmercury chloride	123-88-6	Metals, non-essential		0.1%	P	No
Lead sulfate, tribasic	12397-06-7	Metals, non-essential		0.1%	P	No
2-Ethoxyethylmercury chloride	124-01-6	Metals, non-essential		0.1%	P	No
Lead, dihydroxy[2,4,6-trinitro-1,3-benzenediolato(2-)]di-	12403-82-6	Metals, non-essential		0.1%	P	No
Tetrachlorobenzene	12408-10-5	Biocides	fungicide	0.1%	P	No
2-Ethoxyethylmercury acetate	124-08-3	Metals, non-essential		0.1%	P	No
Arsenopyrite, cobaltoan	12414-94-7	Metals, non-essential		0.01%	R	No
Diethylene glycol butyl ether acetate (DEGBEA)	124-17-4	Solvents		0.03%	R	No
Arsenargentite (Ag3As)	12417-99-1	Metals, non-essential		0.01%	R	No
Cobaltocenium hexafluorophosphate(1-)	12427-42-8	Metals		0.1%	D	No
Beryllium boride (BeB6)	12429-94-6	Metals, non-essential		0.1%	R	No
Octadecanamine	124-30-1	Amines		0.1%	D	No
Potassium zinc chromate oxide	12433-50-0	Metals, non-essential		0.1%	P	No
Lead germanate	12435-47-1	Metals, non-essential		0.1%	P	No
Dimethylamine	124-40-3	Amines	accelerator	0.1%	D	No
Cadmium zinc sulfide ((Cd,Zn)S)	12442-27-2	Metals, non-essential		0.01%	P	No
Chlorodibromomethane	124-48-1	Solvents, halogenated	cleaner	0.1%	P	No
Sodium dimethylarsinate	124-65-2	Metals, non-essential		0.01%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,1,1,2-Tetrafluoro-2-bromoethane (HBFC)	124-72-1	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dibromotetrafluoroethane	124-73-2	Solvents, halogenated	aerosol	0.1%	P	No
Sodium perborate hexahydrate	125022-34-6	Unclassified		0.1%	R	Yes
Antimony, compound with nickel (1:3)	12503-49-0	Metals		0,5 µg/cm ² /week	R	No
Cerium, compound with cobalt (2:7)	12515-29-6	Metals		0.1%	D	No
Cobalt, compound with neodymium (7:2)	12516-51-7	Metals		0.1%	D	No
Cobalt, compound with praseodymium (7:2)	12516-52-8	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, lithium	125252-57-5	Metals		0.1%	D	No
Fatty acids, C4- 20-branched, lead salts	125328-49-6	Metals, non-essential		0.1%	P	No
Beryllium boride (Be2B)	12536-51-5	Metals, non-essential		0.1%	R	No
Beryllium boride (Be4B)	12536-52-6	Metals, non-essential		0.1%	R	No
Cobaltate(2-), [1-[(5-chloro-2-hydroxyphenyl)azo]-2-naphthalenolato(2-)][3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, disodium	125378-88-3	Metals		0.1%	D	No
Cobaltate(3-), bis[3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, trisodium	125378-89-4	Metals		0.1%	D	No
Cobaltate(1-), bis[2,4-dinitro-6-[[2-(phenylamino)-1-naphthalenyl]azo]phenolato(2-)]-, sodium	125378-91-8	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[[2-hydroxy-5-[(phenylamino)sulfonyl]phenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, ammonium	125408-78-8	Metals		0.1%	D	No
Silicic acid (H4SiO4), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol (other PFOA)	125476-71-3			0.1%	D	No
Lead, C9- 28-neocarboxylate 2-ethylhexanoate complexes, basic	125494-56-6	Metals, non-essential		0.1%	P	No
Lead, bis(octadecanoato)dioxotri-	12565-18-3	Metals, non-essential		0.1%	P	No
Dioxobis(stearato)trilead	12578-12-0	Metals, non-essential		0.1%	P	Yes
Cobalt, bis[carbonato(2-)]hexahydroxypenta-	12602-23-2	Metals		0.1%	D	No
Nickel carbonate hydroxide	12607-70-4	Metals		0,5 µg/cm ² /week	R	No
Basic lead sulfite	12608-25-2	Metals, non-essential		0.1%	P	No
Arsenic sulfide	12612-21-4	Metals, non-essential		0.01%	R	No
Lead chloride (V.A.N.)	12612-47-4	Metals, non-essential		0.1%	P	No
Nickel carbonyl	12612-55-4	Metals		0,5 µg/cm ² /week	R	No
Nickel boride	12619-90-8	Metals		0,5 µg/cm ² /week	R	No
Cadmium selenide sulfide (Cd(Se,S))	12626-36-7	Metals, non-essential		0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead titanium zirconium oxide	12626-81-2	Metals, non-essential		0.1%	P	Yes
Selenium oxide	12640-89-0	Non-metal		0.1%	D	No
Nickel zinc ferrite	12645-50-0	Metals		0,5 µg/cm ² /week	R	No
Nickel titanium oxide	12653-76-8	Metals		0,5 µg/cm ² /week	R	No
Cadmium sulfoselenide orange	12656-57-4	Pigments		0.01%	P	No
Lead chromate molybdate sulfate red	12656-85-8	Pigments	coating	0.01%	P	Annex XIV
Aluminum cobalt oxide	12672-27-4	Metals		0.1%	D	No
Aroclor 1248 (PCB)	12672-29-6	Flame retardant		0.0002%	P	No
Tris(2,3-dibromopropyl)phosphate (TRIS)	126-72-7	Flame retardant	plastic	0.1%	P	No
Molybdenum nickel oxide	12673-58-4	Metals		0,5 µg/cm ² /week	R	No
Tributyl phosphate (TBP)	126-73-8	Solvents	lacquer	0.1%	D	No
Aroclor 1016 (PCB)	12674-11-2	Flame retardant		0.0002%	P	No
Lead silicate sulfate	12687-78-4	Metals, non-essential		0.1%	P	No
Bismuth, compound with nickel (1:1)	12688-64-1	Metals		0,5 µg/cm ² /week	R	No
2-Chloro-1,3-butadiene	126-99-8	Rubber chemical	elastomer	0.1%	D	No
4-Nonylphenol, branched, ethoxylated	127087-87-0	Surface-active agents	surfactant	0.01%	P	Annex XIV
Nickel carbide	12710-36-0	Metals		0,5 µg/cm ² /week	R	No
Nickelocene	1271-28-9	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(2-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, dihydrogen	12715-61-6	Metals		0.1%	D	No
Tetrachloroethene	127-18-4	Solvents, halogenated	additive in fuel	0.1%	R	No
N,N-Dimethylacetamide	127-19-5	Solvents	additive	0.1%	R	Yes
Lead tungsten oxide	12737-98-3	Metals, non-essential		0.1%	P	No
Dichlorofluoropropane (HCFC)	127404-11-9	Solvents, halogenated	aerosol	0.1%	P	No
A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates	127519-17-9	Unclassified		0.01%	D	No
Tetrachlorodifluoropropane (HCFC)	127564-82-3	Solvents, halogenated		0.1%	P	No
Dichlorotetrafluoropropane (HCFC)	127564-83-4	Solvents, halogenated	aerosol	0.1%	P	No
Trichlorodifluoropropane (HCFC)	127564-90-3	Solvents, halogenated		0.1%	P	No
Trichlorotetrafluoropropane (HCFC)	127564-91-4	Solvents, halogenated		0.1%	P	No
Dichloropentafluoropropane	127564-92-5	Solvents, halogenated	aerosol	0.1%	P	No
Tosylchloramide sodium	127-65-1	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead oxide sulfate	12765-51-4	Metals, non-essential		0.1%	P	No
Boron zinc oxide	12767-90-7	Flame retardant		0.1%	P	No
Beryllium aluminum alloy	12770-50-2	Metals, non-essential		0.1%	R	No
Cobaltocene	1277-43-6	Metals		0.1%	D	No
Copper arsenate hydroxide (Cu ₂ (AsO ₄)(OH))	12774-48-0	Metals, non-essential		0.01%	R	No
Antimony dioxide	12786-74-2	Metals, non-essential		0.1%	D	No
Bis(1-nitroso-2-naphtholato)nickel	12794-26-2	Metals		0,5 µg/cm ² /week	R	No
cis-Cyclohexane-1,2-dicarboxylic anhydride	127946-28-5	Intermediate		0.1%	R	Yes
Potassium dimethyldithiocarbamate	128-03-0	Biocides, non-agricultural		0.0001%	R	No
Sodium dimethyldithiocarbamate	128-04-1	Biocides		0.0001%	R	No
trans-Cyclohexane-1,2-dicarboxylic anhydride	128049-67-2	Intermediate		0.1%	R	Yes
2,6-Di-tert-butyl-4-methyl-phenol	128-37-0	Unclassified		0.01%	D	No
Phenol, 2,6-bis(1,1-dimethylethyl)-	128-39-2	Unclassified		0.01%	D	No
2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC)	128903-21-9	Solvents, halogenated	aerosol	0.1%	P	No
Pyrene (PAH)	129-00-0	Impurities		0.001%	R	Yes
Mercury, (2',7'-dibromo-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-4'-yl)hydroxy-, disodium salt	129-16-8	Metals, non-essential		0.1%	P	No
Benzenesulfonic acid, 4-chloro-2-[[4,5-dihydro-3-methyl-5-oxo-1-(3-sulfophenyl)-1H-pyrazol-4-yl]azo]-5-methyl-, calcium salt (1:1)	129423-54-7	Unclassified		0.1%	D	No
Bis(1,5-cyclooctadiene)nickel	1295-35-8	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+) oleate	13001-15-5	Metals		0,5 µg/cm ² /week	R	No
Chromium carbonyl	13007-92-6	Metals, non-essential	coating	0.1%	P	No
Cobaltate(1-), bis[2-[(2-hydroxy-5-nitrophenyl)azo]-3-oxo-N-phenylbutanamidato(2-)]-, hydrogen	13011-62-6	Metals		0.1%	D	No
Beryl ore	1302-52-9	Metals, non-essential		0.1%	R	No
2,2-Dibromobiphenyl (PBB)	13029-09-9	Flame retardant		0.001%	P	No
Gallium arsenide	1303-00-0	Metals, non-essential	semiconductor	0.01%	R	No
Indium arsenide (InAs)	1303-11-3	Metals, non-essential		0.01%	R	No
Rammelsbergite (NiAs ₂)	1303-22-6	Metals		0,5 µg/cm ² /week	R	No
Aluminium sodium silicate-silver complex; Silver zeolite	130328-18-6	Biocides, non-agricultural		0.0001%	R	No
Aluminium sodium silicate-silver copper complex	130328-19-7	Biocides, non-agricultural		0.0001%	R	No
Diarsenic pentoxide	1303-28-2	Metals, non-essential	antifouling dye	0.01%	P	Annex XIV

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Silver zinc zeolite; Aluminium sodium silicate-silver zinc complex	130328-20-0	Biocides, non-agricultural		0.0001%	R	No
Arsenic trisulfide	1303-33-9	Metals, non-essential		0.01%	R	No
Arsenic selenide (As ₂ Se ₃)	1303-36-2	Metals, non-essential		0.01%	R	No
Zinc arsenenate oxide (Zn ₅ (AsO ₃) ₄ O ₃), tetrahydrate	1303-39-5	Metals, non-essential		0.01%	R	No
Boron oxide	1303-86-2	Metals		0.1%	R	Yes
Sodium tetraborate decahydrate	1303-96-4	Flame retardant	insulation	0.1%	P	Yes
Barium oxide	1304-28-5	Metals, non-essential	coating	0.1%	D	No
Barium peroxide	1304-29-6	Metals, non-essential		0.1%	D	No
Beryllium nitride (Be ₃ N ₂)	1304-54-7	Metals, non-essential		0.1%	R	No
Beryllium oxide	1304-56-9	Metals, non-essential		0.1%	R	No
Cadmium-oxide	1306-19-0	Metals, non-essential	alloy	0.01%	P	Yes
Cadmium sulfide	1306-23-6	Pigments	colouring agent	0.01%	P	Yes
Cadmium selenide	1306-24-7	Metals, non-essential	semiconductor	0.01%	P	No
Cadmium telluride (CdTe)	1306-25-8	Metals, non-essential		0.01%	P	No
Cobalt hydroxide (Co(OH) ₃)	1307-86-4	Metals		0.1%	D	No
Cobalt oxide	1307-96-6	Metals		0.1%	D	No
Cobalt selenide (CoSe)	1307-99-9	Metals		0.1%	D	No
Cobalt oxide (Co ₂ O ₃)	1308-04-9	Metals		0.1%	D	No
Tricobalt tetraoxide	1308-06-1	Metals		0.1%	D	No
Chromium(III)oxide	1308-38-9			0.01%	D	No
Tetrachlorofluoroethane (HCFC)	130879-71-9	Solvents, halogenated	aerosol	0.1%	P	No
Lead(2+) (R)-12-hydroxyoleate	13094-04-7	Metals, non-essential		0.1%	P	No
Lead peroxide	1309-60-0	Metals, non-essential		0.1%	P	No
Antimony trioxide	1309-64-4	Metals, non-essential	flame proofing agent	0.01%	D	No
Lead hexafluorosilicate	1310-03-8	Metals, non-essential		0.1%	P	No
Iron selenide	1310-32-3	Metals		0.1%	D	No
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	1310480-24-0	Solvents, halogenated		0.1%	R	Yes
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	1310480-27-3	Solvents, halogenated		0.1%	R	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	1310480-28-4	Solvents, halogenated		0.1%	R	Yes
Beryllium carbonate	13106-47-3	Metals, non-essential		0.1%	R	No
Dimercury amidatenitrate	1310-88-9	Metals, non-essential		0.1%	P	No
Dimethyl phthalate (DMP)	131-11-3	Plasticisers	coating	0.1%	D	No
Dipentyl phthalate (DPP)	131-18-0	Plasticisers		0.01%	P	Annex XIV
Mercuric subsulfate	1312-03-4	Metals, non-essential		0.1%	P	No
Molybdenum trioxide	1313-27-5	Unclassified		0.01%	D	No
Fludioxonil	131341-86-1	Biocides		0.0001%	R	No
Nickel nitrate	13138-45-9	Metals		0,5 µg/cm ² /week	R	No
Nickel(II) oxide	1313-99-1	Metals	catalyst	0,5 µg/cm ² /week	R	No
Nickel selenide	1314-05-2	Metals		0,5 µg/cm ² /week	R	No
Nickel(III) oxide	1314-06-3	Metals	catalyst	0,5 µg/cm ² /week	R	No
Zinc oxide	1314-13-2	Biocides	ceramics	0.1%	P	No
Thorium dioxide	1314-20-1	Unclassified	fuel	0.1%	R	No
Lead trioxide	1314-27-8	Metals, non-essential		0.1%	P	No
Lead tetraoxide	1314-41-6	Metals, non-essential	coating	0.1%	P	Yes
Antimony pentaoxide	1314-60-9	Metals, non-essential		0.1%	D	No
Vanadium(V) oxide	1314-62-1	Metals, non-essential		0.1%	D	No
Lead sulfide (PbS)	1314-87-0	Metals, non-essential		0.1%	P	No
cis-Cyclohexane-1,2-dicarboxylic anhydride	13149-00-3	Intermediate		0.1%	R	Yes
Lead telluride	1314-91-6	Metals, non-essential		0.1%	P	No
Zinc sulphide	1314-98-3	Biocides, non-agricultural		0.1%	P	No
Zinc selenide	1315-09-9	Metals		0.1%	D	No
Sodium pentachlorophenate (PCP)	131-52-2	Biocides, non-agricultural	antiseptic	0.0005%	P	No
2,4-Dihydroxybenzophenone	131-56-6	Unclassified		0.01%	D	No
Direct Orange 1	13164-93-7	Pigments		0.01%	P	No
Hexanoic acid, 2-ethyl-, mercury(2+) salt	13170-76-8	Metals, non-essential		0.1%	P	No
3,8,10-Trioxa-9-stannatetradeca-5,12-dien-14-oic acid, 9,9-dibutyl-4,7,11-trioxo-, ethyl ester, (Z,Z)-	13173-04-1	Metals, non-essential		0.1% by weight of tin	P	No
Lead monoxide	1317-36-8	Metals, non-essential		0.1%	P	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Copper oxide	1317-38-0	Biocides, non-agricultural		0.0001%	R	No
Dicopper oxide	1317-39-1	Biocides		0.1%	P	No
Cobalt(II) sulfide	1317-42-6	Metals		0.1%	D	No
Lead(II)carbonate hydroxide	1319-46-6	Metals, non-essential	colouring agent	0.1%	P	Yes
Cresol	1319-77-3	Intermediate	antioxidant	0.1%	D	No
Dichlorotetrafluoroethane (CFC)	1320-37-2	Solvents, halogenated	aerosol	0.1%	P	No
N-Methylacetamide	1320-47-4	Unclassified		0.1%	R	No
Propylene glycol monomethyl ether	1320-67-8	Solvents		0.1%	D	No
Chloro(hydroxyphenyl)mercury	1320-80-5	Metals, non-essential		0.1%	P	No
Pentachloronaphthalene (PCN)	1321-64-8	Unclassified	additive	0.1%	P	No
Trichloronaphthalene (PCN)	1321-65-9	Unclassified	additive	0.1%	P	No
Asbestos, Chrysotile	132207-32-0	Fibres	filler	0.1%	P	No
Asbestos, Crocidolite	132207-33-1	Fibres	filler	0.1%	R	No
Sodium 2-biphenylate	132-27-4	Biocides		0.0001%	R	No
Benzenesulfonic acid, [[4-[[4-(phenylamino)phenyl][4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]phenyl]amino]- (Pigment Blue 61)	1324-76-1	Pigments		0.1%	D	No
C.I. Direct Brown 33, C.I.35520	1324-87-4	Pigments		0.003%	P	No
Benzoic acid, 2-[(2-hydroxy-3,6-disulfo- 1-naphthalenyl)azo]-, barium salt (1:2)	1325-16-2	Metals, non-essential		0.1%	D	No
Mercury bis(trifluoroacetate)	13257-51-7	Metals, non-essential		0.1%	P	No
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-, lead salt	1326-05-2	Metals, non-essential		0.1%	P	No
Antimony oxide	1327-33-9	Metals, non-essential		0.1%	D	No
Arsenic acid	1327-52-2	Metals, non-essential	finish remover	0.01%	R	No
Diarsenic trioxide	1327-53-3	Metals, non-essential	antifouling dye	0.01%	P	Annex XIV
Zinc chromate	1328-67-2	Metals, non-essential		0.1%	P	No
Bis[(trimethylsilyl)methyl]mercury	13294-23-0	Metals, non-essential		0.1%	P	No
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1) (PFHxS)	1329995-45-0	Solvents, halogenated		0.1%	R	Yes
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-) (1:1) (PFHxS)	1329995-69-8	Solvents, halogenated		0.1%	R	Yes
Phenylmercury 2-ethylhexanoate	13302-00-6	Metals, non-essential		0.01%	P	No
Tributyltin methanesulphonate	13302-06-2	Biocides		0.0001%	P	No
Xylene (mixed isomers)	1330-20-7	Solvents	cleaner	0.1%	D	No
Sodium tetraborate	1330-43-4	Flame retardant	insulation	0.1%	P	Yes
Chlorotrifluoroethane (HCFC)	1330-45-6	Solvents, halogenated		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Captan (ISO)	133-06-2	Biocides, non-agricultural	bactericide	0.1%	P	No
N-(Trichloromethylthio)phthalimide	133-07-3	Biocides, non-agricultural	bactericide	0.0001%	R	No
Tris(methylphenyl) phosphate	1330-78-5	Unclassified		0.01%	D	No
2,4-Dichlorobenzoyl peroxide	133-14-2	Unclassified		0.1%	D	No
Asbestos, Ascarite	1332-21-4	Fibres	filler	0.1%	R	No
Dibutyltin dioleate	13323-62-1	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin dipalmitate	13323-63-2	Metals, non-essential		0.1% by weight of tin	P	No
Cobalt sulfide (Co ₂ S ₃)	1332-71-4	Metals		0.1%	D	No
Beryllium hydroxide	13327-32-7	Metals, non-essential		0.1%	R	No
Tributyltin acrylate	13331-52-7	Biocides		0.0001%	P	No
Chromium trioxide	1333-82-0	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Carbon black	1333-86-4	Pigments		0.01%	D	No
Aluminum cobalt oxide (Al ₂ CoO ₄)	1333-88-6	Metals		0.1%	D	No
Lead oxide	1335-25-7	Metals, non-essential		0.1%	P	No
Mercuric oxycyanide	1335-31-5	Metals, non-essential		0.1%	P	No
Lead subacetate	1335-32-6	Metals, non-essential	catalyst	0.1%	P	No
Bis(tris(2-methyl-2-phenylpropyl)tin) oxide	13356-08-6	Biocides		0.1%	P	No
6-Methyl-3-nitrobenzoxamercurate	133-58-4	Metals, non-essential		0.1%	P	No
Hexachloronaphthalene (PCN)	1335-87-1	Unclassified	additive	0.1%	P	No
Tetrachloronaphthalene (PCN)	1335-88-2	Unclassified	additive	0.1%	P	No
Ammonium hydroxide	1336-21-6	Solvents	cleaner	0.01%	D	No
Chlorinated biphenyl (PCB)	1336-36-3	Flame retardant	additive in oil	0.0002%	P	No
Naphthenic acids, mercury salts	1336-96-5	Metals, non-essential		0.1%	P	No
Amines, N-C16-18-alkylpropane-1,3-diamine	133779-11-0	Amines		0.01%	D	No
Naphthenic acids, copper salts	1338-02-9	Biocides, non-agricultural		0.1%	P	No
Lead(2+) 2,4-dinitrosorcinolate	13406-89-8	Metals, non-essential		0.1%	P	No
Cobalt(3+), tris(1,2-ethanediamine-N,N')-, trichloride, (OC-6-11)-	13408-73-6	Metals		0.1%	D	No
Ammonium bifluoride	1341-49-7	Biocides, non-agricultural	wood preserver	0.1%	D	No
Pentachlorofluoropropane (HCFC)	134190-48-0	Solvents, halogenated	aerosol	0.1%	P	No
Tetrachlorofluoropropane (HCFC)	134190-49-1	Solvents, halogenated		0.1%	P	No
Chlorotetrafluoropropane (HCFC)	134190-50-4	Solvents, halogenated	aerosol	0.1%	P	No
Trichlorofluoropropane (HCFC)	134190-51-5	Solvents, halogenated		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Dichlorodifluoropropane (HCFC)	134190-52-6	Solvents, halogenated	aerosol	0.1%	P	No
Chlorodifluoropropane (HCFC)	134190-53-7	Solvents, halogenated	aerosol	0.1%	P	No
Chlorofluoropropane (HCFC)	134190-54-8	Solvents, halogenated	aerosol	0.1%	P	No
Chromic acid (H ₂ CrO ₄), magnesium salt (1:1)	13423-61-5	Metals, non-essential		0.1%	P	No
Pentachlorotrifluoropropane (CFC)	134237-31-3	Solvents, halogenated	aerosol	0.1%	P	No
Tetrachlorofluoroethane (HCFC)	134237-32-4	Solvents, halogenated	aerosol	0.1%	P	No
Trichlorofluoroethane (HCFC)	134237-34-6	Solvents, halogenated		0.1%	P	No
Hexachlorofluoropropane (HCFC)	134237-35-7	Solvents, halogenated		0.1%	P	No
Pentachlorodifluoropropane (HCFC)	134237-36-8	Solvents, halogenated		0.1%	P	No
Tetrachlorotrifluoropropane (HCFC)	134237-37-9	Solvents, halogenated		0.1%	P	No
Trichlorotetrafluoropropane (HCFC)	134237-38-0	Solvents, halogenated		0.1%	P	No
Tetrachlorodifluoropropane (HCFC)	134237-39-1	Solvents, halogenated		0.1%	P	No
Trichlorotrifluoropropane (HCFC)	134237-40-4	Solvents, halogenated		0.1%	P	No
Chloropentafluoropropane (HCFC)	134237-41-5	Solvents, halogenated		0.1%	P	No
Trichlorodifluoropropane (HCFC)	134237-42-6	Solvents, halogenated		0.1%	P	No
Dichlorotrifluoropropane (HCFC)	134237-43-7	Solvents, halogenated		0.1%	P	No
Chlorotrifluoropropane (HCFC)	134237-44-8	Solvents, halogenated		0.1%	P	No
Dichlorofluoropropane (HCFC)	134237-45-9	Solvents, halogenated		0.1%	P	No
alpha-Hexabromocyclododecane (HBCD)	134237-50-6	Flame retardant	electronics	0.01%	P	Annex XIV
beta-Hexabromocyclododecane (HBCD)	134237-51-7	Flame retardant	electronics	0.01%	P	Annex XIV
gamma-Hexabromocyclododecane (HBCD)	134237-52-8	Flame retardant	electronics	0.01%	P	Annex XIV
Lead azide	13424-46-9	Metals, non-essential	explosives	0.1%	P	Yes
Lead sulfochromate yellow	1344-37-2	Pigments	coating	0.01%	P	Annex XIV
C.I. Pigment Orange 21	1344-38-3	Pigments		0.1%	P	No
Lead oxide phosphonate hemihydrate	1344-40-7	Metals, non-essential		0.1%	P	No
Mercury (II) chromate	13444-75-2	Metals, non-essential		0.1%	P	No
Mercury sulfide (HgS)	1344-48-5	Metals, non-essential		0.1%	P	No
Hexachlorodifluoropropane (CFC)	134452-44-1	Solvents, halogenated	aerosol	0.1%	P	No
Ammonium nitrite	13446-48-5	Amines		0.1%	D	No
Cadmium mercury Sulfide	1345-09-1	Pigments		0.01%	P	No
C.I. Pigment Blue 28	1345-16-0	Pigments		0.1%	D	No
Cobalt tin oxide (CoSnO ₃)	1345-19-3	Metals		0.1%	D	No
Diarsenic acid	13453-15-1	Metals, non-essential		0.01%	R	No
Dithallium dichromate	13453-35-5	Metals, non-essential		0.1%	P	No
Phosphonic acid, lead(2+) salt (1:1)	13453-65-1	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead pyrophosphate	13453-66-2	Metals, non-essential		0.1%	P	No
Cesium chromate	13454-78-9	Metals, non-essential		0.1%	P	No
Cobalt chromate (Chromic acid (H ₂ CrO ₄), cobalt(2+) salt (1:1))	13455-25-9	Metals, non-essential		0.1%	P	No
Perchloric acid, cobalt(2+) salt	13455-31-7	Propellant		0.1%	R	No
Dicobalt orthosilicate	13455-33-9	Metals		0.1%	D	No
Tricobalt bis(orthophosphate)	13455-36-2	Metals		0.1%	D	No
Nickel bromide (NiBr ₂)	13462-88-9	Metals		0,5 µg/cm ² /week	R	No
Nickel(II) iodide	13462-90-3	Metals		0,5 µg/cm ² /week	R	No
Arsenic acid (H ₃ AsO ₄), monoammonium salt	13462-93-6	Metals, non-essential		0.01%	R	No
Lead tetrachloride	13463-30-4	Metals, non-essential		0.1%	P	No
Nickel carbonyl	13463-39-3	Metals	catalyst	0,5 µg/cm ² /week	R	No
Pyrithione zinc; (T-4)-Bis[2-(thioxo-kappaS)-pyridin-1(2H)-olato-kappaO]zinc(II)	13463-41-7	Biocides, non-agricultural		0.0001%	R	No
Titanium dioxide	13463-67-7	Biocides		0.0001%	R	No
Potassium arsenite	13464-35-2	Metals, non-essential		0.01%	R	No
Arsenous acid, trisodium salt	13464-37-4	Metals, non-essential		0.01%	R	No
Arsenic acid, trisodium salt	13464-38-5	Metals, non-essential		0.01%	R	No
Arsenic acid (H ₃ AsO ₄), zinc salt (2:3)	13464-44-3	Metals, non-essential		0.01%	R	No
Arsenous acid	13464-58-9	Metals, non-essential		0.01%	R	No
Arsenic acid (H ₃ AsO ₄), strontium salt (2:3)	13464-68-1	Metals, non-essential		0.01%	R	No
Cadmium bromide, tetrahydrate	13464-92-1	Metals, non-essential		0.01%	P	No
Nitric acid, mercury(2+) salt, hemihydrate	13465-31-1	Metals, non-essential		0.1%	P	No
Mercury(1+) bromate	13465-33-3	Metals, non-essential		0.1%	P	No
Mercury (I) chromate	13465-34-4	Metals, non-essential		0.1%	P	No
Barium perchlorate	13465-95-7	Propellant		0.1%	R	No
Thallium (I) chromate	13473-75-1	Metals, non-essential		0.1%	P	No
1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC)	13474-88-9	Solvents, halogenated	aerosol	0.1%	P	No
Chloric acid, barium salt	13477-00-4	Metals, non-essential		0.1%	D	No
Arsenic acid (H ₃ AsO ₄), barium salt (2:3)	13477-04-8	Metals, non-essential		0.01%	R	No
Phosphoric acid, cadmium salt (2:3)	13477-17-3	Metals, non-essential		0.01%	P	No
Silicic acid (H ₂ SiO ₃), cadmium salt (1:1)	13477-19-5	Metals, non-essential		0.01%	P	No
Cadmium sulphite	13477-23-1	Metals, non-essential		0.01%	P	No
Trinickel bis(arsenate)	13477-70-8	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel dinitrate hexahydrate	13478-00-7	Metals		0,5 µg/cm ² /week	R	No
Dicobalt tris(sulphate)	13478-09-6	Metals		0.1%	D	No
Arsenic acid (H3AsO4), trillithium salt	13478-14-3	Metals, non-essential		0.01%	R	No
Lead thiosulfate	13478-50-7	Metals, non-essential		0.1%	P	No
C.I. Direct Violet 13, C.I.2480	13478-92-7	Pigments		0.003%	P	No
Bis(butanedione dioximato)nickel	13478-93-8	Metals		0,5 µg/cm ² /week	R	No
Arsenic acid (H3AsO4), trisilver(1+) salt	13510-44-6	Metals, non-essential		0.01%	R	No
Nitric acid, beryllium salt, tetrahydrate	13510-48-0	Metals, non-essential		0.1%	R	No
Beryllium sulfate	13510-49-1	Metals, non-essential		0.1%	R	No
Lead antimonate	13510-89-9	Metals, non-essential		0.1%	P	No
Perboric acid, monosodium salt, trihydrate	13517-20-9	Unclassified		0.1%	R	Yes
Perchloric acid, nickel(2+) salt, hexahydrate	13520-61-1	Propellant		0,5 µg/cm ² /week	R	No
Zinc chromate	13530-65-9	Metals, non-essential	coating	0.1%	P	No
Dichromic-acid	13530-68-2	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Heptachlorofluoropropane (CFC)	135401-87-5	Solvents, halogenated	aerosol	0.1%	P	No
Copper chromate	13548-42-0	Metals, non-essential		0.1%	P	No
1,4,7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	13560-89-9	Flame retardant		0.1%	R	Yes
Lead silicate	13566-17-1	Metals, non-essential		0.1%	P	No
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (Dichlorane Plus)	135821-03-3	Flame retardant		0.1%	R	Yes
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (Dichlorane Plus)	135821-74-8	Flame retardant		0.1%	R	Yes
Sulfuric acid, ammonium cobalt(2+) salt	13586-38-4	Metals		0.1%	D	No
Cobalt octoate	13586-82-8	Metals		0.1%	D	No
Cobalt stearate	13586-84-0	Metals		0.1%	D	No
Phenyl-beta-naphthylamine	135-88-6	Amines	antiageing	0.01%	D	No
Dodecylguanidine monohydrochloride	13590-97-1	Biocides, non-agricultural		0.1%	P	No
Phosphoric acid, cobalt(2+) salt (1:1)	13596-21-9	Metals		0.1%	D	No
Dipotassium disulphatocobaltate	13596-22-0	Metals		0.1%	D	No
Sulfuric acid, ammonium cobalt(2+) salt (2:2:1)	13596-46-8	Metals		0.1%	D	No
Beryllium nitrate	13597-99-4	Metals, non-essential		0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Beryllium phosphate	13598-15-7	Metals, non-essential		0.1%	R	No
Beryllium sulfide (BeS)	13598-22-6	Metals, non-essential		0.1%	R	No
Phosphoric acid, beryllium salt (2:3)	13598-26-0	Metals, non-essential		0.1%	R	No
Trisodium hexanitricobaltate	13600-98-1	Metals		0.1%	D	No
1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC)	136013-79-1	Solvents, halogenated	aerosol	0.1%	P	No
Nickel perchlorate	13637-71-3	Propellant		0,5 µg/cm ² /week	R	No
Lead perchlorate	13637-76-8	Propellant		0.1%	P	No
Cobalt bis(2-ethylhexanoate)	136-52-7	Metals		0.1%	D	No
Decabromobiphenyl (PBB)	13654-09-6	Flame retardant	electronics	0.001%	P	No
Nickel(2+) palmitate	13654-40-5	Metals		0,5 µg/cm ² /week	R	No
Tris(2-chloro-1-methylethyl) phosphate	13674-84-5	Flame retardant	flame proofing agent	0.01%	D	No
Tris(1,3-dichloro-2-propyl) phosphate	13674-87-8	Flame retardant		0.1%	R	No
Copper dichromate	13675-47-3	Metals, non-essential		0.1%	P	No
Nickel dithiocyanate	13689-92-4	Metals		0,5 µg/cm ² /week	R	No
2-Butenedioic acid (E)-, lead salt	13698-55-0	Metals, non-essential		0.1%	P	No
Diboron tricadmium hexaoxide	13701-66-1	Metals, non-essential		0.01%	P	No
Arsenic acid (H3AsO4), bismuth salt (1:1)	13702-38-0	Metals, non-essential		0.01%	R	No
Potassium 2-biphenylate	13707-65-8	Biocides, non-agricultural		0.1%	P	No
2,4,5-Trimethylaniline	137-17-7	Amines	antioxidant	0.1%	R	No
Barium selenite	13718-59-7	Metals, non-essential		0.1%	D	No
Thiram	137-26-8	Biocides, non-agricultural	fungicide	0.1%	P	No
Ziram	137-30-4	Biocides, non-agricultural		0.1%	P	No
Metam potassium; Potassium methylthiocarbamate	137-41-7	Biocides, non-agricultural		0.1%	P	No
Metam-sodium; Metam; Sodium ethyldithiocarbamate	137-42-8	Biocides, non-agricultural		0.0001%	R	No
1,2-Dibromo-1,1,2-trichloroethane	13749-38-7	Solvents, halogenated		0.1%	P	No
Dicadmium hexakis(cyano-C)ferrate(4-)	13755-33-4	Metals, non-essential		0.01%	P	No
Cobalt(II) molybdate	13762-14-6	Metals		0.1%	D	No
Calcium-chromate	13765-19-0	Metals, non-essential	colouring agent	0.1%	P	No
Lead disulphamidate	13767-78-7	Metals, non-essential		0.1%	P	No
Asbestos, Actinolite	13768-00-8	Fibres	filler	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel sulfamate	13770-89-3	Metals		0,5 µg/cm ² /week	R	No
Trisodium hexafluoroaluminate	13775-53-6	Unclassified		0.1%	D	No
Dinickel orthosilicate	13775-54-7	Metals		0,5 µg/cm ² /week	R	No
Calcium nitrite	13780-06-8	Unclassified		0.1%	D	No
Cobaltate(3-), hexakis(nitrito-N)-, tripotassium, (OC-6-11)-	13782-01-9	Metals		0.1%	D	No
Selenious acid, cadmium salt (1:1)	13814-59-0	Metals, non-essential		0.01%	P	No
Selenic acid, cadmium salt (1:1)	13814-62-5	Metals, non-essential		0.01%	P	No
Lead bis(tetrafluoroborate)	13814-96-5	Metals, non-essential		0.1%	P	Yes
(1R, 2R, 5R, 6S, 9S, 10S)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	138257-17-7	Flame retardant		0.01%	P	No
(1R, 2R, 5R, 6S, 9R, 10S)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	138257-18-8	Flame retardant		0.01%	P	No
(1R, 2S, 5S, 6R, 9S, 10S)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	138257-19-9	Flame retardant		0.01%	P	No
Nitrous acid, lead(2+) salt	13826-65-8	Metals, non-essential		0.1%	P	No
Cadmium diricinoleate	13832-25-2	Metals, non-essential		0.01%	P	No
Nickel dipotassium bis(sulphate)	13842-46-1	Metals		0,5 µg/cm ² /week	R	No
Lead tellurite	13845-35-7	Metals, non-essential		0.1%	P	No
Phosphoric acid, cadmium salt	13847-17-1	Metals, non-essential		0.01%	P	No
1,1,1,2,2,3,4,5,5,5-Decafluoropentane (HFC)	138495-42-8	Solvents, halogenated	cleaner	0.1%	P	No
Cobalt(2+), pentaamminechloro-, dichloride, (OC-6-22)-	13859-51-3	Metals		0.1%	D	No
Dipotassium tetrafluoronickelate(2-)	13859-60-4	Metals		0,5 µg/cm ² /week	R	No
Phenylmercury octanoate	13864-38-5	Metals, non-essential		0.01%	P	No
Cobalt, [N-(carboxymethyl)glycinato(2-)-N,O,ON]-	13869-30-2	Metals		0.1%	D	No
Nickel, [N-(carboxymethyl)glycinato(2-)-N,O,ON]-	13869-33-5	Metals		0,5 µg/cm ² /week	R	No
Disodium tetrafluoroberyllate	13871-27-7	Metals, non-essential		0.1%	R	No
Mercurate(2-), tetraiodo-, dicopper(1+), (T-4)-	13876-85-2	Metals, non-essential		0.1%	P	No
Hexaaminenickel(2+) bis[tetrafluoroborate(1-)]	13877-20-8	Metals		0,5 µg/cm ² /week	R	No
Mercurate(1-), (4-carboxylatophenyl)hydroxy-, sodium	138-85-2	Metals, non-essential		0.1%	P	No
Limonene	138-86-3	Solvents	cleaner	0.1%	D	No
Disodium cyanodithiocarbamate	138-93-2	Biocides		0.1%	P	No
Miristalkonium chloride	139-08-2	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel dibutyldithiocarbamate	13927-77-0	Metals		0,5 µg/cm ² /week	R	No
Nickel fluoride (NiF ₂), tetrahydrate	13940-83-5	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(3-), hexakis(cyano-C)-, tripotassium, (OC-6-11)-	13963-58-1	Metals		0.1%	D	No
4,4'-Thiodianiline	139-65-1	Amines	antioxidant	0.1%	R	No
Dimercury difluoride	13967-25-4	Metals, non-essential		0.1%	P	No
Cadmium molybdenum oxide (CdMoO ₄)	13972-68-4	Metals, non-essential		0.01%	P	No
Amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid	139734-65-9	Biocides, non-agricultural		0.1%	P	No
6,6'-Dihydroxy-3,3'-diarsene-1,2-diylidylanilinium dichloride	139-93-5	Metals, non-essential		0.01%	R	No
Sulfamic acid, cadmium salt (2:1)	14017-36-8	Metals, non-essential		0.01%	P	No
Cobaltous sulfamate	14017-41-5	Metals		0.1%	D	No
Zinc dichromate	14018-95-2	Metals, non-essential	coating	0.1%	P	No
Cobalt(3+), hexaammine-, (OC-6-11)-, triacetate	14023-85-9	Metals		0.1%	D	No
Cobalt, bis(2,4-pentanedionato-O,O')-, (T-4)-	14024-48-7	Metals		0.1%	D	No
Dipotassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON]cobaltate(2-)	14025-10-6	Metals		0.1%	D	No
Cobaltate(3-), hexakis(cyano-C)-, trisodium, (OC-6-11)-	14039-23-7	Metals		0.1%	D	No
Cobaltate(3-), hexakis(cyano-C)-, zinc (2:3), (OC-6-11)-	14049-79-7	Metals		0.1%	D	No
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (SP-4-1)-	14055-02-8	Metals		0,5 µg/cm ² /week	R	No
(2-Carboxyphenyl)hydroxymercury	14066-61-6	Metals, non-essential		0.1%	P	No
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	Surface-active agents	cleaner	0.1%	R	Yes
Cadmium hydrogen phosphate	14067-62-0	Metals, non-essential		0.01%	P	No
Ethyl acrylate	140-88-5	Intermediate, monomers	adhesive	0.1%	D	No
1,3-bis(hydroxymethyl)urea	140-95-4	Biocides, non-agricultural		0.1%	P	No
Tricarbonylnitrosylcobalt	14096-82-3	Metals		0.1%	D	No
Mercury dipotassium tetrathiocyanate	14099-12-8	Metals, non-essential		0.1%	P	No
Bis(quinolin-8-olato-N1,O8)nickel	14100-15-3	Metals		0,5 µg/cm ² /week	R	No
Cadmium succinate	141-00-4	Metals, non-essential		0.01%	P	No
Magnesium dichromate	14104-85-9	Metals, non-essential		0.1%	P	No
Lead 205	14119-28-9	Metals, non-essential		0.1%	P	No
Cobaltate(3-), hexakis(cyano-C)-, cobalt(2+) (2:3), (OC-6-11)-	14123-08-1	Metals		0.1%	D	No
Cobalt, dibromobis(triphenylphosphine)-, (T-4)-	14126-32-0	Metals		0.1%	D	No
Bis(1-phenylbutane-1,3-dionato-O,O')cobalt	14128-95-1	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Butyl acrylate	141-32-2	Intermediate	synthesis	0.01%	D	No
2-Aminoethanol	141-43-5	Unclassified		0.01%	D	No
Mercury, iodo(iodomethyl)-	141-51-5	Metals, non-essential		0.1%	P	No
trans-Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	Intermediate		0.1%	R	Yes
[5,10,15,20-Tetraphenyl-21H,23H-porphinato(2-)-N21,N22,N23,N24]cobalt	14172-90-8	Metals		0.1%	D	No
Ethyl acetate	141-78-6	Solvents	hardener	0.1%	D	No
Aniline hydrochloride	142-04-1	Amines		0.1%	D	No
Dibutyltin disalicylate	14214-24-5	Metals, non-essential		0.1% by weight of tin	P	No
Nitric acid, cobalt salt	14216-74-1	Metals		0.1%	D	No
Nitric acid, nickel salt	14216-75-2	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(4-), hexakis(cyano-C)-, tetrasodium, (OC-6-11)-	14217-00-6	Metals		0.1%	D	No
Nickel potassium cyanide	14220-17-8	Metals		0,5 µg/cm ² /week	R	No
Nickel, tetrakis(triphenyl phosphite-P)-, (T-4)-	14221-00-2	Metals		0,5 µg/cm ² /week	R	No
Hydrargaphen	14235-86-0	Metals, non-essential		0.1%	P	No
Cadmiumbis(diethylthiocarbamat)	14239-68-0	Metals, non-essential		0.01%	P	No
Lead 210	14255-04-0	Metals, non-essential		0.1%	P	No
Nabam; Disodium ethylenebis(N,N'-dithiocarbamate)	142-59-6	Biocides, non-agricultural		0.1%	P	No
Nickel, bis(diethylcarbamodithioato-S,S')-, (SP-4-1)-	14267-17-5	Metals		0,5 µg/cm ² /week	R	No
4-(1-Ethyl-1,4-dimethylpentyl)phenol	142731-63-3	Surface-active agents	surfactant	0.1%	R	Yes
Bis(tributyltin) maleate	14275-57-1	Biocides		0.0001%	P	No
n-Heptane	142-82-5	Solvents	adhesive	0.1%	D	No
Refractories, fibers, aluminosilicate	142844-00-6	Fibres		0.1%	R	Yes
Dipropylamine	142-84-7	Intermediate	herbicide	0.1%	D	No
Cobaltate(4-), [29H,31H-phthalocyanine-2,9,16,23-tetrasulfonato(6-)-N29,N30,N31,N32]-, tetrahydrogen, (SP-4-1)-	14285-59-7	Metals		0.1%	D	No
Dodecyl methacrylate	142-90-5	Intermediate, monomers		0.1%	D	No
Chromic acid, calcium salt, (Calcium dichromate)	14307-33-6	Metals, non-essential		0.1%	P	No
Lithium chromate	14307-35-8	Metals, non-essential		0.1%	P	No
Cadmium chromate	14312-00-6	Metals, non-essential		0.01%	P	No
Bis-hexamethylenetriamine (Polyamine Curing Agent)	143-23-7	Amines		0.1%	D	No
Nickel hydride (NiH)	14332-32-2	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel hydrogen phosphate	14332-34-4	Metals		0,5 µg/cm ² /week	R	No
Iodomethylmercury	143-36-2	Metals, non-essential		0.1%	P	No
Chlordecone	143-50-0	Biocides	insecticide	0.1%	P	No
Phenyl(quinolin-8-olato-N1,O8)mercury	14354-56-4	Metals, non-essential		0.1%	P	No
3-Ethyl-2-methyl-2-(3-methylbutyl)-oxazolidine	143860-04-2	Unclassified		0.1%	R	Yes
Nickel phosphate	14396-43-1	Metals		0,5 µg/cm ² /week	R	No
Cadmate(2-), tetrakis(cyano-C)-, dipotassium, (T-4)-	14402-75-6	Metals, non-essential		0.01%	P	No
Bis(1,3-diphenylpropane-1,3-dionato-O,O)cobalt	14405-50-6	Metals		0.1%	D	No
Methyl 3-chlorobenzothiophene-2-carboxylate	14406-71-4	Metals		0,5 µg/cm ² /week	R	No
Nonaethylene glycol p-nonylphenyl ether	14409-72-4	Surface-active agents	surfactant	0.01%	P	Annex XIV
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	144116-10-9	Solvents, halogenated		0.1%	R	Yes
Cobalt titanium tungsten oxide ((Co,Ti,W)O2)	144437-67-2	Metals		0.1%	D	No
Chromic acid, ammonium salt	14445-91-1	Metals, non-essential		0.1%	P	No
Diphosphoric acid, nickel(2+) salt (1:2)	14448-18-1	Metals		0,5 µg/cm ² /week	R	No
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead salt	14450-60-3	Metals, non-essential		0.1%	P	No
Silica (crystalline-cristobalite)	14464-46-1	Fibres	fibrous material	0.1%	D	No
Lead acrylate	14466-01-4	Metals, non-essential		0.1%	P	No
Cadmium fluoborate	14486-19-2	Metals, non-essential		0.01%	P	No
Nickel bis(phosphinate)	14507-36-9	Metals		0,5 µg/cm ² /week	R	No
Tricopper bis[hexa(cyano-c)cobaltate(3-)]	14518-26-4	Metals		0.1%	D	No
Phosphoric acid, ammonium cadmium salt (1:1:1)	14520-70-8	Metals, non-essential		0.01%	P	No
Benzoyloxy methanol	14548-60-8	Biocides		0.1%	P	No
Nickel dibromate	14550-87-9	Metals		0,5 µg/cm ² /week	R	No
Decabromodiphenyl ether (PBDE)	145538-74-5	Flame retardant		0.1%	P	Yes
Cobaltate(4-), hexakis(cyano-C)-, tetrapotassium, (OC-6-11)-	14564-70-6	Metals		0.1%	D	No
Asbestos, Tremolite	14567-73-8	Fibres	filler	0.1%	R	No
Cobalt dipalmitate	14582-18-4	Metals		0.1%	D	No
Phosphoric acid, ammonium cobalt(2+) salt (1:1:1)	14590-13-7	Metals		0.1%	D	No
Selenic acid, cobalt(2+) salt (1:1)	14590-19-3	Metals		0.1%	D	No
Bis(dibutylidithiocarbamate-S,S')cobalt	14591-57-2	Metals		0.1%	D	No
Tributyltin chloride	1461-22-9	Biocides		0.0001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Tributyltin bromide	1461-23-0	Biocides		0.0001%	P	No
Quinolinium,1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	1462414-59-0	Solvents, halogenated		0.1%	R	Yes
Diphosphoric acid, cobalt(2+) salt (1:2)	14640-56-3	Metals		0.1%	D	No
Ammonium-magnesium-arsenat	14644-70-3	Metals, non-essential		0.01%	R	No
Cobaltate(3-), hexakis(nitrito-O)-, trisodium, (OC-6-11)-	14649-73-1	Metals		0.1%	D	No
9-Octadecenoic acid (Z)-, cobalt salt	14666-94-5	Metals		0.1%	D	No
9,12-Octadecadienoic acid (Z,Z)-, cobalt salt	14666-96-7	Metals		0.1%	D	No
Bis(pentane-2,4-dionato-O,O')cadmium	14689-45-3	Metals, non-essential		0.01%	P	No
Nickel(II) fluoborate	14708-14-6	Metals		0,5 µg/cm ² /week	R	No
Lead borate	14720-53-7	Metals, non-essential		0.1%	P	No
Nickel chromate	14721-18-7	Metals, non-essential		0.1%	P	No
Cobalt(2+) dibromate	14732-58-2	Metals		0.1%	D	No
Mercury, bis(phenyldiazene-carbothioic acid 2-phenylhydrazidato-N2,S)-, (T-4)-	14783-59-6	Metals, non-essential		0.1%	P	No
Quartz	14808-60-7	Fibres	fibrous material	1%	R	No
Mercury (I) nitrate	14836-60-3	Metals, non-essential		0.1%	P	No
Plumbane, tetrakis(1-methylethyl)-	14846-40-3	Metals, non-essential		0.1%	P	No
Colophony resin	148499-15-4	Complex mixtures	adhesive	0.1%	D	No
2-(Ethylmercuriothio)benzoic acid	148-61-8	Metals, non-essential		0.1%	P	No
Tris(ethylenediamine)cadmium dihydroxide	14874-24-9	Metals, non-essential		0.01%	P	No
Beryllate(2-), tetrafluoro-, diammonium	14874-86-3	Metals, non-essential		0.1%	R	No
Thiabendazole; Thiabendazol; 2-(Thiazole-4-yl)benzimidazole	148-79-8	Biocides, non-agricultural		0.01%	D	No
Tetrabromofluoropropane (HBFC)	148875-95-0	Solvents, halogenated		0.1%	P	No
Tetrabromodifluoropropane (HBFC)	148875-98-3	Solvents, halogenated		0.1%	P	No
Bis(2-sulfidopyridin-1-olato)copper; bis(1-hydroxy-1H-pyridine-2-thionato-O,S)copper	14915-37-8	Biocides, non-agricultural		0.1%	P	No
Cadmium diicosanoate	14923-81-0	Metals, non-essential		0.01%	P	No
2-Benzothiazolethiol	149-30-4	Biocides		0.1%	P	No
Cobaltate(2-), [[N,N'-1,2-ethanediy]bis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']-, (OC-6-21)-	14931-83-0	Metals		0.1%	D	No
Cadmium bis(piperidine-1-carbodithioate)	14949-59-8	Metals, non-essential		0.01%	P	No
Bis(dimethyldithiocarbamate-S,S')cadmium	14949-60-1	Metals, non-essential		0.01%	P	No
Bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato-O,O')nickel	14949-69-0	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
4,4,6,6-Tetrabromo[1,1'-biphenyl]-2,2'-diol	14957-65-4	Flame retardant		0.001%	P	No
Cobalt dilaurate	14960-16-8	Metals		0.1%	D	No
Cobalt cyanide (Co(CN)3)	14965-99-2	Metals		0.1%	D	No
Chromyl dichloride	14977-61-8	Metals, non-essential	coating	0.1%	P	No
Chromium (VI) chloride	14986-48-2	Metals, non-essential		0.1%	P	No
Nickel acetate	14998-37-9	Metals		0,5 µg/cm ² /week	R	No
Bis(ethylselenyl)diiron tetranitrosyl (6Cl)	15025-89-5	Unclassified		0.1%	D	No
Nickel selenate	15060-62-5	Metals		0,5 µg/cm ² /week	R	No
Monuron (ISO)	150-68-5	Biocides		0.1%	D	No
Magnesium nitrite	15070-34-5	Metals		0.1%	D	No
(+/-)-1,7,7-Trimethyl-3-(phenylmethylene)bicyclo(2.2.1)heptan-2-one	15087-24-8			0.1%	R	Yes
Cryolite	15096-52-3	Unclassified		0.1%	D	No
C.I. Disperse Orange 149	151126-94-2	Pigments		0.003%	P	No
Bromodifluoromethane (HBFC)	1511-62-2	Solvents, halogenated	aerosol	0.1%	P	No
Sodium metaarsenate	15120-17-9	Metals, non-essential		0.01%	R	No
Sodium perborate	15120-21-5	Unclassified		0.1%	R	Yes
Cobalt disodium ethylenediaminetetraacetate	15137-09-4	Metals		0.1%	D	No
Methoxyethylmercuric acetate	151-38-2	Metals, non-essential		0.1%	P	No
Aziridine	151-56-4	Unclassified		0.1%	D	No
N,N-dimethylformamide	15175-63-0	Unclassified		0.1%	R	No
N,N-dimethylformamide	15175-77-6	Unclassified		0.1%	R	No
Lead, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (SP-4-1)-	15187-16-3	Metals, non-essential		0.1%	P	No
Tris(heptane-3,5-dionato-O,O')cobalt	15188-91-7	Metals		0.1%	D	No
Silicic acid (H4SiO4), beryllium salt (1:2)	15191-85-2	Metals, non-essential		0.1%	R	No
Calcium arsenite (2:1)	15194-98-6	Metals, non-essential		0.01%	R	No
Strontium arsenite	15195-06-9	Metals, non-essential		0.01%	R	No
Chlorotrimethylplumbane	1520-78-1	Metals, non-essential		0.1%	P	No
Cobalt, tris(3-bromo-2,4-pentanedionato-O,O')-, (OC-6-11)-	15218-44-7	Metals		0.1%	D	No
Cobalt iodide (CoI2)	15238-00-3	Metals		0.1%	D	No
Cadmium sulphate	15244-35-6	Pigments		0.01%	P	Yes
Lead styphnate	15245-44-0	Metals, non-essential	detonator	0.1%	P	Yes
Bis(pentane-2,4-dionato-O,O')lead	15282-88-9	Metals, non-essential		0.1%	P	No
Triethyltin phenoxide	1529-30-2	Biocides		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lauric acid, lead salt	15306-30-6	Metals, non-essential		0.1%	P	No
Nickel, bis[bis(2-methylpropyl)carbamodithioato-S,S']-, (SP-4-1)-	15317-78-9	Metals		0,5 µg/cm ² /week	R	No
Cadmium-barium laurate	15337-60-7	Metals, non-essential		0.01%	P	No
Iodonium,diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	153443-35-7	Solvents, halogenated		0.1%	R	Yes
9-Octadecenoic acid (Z)-, lead salt	15347-55-4	Metals, non-essential		0.1%	P	No
Lead acetate	15347-57-6	Metals, non-essential		0.1%	P	No
Thiamethoxam	153719-23-4	Biocides, non-agricultural		0.1%	P	No
Dimercury diiodide	15385-57-6	Metals, non-essential		0.1%	P	No
Mercury bromide (Hg2Br2)	15385-58-7	Metals, non-essential		0.1%	P	No
Chloropentakis(methylamine)cobalt dichloride	15392-59-3	Metals		0.1%	D	No
Tridymite	15468-32-3	Unclassified		0.1%	D	No
Mercury bis(4-chlorobenzoate)	15516-76-4	Metals, non-essential		0.1%	P	No
Propanoic acid, 2,2-dimethyl-, cobalt(2+) salt	15520-31-7	Metals		0.1%	D	No
Nitric acid, cobalt(3+) salt	15520-84-0	Metals		0.1%	D	No
Phosphonic acid, lead(2+) salt (2:1)	15521-60-5	Metals, non-essential		0.1%	P	No
Nickel dimethyldithiocarbamate	15521-65-0	Metals		0,5 µg/cm ² /week	R	No
Chlorotoluron	15545-48-9	Biocides		0.1%	P	No
Di-n-butyltin bis(methyl maleate)	15546-11-9	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin di(2-ethylhexyl maleate)	15546-12-0	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin bisbutyl maleate	15546-16-4	Metals, non-essential		0.1% by weight of tin	P	No
Diocetyl tin bis(2-ethylhexyl thioglycolate)	15571-58-1	Metals, non-essential		0.1% by weight of tin	P	Yes
Thallium selenide (Tl2Se)	15572-25-5	Metals, non-essential		0.1%	D	No
Chromic acid (H2Cr2O7), nickel(2+) salt (1:1)	15586-38-6	Metals, non-essential		0.1%	P	No
Silver sodium zirconium hydrogenphosphate	155925-27-2	Biocides, non-agricultural		0.0001%	R	No
Thallium(3+) perchlorate	15596-83-5	Propellant		0.1%	R	No
Diphosphoric acid, cadmium salt (1:2)	15600-62-1	Metals, non-essential		0.01%	P	No
Triethyl arsenate	15606-95-8	Metals, non-essential		0.01%	R	Yes
Cobalt propionate	1560-69-6	Metals		0.1%	D	No
4-t-Nonylphenol-diethoxylate	156609-10-8	Surface-active agents		0.01%	P	Annex XIV
Dibutyldithiodistannathiane	15666-29-2	Metals, non-essential		0.1% by weight of tin	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Disodium tetrakis(cyano-C)cadmate(2-)	15682-87-8	Metals, non-essential		0.01%	P	No
Disodium tetra(cyano-C)mercurate(2-)	15682-88-9	Metals, non-essential		0.1%	P	No
Octanoic acid, lead salt	15696-43-2	Metals, non-essential		0.1%	P	No
Nickel ammonium sulfate	15699-18-0	Metals		0,5 µg/cm ² /week	R	No
Dipotassium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cadmate(2-)	15708-29-9	Metals, non-essential		0.01%	P	No
Dibutyltin diisothiocyanate	15719-34-3	Metals, non-essential		0.1% by weight of tin	P	No
Formic acid, cobalt salt	15731-88-1	Metals		0.1%	D	No
Sodium p-chloro-m-cresolate	15733-22-9	Biocides, non-agricultural		0.1%	P	No
Lead sulfate	15739-80-7	Pigments	coating	0.1%	P	No
Cadmium acrylate	15743-19-8	Metals, non-essential		0.01%	P	No
Lead, bis(2-hydroxybenzoato-O1,O2)-, (T-4)-	15748-73-9	Metals, non-essential		0.1%	P	No
Lead 202	15752-86-0	Metals, non-essential		0.1%	P	No
Lead(2+) decanoate	15773-52-1	Metals, non-essential		0.1%	P	No
Lead dihexanoate	15773-53-2	Metals, non-essential		0.1%	P	No
Dodecanoic acid, lead(2+) salt	15773-55-4	Metals, non-essential		0.1%	P	No
Lead dipalmitate	15773-56-5	Metals, non-essential		0.1%	P	No
Nickel uranium oxide (NiU3O10)	15780-33-3	Metals		0,5 µg/cm ² /week	R	No
Benzoic acid,2-[(2-hydroxy-3,6-disulfo- 1-naphthalenyl)azo] -, barium salt (2:3)	15782-06-6	Metals, non-essential		0.1%	D	No
Mercury, chloro[p-(2,4-dinitroanilino)phenyl]-	15785-93-0	Metals, non-essential		0.1%	P	No
Mercury oxide	15829-53-5	Metals, non-essential	battery	0.1%	P	No
Bis[2-hydroxy-4-(octyloxy)benzophenonato]nickel	15843-91-1	Metals		0,5 µg/cm ² /week	R	No
Phosphoric acid, lead(2+) salt (1:1)	15845-52-0	Metals, non-essential		0.1%	P	No
Telluric acid (H2TeO3), cadmium salt (1:1)	15851-44-2	Metals, non-essential		0.01%	P	No
Telluric acid (H2TeO3), lead(2+) salt (1:1)	15851-47-5	Metals, non-essential		0.1%	P	No
Telluric acid (H2TeO3), nickel(2+) salt (1:1)	15851-52-2	Metals		0,5 µg/cm ² /week	R	No
Telluric acid (H2TeO4), cadmium salt (1:1)	15852-14-9	Metals, non-essential		0.01%	P	No
Telluric acid (H2TeO4), nickel(2+) salt (1:1)	15852-21-8	Metals		0,5 µg/cm ² /week	R	No
Cobalt dioctanoate	1588-79-0	Metals		0.1%	D	No
1-Propylene glycol 2-methyl ether (1PG2ME)	1589-47-5	Solvents	diluent	0.1%	R	No
Silicic acid (H4SiO4), lead salt	15906-71-5	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead benzoate	15907-04-7	Metals, non-essential		0.1%	P	No
Zinc chromate hydroxide	15930-94-6	Metals, non-essential	coating	0.1%	P	No
Bis(diethyldithiocarbamate-S,S')cobalt	15974-34-2	Metals		0.1%	D	No
1,2,2-Trichloropentafluoropropane (CFC)	1599-41-3	Solvents, halogenated		0.1%	P	No
Mercuric acetate	1600-27-7	Metals, non-essential		0.1%	P	No
2-Propenoic acid, C16-18-alkyl esters, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl acrylate (PFOA)	160336-09-4	Solvents, halogenated		0.0000025%	R	No
Chromate(1-), chlorotrioxo-, potassium, (T-4)-	16037-50-6	Metals, non-essential		0.1%	P	No
Phosphonic acid, lead salt	16038-76-9	Metals, non-essential		0.1%	P	No
Cobalt dilactate	16039-54-6	Metals		0.1%	D	No
Cadmium dilactate	16039-55-7	Metals, non-essential		0.01%	P	No
Cadmium vanadium oxide (CdV2O6)	16056-72-7	Metals, non-essential		0.01%	P	No
C.I. Direct Brown 95	16071-86-6	Pigments	azo dye	0.003%	P	No
Nickel(2+) trifluoroacetate	16083-14-0	Metals		0,5 µg/cm ² /week	R	No
Diocetyl tin maleate	16091-18-2	Metals, non-essential		0.1% by weight of tin	P	No
Poly[[1,3-bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,3:1,3-disiloxanediyliidene]-1,3- (other PFOA)	161045-59-6			0.1%	D	No
5-oxo-L-proline, cadmium salt	16105-06-9	Metals, non-essential		0.01%	P	No
Chlorofluoroethane (HCFC)	1615-75-4	Solvents, halogenated	aerosol	0.1%	P	No
Lead phthalate	16183-12-3	Metals, non-essential		0.1%	P	No
Tin, dibutyl(1,2-ethanediamine-N,N')bis(monoisooctyl 2-butenedioato-O')-	163206-28-8	Metals, non-essential		0.1% by weight of tin	P	No
Bethoxazin/3-benzo[b]thien-2-yl-5,6-dihydro-1,4,2-oxathiazine 4-oxide	163269-30-5	Biocides, non-agricultural		0.1%	P	No
Carbonic acid, nickel salt	16337-84-1	Metals		0,5 µg/cm ² /week	R	No
3,3,5,5-Tetrabromobiphenyl (PBB)	16400-50-3	Flame retardant		0.001%	P	No
3,3-Dibromobiphenyl (PBB)	16400-51-4	Flame retardant		0.001%	P	No
Nickel, [[2,2'-sulfonylbis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O1,O1',O2]-	16432-37-4	Metals		0,5 µg/cm ² /week	R	No
Diantimony lead tetroxide	16450-50-3	Metals, non-essential		0.1%	P	No
1,2-Dichloro-1,1-difluoroethane (HCFC)	1649-08-7	Solvents, halogenated	aerosol	0.1%	P	No
Otimate sodium	16509-11-8	Metals, non-essential		0.1%	P	No
Copper diarsenite	16509-22-1	Metals, non-essential		0.01%	R	No
1,1,3-Trichloro-1,2,2,3,3-pentafluoropropane (CFC)	1652-81-9	Solvents, halogenated	aerosol	0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Pentachlorotrifluoropropane (CFC)	1652-89-7	Solvents, halogenated	aerosol	0.1%	P	No
1,5-Trisiloxanediol, 3-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-1,1,3,5,5-pentamethyl- (9Cl) (other PFOA)	165320-75-2			0.1%	D	No
Chromic acid (H ₂ CrO ₄), lanthanum(3+) salt (3:2)	16565-94-9	Metals, non-essential		0.1%	P	No
2,4,5-Trichlorobiphenyl (PCB)	16606-02-3	Flame retardant		0.0002%	P	No
Dipotassium disulphite	16731-55-8	Biocides, non-agricultural		0.1%	P	No
Bisphenol A diglycidyl ether	1675-54-3	Unclassified		0.1%	D	No
Nickel sulfide	16812-54-7	Metals	minerals	0,5 µg/cm ² /week	R	No
(1R, 2S, 5S, 6S, 9S, 10R)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	169102-57-2	Flame retardant		0.01%	P	No
Hexafluorosilicic acid	16961-83-4	Biocides		0.1%	P	No
Cadmium propionate	16986-83-7	Metals, non-essential		0.01%	P	No
Lead 2-ethylhexoate	16996-40-0	Metals, non-essential		0.1%	P	No
Lead linoleate	16996-51-3	Metals, non-essential		0.1%	P	No
Cadmium hexafluorosilicate(2-)	17010-21-8	Metals, non-essential		0.01%	P	No
Arsenate(1-), hexafluoro-, potassium	17029-22-0	Metals, non-essential		0.01%	R	No
Dibutylbis(octyl maleate)tin	17036-31-6	Metals, non-essential		0.1% by weight of tin	P	No
Asbestos, Anthophyllite	17068-78-9	Fibres	filler	0.1%	R	No
Arsenate(1-), hexafluoro-, hydrogen	17068-85-8	Metals, non-essential		0.01%	R	No
Phosphoric acid, calcium nickel salt	17169-61-8	Metals		0,5 µg/cm ² /week	R	No
1,1-Dichloro-1-fluoroethane (HCFC)	1717-00-6	Solvents, halogenated	aerosol	0.1%	P	No
Barium hydroxide	17194-00-2	Metals, non-essential		0.1%	D	No
Carbonic acid, nickel(2+) salt (2:1)	17237-93-3	Metals		0,5 µg/cm ² /week	R	No
p-(1-Methyloctyl)phenol	17404-66-9	Surface-active agents	surfactant	0.1%	R	Yes
Lead(II) maleate	17406-54-1	Metals, non-essential		0.1%	P	No
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6	Impurities		0.000001%	P	No
Bis (acetato) dibutyltin	17523-06-7	Metals, non-essential		0.1% by weight of tin	P	No
Bis(diethyldithiocarbamate-S,S')lead	17549-30-3	Metals, non-essential		0.1%	P	No
Lead methanesulfonate	17570-76-2	Metals, non-essential	plating	0.1%	P	Yes
Plumbane, ethyltrimethyl-	1762-26-1	Metals, non-essential		0.1%	P	No
Plumbane, diethyldimethyl-	1762-27-2	Metals, non-essential		0.1%	P	No
Plumbane, triethylmethyl-	1762-28-3	Metals, non-essential		0.1%	P	No
4-Bromo-p-terphenyl (PBT)	1762-84-1	Flame retardant	capacitor	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
3-Bromo-p-terphenyl (PBT)	1762-87-4	Flame retardant	capacitor	0.1%	R	No
Heptadecafluorooctanesulphonic acid (PFOS)	1763-23-1	Solvents, halogenated		0.1%	P	No
2,4-dichlorobenzyl alcohol	1777-82-8	Biocides, non-agricultural		0.1%	P	No
Tri-.mu.- carbonylnonacarbonyltetracobalt	17786-31-1	Metals		0.1%	D	No
4,4'-Dibromo-p-terphenyl (PBT)	17788-94-2	Flame retardant	capacitor	0.1%	R	No
Lithium nickel cobalt aluminium oxide	177997-13-6	Metals		0.1%	D	No
Cobalt glycinate	17829-66-2	Metals		0.1%	D	No
Mercury, chloro(ethanethiolato)-	1785-43-9	Metals, non-essential		0.1%	P	No
Nickel nitrite	17861-62-0	Metals		0,5 µg/cm ² /week	R	No
1,3-Dibromo-2-fluoropropane	1786-38-5	Solvents, halogenated	aerosol	0.1%	P	No
Lead, [.mu.-[1,2-benzenedicarboxylato(2-)-O1:O2]]di-.mu.-oxotri-, cyclo-	17976-43-1	Metals, non-essential		0.1%	P	No
Poly[iminocarbonimidoyliminocarbonimidoylimino-1,6-hexanediy], hydrochloride	1802181-67-4	Biocides		0.0001%	R	No
Triphenyltin dimethyldithiocarbamate	1803-12-9	Biocides		0.1%	P	No
1,1,1,2,2-Pentafluoropropane (HFC)	1814-88-6	Solvents, halogenated		0.1%	P	No
Trimercury biscitrate	18211-85-3	Metals, non-essential		0.1%	P	No
4-Heptylphenol, branched and linear	1824346-00-0	Unclassified		0.1%	R	Yes
Cobalt lithium manganese nickel oxide	182442-95-1	Metals		0,5 µg/cm ² /week	R	No
Cobalt lithium manganese nickel oxide	182442-95-1/346417-97-8	Metals		0,5 µg/cm ² /week	R	No
Pentachloroanisole (PCP)	1825-21-4	Biocides, non-agricultural		0.0005%	P	No
Dichloro[29H,31H-phthalocyaninato(2-)-N29,N30, N31,N32]-, (OC-6-12)-tin	18253-54-8	Metals, non-essential		0.1%	D	No
Citric acid , ammonium nickel salt	18283-82-4	Metals		0,5 µg/cm ² /week	R	No
Cobalt, [3-hydroxy-4-[[1-(p-mercaptophenyl)-3-methyl-5-oxo-2-pyrazolin-4-yl]azo]-o-benzenesulfonanisidato(2-)-, S-(hydrogen sulfate), monosodium salt	18285-21-7	Metals		0.1%	D	No
1,1-Dichloro-1,2-difluoroethane (HCFC)	1842-05-3	Solvents, halogenated		0.1%	P	No
Phenol, 4,4',4''-(1-methyl-1-propanyl-3-ylidene)tris[2-(1,1-dimethylethyl)-5-methyl-	1843-03-4	Unclassified		0.1%	D	No
Lead chromate	18454-12-1	Metals, non-essential		0.1%	P	No
Hexavalent chromium	18540-29-9	Metals, non-essential	coating	0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Trisiloxane, 3,3'-(3,3,4,4,5,5,6,6,7,7,8,8-dodecafluoro-1,10-decanediyl)bis[3-[(dimethylsilyl)oxy]-1,1,5,5-tetramethyl-, reaction products with 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoro-1-undecene (PFOA)	185701-89-7	Solvents, halogenated		0.0000025%	R	No
1,2-Benzenedicarboxylic acid, lead(2+) salt	18608-34-9	Metals, non-essential		0.1%	P	No
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	186309-28-4	Unclassified		0.1%	R	Yes
Cobaltate(1-), bis[1-[(5-chloro-2-hydroxyphenyl)azo]-2-naphthalenolato(2-)], sodium	18639-97-9	Metals		0.1%	D	No
4-(1-Ethyl-1,3-dimethylpentyl)phenol	186825-36-5	Surface-active agents	surfactant	0.1%	R	Yes
Dibromofluoromethane (HBFC)	1868-53-7	Solvents, halogenated	aerosol	0.1%	P	No
1-Bromo-2-fluoropropane (HBFC)	1871-72-3	Solvents, halogenated		0.1%	P	No
Phosphoric acid, cobalt(2+) salt (2:1)	18718-10-0	Metals		0.1%	D	No
Nickel bis(dihydrogen phosphate)	18718-11-1	Metals		0,5 µg/cm ² /week	R	No
Cobalt(2+) hydrogen citrate	18727-04-3	Metals		0.1%	D	No
1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, nickel(2+) salt (1:1)	18824-79-8	Metals		0,5 µg/cm ² /week	R	No
Bromo(2-hydroxypropyl)mercury	18832-83-2	Metals, non-essential		0.1%	P	No
Lead dilactate	18917-82-3	Metals, non-essential		0.1%	P	No
Bis(lactato-O1,O2)mercury	18917-83-4	Metals, non-essential		0.1%	P	No
(Lactato-O1,O2)mercury	18918-06-4	Metals, non-essential		0.1%	P	No
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (PFHxS)	189274-31-5	Solvents, halogenated		0.1%	R	Yes
Nickel(2+), bis(1,2-propanediamine)-, bis[dicyanoaurate(1-)]	18972-69-5	Metals		0,5 µg/cm ² /week	R	No
Bis(ethylenediamine)cadmium(2+)	18974-20-4	Metals, non-essential		0.01%	P	No
Chlorothalonil (ISO)	1897-45-6	Biocides	fungicide	0.1%	P	No
Cadmium diphenolate	18991-05-4	Metals, non-essential		0.01%	P	No
Butyl bromoacetate	18991-98-5	Unclassified		0.1%	D	No
Undecane, 1,1,1,3,5,7,9,11,11-nonachloro-	18993-26-5	Flame retardant		0.1%	P	No
Cadmium bis(dipentylidithiocarbamate)	19010-65-2	Metals, non-essential		0.01%	P	No
Lead dimethyldithiocarbamate	19010-66-3	Metals, non-essential		0.1%	P	No
Cadmium disalicylate	19010-79-8	Metals, non-essential		0.01%	P	No
2-bromo-1,1,3,3-tetrafluoro-propane	19041-01-1	Solvents, halogenated	aerosol	0.1%	P	No
Hexakis[.mu.-(acetato-O:O')]-.mu.4-oxotetraberyllium	19049-40-2	Metals, non-essential		0.1%	R	No
Cobalt, [4-hydroxy-3-[[1-(p-mercaptophenyl)-3-methyl-5-oxo-2-pyrazolin-4-yl]azo]-o-benzenesulfonophenetidato(2-)], S-(hydrogen sulfate), monosodium salt	19052-32-5	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Triethyltin acetate	1907-13-7	Biocides		0.1%	P	No
Benzo(g,h,i)perylene (PAH)	191-24-2	Impurities		0.001%	R	Yes
Lead maleate	19136-34-6	Metals, non-essential		0.1%	P	No
Copolymer of 2-propenal and propane-1,2-diol	191546-07-3	Biocides, non-agricultural		0.1%	P	No
Cobalt dioleate	19192-71-3	Metals		0.1%	D	No
Plumbane, tetrabutyl-	1920-90-7	Metals, non-essential		0.1%	P	No
Dihydrogen bis[L-glutamato(2-)-N,O]cobaltate(2-)	19224-80-7	Metals		0.1%	D	No
Diphosphoric acid, cadmium salt	19262-93-2	Metals, non-essential		0.01%	P	No
Benzo(e)pyrene (PAH)	192-97-2	Impurities	bituminous coal tar	0.0001%	R	No
Aluminum cobalt lithium nickel oxide	193214-24-3	Metals		0,5 µg/cm ² /week	R	No
Cobalt(2+) ethanolate	19330-29-1	Metals		0.1%	D	No
Indeno(1,2,3-C,D)pyrene (PAH)	193-39-5	Impurities		0.001%	R	No
[.mu.-[Metasilicato(2-)-O:O]]bis(2-methoxyethyl)dimercury	19367-79-4	Metals, non-essential		0.1%	P	No
Diphosphoric acid, nickel(2+) salt	19372-20-4	Metals		0,5 µg/cm ² /week	R	No
C.I. Direct Red 13, C.I.22155	1937-35-5	Pigments		0.003%	P	No
C.I. Direct Black 38	1937-37-7	Pigments	azo dye	0.003%	P	Yes
Benzoxonium chloride	19379-90-9	Biocides, non-agricultural		0.1%	P	No
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	Impurities		0.000001%	P	No
Hexahydro-4-methylphthalic anhydride	19438-60-9	Intermediate	softener	0.1%	R	Yes
Mercury, (acetato-O)[4-[[4-(dimethylamino)phenyl]azo]phenyl]-	19447-62-2	Metals, non-essential		0.1%	P	No
Lead palmitate	19528-55-3	Metals, non-essential		0.1%	P	No
7,11-Metheno-11H,13H-tetrazolo[1,5-c][1,7,3,5,2,6]dioxadiazaplumbacyclododecine, 5,5,13,13-tetradehydro-4,5-dihydro-4,8,10,15-tetranitro-	19651-80-0	Metals, non-essential		0.1%	P	No
Dibutyltin dihexanoate	19704-60-0	Metals, non-essential		0.1% by weight of tin	P	No
Lead hydroxide	19783-14-3	Metals, non-essential		0.1%	P	No
Tributylfluorostannane	1983-10-4	Biocides		0.0001%	P	No
Decanedioic acid, barium salt (1:1)	19856-32-7	Metals, non-essential		0.1%	D	No
4-Heptylphenol, branched and linear	1987-50-4	Unclassified		0.1%	R	Yes
Aluminiummagnesiumnickelsiliziumoxide	198831-12-8	Metals		0,5 µg/cm ² /week	R	No
4,4'-Methylenebis[2-ethylbenzenamine)	19900-65-3	Amines		0.1%	D	No
P-[(diiodomethyl)sulphonyl]toluene	20018-09-1	Biocides, non-agricultural		0.0001%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
cis-Cyclohexane-1,2-dicarboxylic anhydride	201815-17-0	Intermediate		0.1%	R	Yes
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1) (PFHxS)	202189-84-2	Solvents, halogenated		0.1%	R	Yes
1,8-Dihydroxy-4-nitro-5-(phenylamino)anthraquinone	20241-76-3	Pigments	dye	0.1%	D	No
Tributyltin dimethyldithiocarbamate	20369-63-5	Biocides		0.0001%	P	No
Phosphorodithioate O,O-bis(1,3-dimethylbutyl), lead salt	20383-42-0	Metals, non-essential		0.1%	P	No
Lead myristate	20403-41-2	Metals, non-essential		0.1%	P	No
Decanoic acid, lead salt	20403-42-3	Metals, non-essential		0.1%	P	No
Copper dihydroxide; Copper (II) hydroxide; Copper hydroxide	20427-59-2	Biocides, non-agricultural		0.0001%	R	No
2-(2-(4-Nonylphenoxy)ethoxy)ethanol	20427-84-3	Surface-active agents	surfactant	0.01%	P	Annex XIV
2-(Perfluorooctyl)ethyl iodide (Fluorotelomer)	2043-53-0	Unclassified		0.1%	D	No
1,1,2,2-Tetrahydroperfluorododecyl iodide (Fluorotelomer)	2043-54-1	Unclassified		0.1%	D	No
Nickel, [[1,1'-[1,2-phenylenebis(nitrilomethylidene)]bis[2-naphthalenolato]](2-)-N,N',O,O']-, (SP-4-2)-	20437-10-9	Metals		0,5 µg/cm ² /week	R	No
4,4'-Dibromodiphenyl ether (PBDE)	2050-47-7	Flame retardant	electronics	0.1%	P	No
Cobaltate(1-), bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3H-pyrazol-3-onato(2-)]-, hydrogen, compound with [1R-(1.alpha.,4a.beta.,10a.alpha.)]-1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-1-ph	20506-24-5	Metals		0.1%	D	No
2-Bromobiphenyl	2052-07-5	Flame retardant		0.001%	P	No
Oxalic acid, nickel salt	20543-06-0	Metals		0,5 µg/cm ² /week	R	No
Benzo[j]fluoranthene (PAH)	205-82-3	Impurities	bitumen	0.0001%	R	No
Mercurate(2-), tetrachloro-, dipotassium, (T-4)-	20582-71-2	Metals, non-essential		0.1%	P	No
Henicosafuoroundecanoic acid	2058-94-8	Unclassified		0.1%	R	Yes
Benzo[b]fluoranthene (PAH)	205-99-2	Impurities	bitumen	0.0001%	R	No
Mercury selenide (HgSe)	20601-83-6	Metals, non-essential		0.1%	P	No
Nonylphenol polyethylene glycol ether	20636-48-0	Surface-active agents		0.01%	R	No
Fluoranthene (PAH)	206-44-0	Impurities		0.001%	R	Yes
Dipotassium tetrachlorocadmate(2-)	20648-91-3	Metals, non-essential		0.01%	P	No
Cyclotetrasiloxane, 2-(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptadecafluoroundecyl)-2,4,6,8-tetramethyl-, Si-[3-(oxiranylmethoxy)propyl] derivs (PFOA)	206886-57-9	Solvents, halogenated		0.0000025%	R	No
Benzo[k]fluoranthene (PAH)	207-08-9	Impurities	bitumen	0.0001%	R	Yes
2,2',4,4',5,6'-Hexabromodiphenyl ether (PBDE)	207122-15-4	Flame retardant		0.1%	P	No
2,2',3,4,4',5',6'-Heptabromodiphenyl ether (PBDE)	207122-16-5	Flame retardant		0.1%	P	No
Aluminum boron cobalt lithium nickel oxide	207803-51-8	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead cyanamidate	20837-86-9	Metals, non-essential		0.1%	P	Yes
Aluminium phosphide; Aluminium phosphide releasing phosphine	20859-73-8	Biocides, non-agricultural		0.1%	P	No
Lead cyanamidate	20890-10-2	Metals, non-essential		0.1%	P	No
Acenaphthylene (PAH)	208-96-8	Impurities		0.001%	R	No
Lead 2,4-dihydroxybenzoate	20936-32-7	Metals, non-essential		0.1%	P	No
4,6-Diethyl-2-methyl-1,3-benzenediamine	2095-01-4	Amines		0.1%	D	No
2,4-Diethyl-6-methyl-1,3-benzenediamine	2095-02-5	Amines		0.1%	D	No
Cobalt hydroxide	21041-93-0	Metals		0.1%	D	No
Cadmium hydroxide	21041-95-2	Metals, non-essential	battery	0.01%	P	Yes
Sodium heptadecafluorononanoate (PFNA)	21049-39-8	Surface-active agents	surfactant	0.1%	R	Yes
Clothianidin; IFMB	210880-92-5	Biocides, non-agricultural		0.0001%	R	No
Arsenic acid (H3AsO4), dipotassium salt	21093-83-4	Metals, non-essential		0.01%	R	No
3-Bromobiphenyl	2113-57-7	Flame retardant		0.001%	P	No
4-Aminobiphenyl hydrochloride	2113-61-3	Amines		0.01%	P	No
Benzidine sulphate	21136-70-9	Unclassified		0.01%	P	No
Diphenyllead dichloride	2117-69-3	Metals, non-essential		0.1%	P	No
2-Ethylhexyl 4-(dimethylamino)benzoate	21245-02-3	Unclassified		0.01%	D	No
Mercaptomerin sodium	21259-76-7	Metals, non-essential		0.1%	P	No
Nickel(2+), bis(ethylenediamine)-, sulfate (1:1)	21264-77-7	Metals		0,5 µg/cm ² /week	R	No
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	213740-81-9	Solvents, halogenated		0.1%	R	Yes
N-Didecyl-N-dipolyethoxyammonium borate; Didecylpolyoxethylammonium borate	214710-34-6	Biocides, non-agricultural		0.1%	P	No
C.I. Direct Blue 25, C.I.23790	2150-54-1	Pigments		0.003%	P	No
Tributyltin methacrylate	2155-70-6	Biocides		0.0001%	P	No
Thiocyanic acid (2-benzothiazolylthio)methyl ester	21564-17-0	Biocides	fungicide	0.1%	P	No
Bis(2,6-diisopropylphenyl)carbodiimide	2162-74-5			0.01%	D	No
Fluometuron	2164-17-2	Biocides, non-agricultural		0.1%	P	No
1H,1H,2H-Perfluoro-1-decene (Fluorotelomer)	21652-58-4	Unclassified		0.1%	D	No
Cobalt, tris(2,4-pentanedionato-O,O')-, (OC-6-11)-	21679-46-9	Metals		0.1%	D	No
Nickel(2+) silicate	21784-78-1	Metals		0,5 µg/cm ² /week	R	No
Tributyltin cyanide	2179-92-2	Biocides		0.0001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Chrysene (PAH)	218-01-9	Impurities	gas	0.0001%	R	Yes
N-(p-Arsenosophenyl)-1,3,5-triazine-2,4,6-triamine	21840-08-4	Metals, non-essential		0.01%	R	No
1,1'-(Isopropylidene)bis[3,5-dibromo-4-(2,3-dibromopropoxy)benzene]	21850-44-2	Unclassified		0.01%	D	No
Mercury(II) oxide	21908-53-2	Metals, non-essential	battery	0.1%	P	No
Cadmium di(octanoate)	2191-10-8	Metals, non-essential		0.01%	P	No
Bromodifluoropropane (HBFC)	2195-05-3	Solvents, halogenated	aerosol	0.1%	P	No
Undecane, heptachloro-	219697-10-6	Flame retardant		0.1%	P	No
Undecane, nonachloro-	219697-11-7	Flame retardant		0.1%	P	No
Undecane, 1,2,10,11,?,?,?,?-octachloro-	221174-07-8	Flame retardant		0.1%	P	No
Diocylbis(stearoyloxy)stannane	22205-26-1	Metals, non-essential		0.1% by weight of tin	P	No
Bis(dodecylthio)diocylstannane	22205-30-7	Metals, non-essential		0.1% by weight of tin	P	No
Cadmium stearate	2223-93-0	Metals, non-essential	lubricant	0.01%	P	No
Octadecanoic acid, nickel(2+) salt	2223-95-2	Metals		0,5 µg/cm ² /week	R	No
Butan-2-one O,O',O''-(vinylsilyldyne)trioxime	2224-33-1			0.01%	D	No
Potassium triiodomercurate(1-)	22330-18-3	Metals, non-essential		0.1%	P	No
Octachloronaphthalene (PCN)	2234-13-1	Unclassified	additive	0.1%	P	No
Ethylmercuric phosphate	2235-25-8	Metals, non-essential		0.1%	P	No
Mercury(1+), amminephenyl-, acetate	22450-90-4	Metals, non-essential		0.1%	P	No
[.mu.-[[[1,1',1'',1''''-[Benzene-1,2,4,5-tetrayltetrakis(nitromethylidyne)]naphth-2-olato](4-)]]]dinickel	22484-07-7	Metals		0,5 µg/cm ² /week	R	No
1-Bromo-1,1,2,3,3,3-hexafluoropropane (HBFC)	2252-78-0	Solvents, halogenated		0.1%	P	No
Bromohexafluoropropane	2252-79-1	Solvents, halogenated	aerosol	0.1%	P	No
Heptafluoropropane (HFC)	2252-84-8	Solvents, halogenated	refrigerant	0.1%	P	No
3,8,10-Trioxa-9-stannatetradeca-5,12-dien-14-oic acid, 9,9-dibutyl-2-methyl-4,7,11-trioxo-, 1-methylethyl ester, (Z,Z)-	22535-42-8	Metals, non-essential		0.1% by weight of tin	P	No
Lead silicate	22569-74-0	Metals, non-essential		0.1%	P	No
Dibutylbis(2,4-pentanedionato-O,O')tin	22673-19-4	Metals, non-essential		0.1% by weight of tin	P	No
1,1,1,3-Tetrachlorotetrafluoropropane (CFC)	2268-46-4	Solvents, halogenated	aerosol	0.1%	P	No
2-bromo-1,1,1,3,3-pentafluoro-propane	22692-16-6	Solvents, halogenated	aerosol	0.1%	P	No
(Phenylmercurio)urea	2279-64-3	Metals, non-essential		0.1%	P	No
Tripropyltin chloride	2279-76-7	Biocides		0.1%	P	No
Aluminum arsenide (AlAs)	22831-42-1	Metals, non-essential		0.01%	R	No
Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, lead(2+) sodiumsalt (1:1:2)]	22904-40-1	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Methylmercury	22967-92-6	Metals, non-essential		0.1%	P	No
Butan-2-one O,O'-(methylsilylidyne)trioxime	22984-54-9			0.01%	D	No
C.I. Direct Red 44, C.I.22500	2302-97-8	Pigments		0.003%	P	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	2315-61-9	Surface-active agents		0.01%	P	Annex XIV
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	2315-67-5	Surface-active agents		0.01%	P	Annex XIV
1-Chloro-1-fluoroethylene (HCFC)	2317-91-1	Solvents, halogenated		0.1%	P	No
Hexa(cyano-c)cobaltate(4-)	23209-26-9	Metals		0.1%	D	No
[2,2',2''-Nitrioltri(ethanol)-N,O,O',O'']phenylmercury lactate	23319-66-6	Metals, non-essential		0.1%	P	No
Pentachlorotrifluoropropane (CFC)	2354-06-5	Solvents, halogenated	aerosol	0.1%	P	No
Hexanoic acid, 3,5,5-trimethyl-, lead salt	23621-79-6	Metals, non-essential		0.1%	P	No
1,1,1-Trichloro-2-fluoroethane (HCFC)	2366-36-1	Solvents, halogenated	aerosol	0.1%	P	No
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	Biocides, non-agricultural		0.1%	P	No
Mirex	2385-85-5	Biocides	insecticide	0.1%	P	No
Diplumbane, hexaethyl-	2388-00-3	Metals, non-essential		0.1%	P	No
Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, chloride (Basic Blue 7)	2390-60-5	Unclassified		0.1%	D	No
Didecyldimethylammonium bromide	2390-68-3	Biocides, non-agricultural		0.1%	P	No
Potassium perfluorooctanoate (PFOA)	2395-00-8	Solvents, halogenated		0.0000025%	P	No
Tolnaftate	2398-96-1	Biocides, non-agricultural		0.1%	P	No
Tributyltin linoleate	24124-25-2	Biocides		0.0001%	P	No
Cadmium p-toluate	2420-97-5	Metals, non-essential		0.01%	P	No
Cadmium bis(2-ethylhexanoate)	2420-98-6	Metals, non-essential		0.01%	P	No
Di-.mu.-carbonyltetracarbonylbis(triphenylphosphine)dicobalt	24212-54-2	Metals		0.1%	D	No
Sodium bis[4-[(4-chloro-1-hydroxy-2-naphthyl)azo]-N,N'-diethyl-5-hydroxybenzene-1,3-disulphonamidato(2-)]cobaltate(1-)	24215-94-9	Metals		0.1%	D	No
2-Hexyldecan-1-ol	2425-77-6	Unclassified		0.01%	D	No
C.I. Pigment Red 3	2425-85-6	Pigments		0.1%	D	No
C.I. Direct Red 10, C.I.22145	2429-70-1	Pigments		0.003%	P	No
C.I. Direct Blue 8, C.I.24140	2429-71-2	Pigments		0.003%	P	No
C.I. Direct Blue 3, C.I.23705	2429-72-3	Pigments		0.003%	P	No
C.I. Direct Blue 2, C.I.22590	2429-73-4	Pigments		0.003%	P	No
C.I. Direct Blue 15, C.I.24400	2429-74-5	Pigments		0.003%	P	No
C.I. Direct Violet 12, C.I.22550	2429-75-6	Pigments		0.003%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
C.I. Direct Orange 8, C.I.22130	2429-79-0	Pigments		0.003%	P	No
C.I. Acid Orange 45, C.I.22195	2429-80-3	Pigments		0.003%	P	No
C.I. Direct Brown 31, C.I.35660	2429-81-4	Pigments		0.003%	P	No
C.I. Direct Brown 2, C.I.22311	2429-82-5	Pigments		0.003%	P	No
C.I. Direct Black 4, C.I.30245	2429-83-6	Pigments		0.003%	P	No
C.I. Direct Red 1, C.I.22310	2429-84-7	Pigments		0.003%	P	No
Cadmium methacrylate	24345-60-6	Metals, non-essential		0.01%	P	No
Tetrachlorobiphenyl (PCB)	2437-79-8	Flame retardant		0.0002%	P	No
2-(2H-benzotriazol-2-yl)-p-cresol (UV-P)	2440-22-4	Unclassified		0.01%	D	No
Ethylidomercury	2440-42-8	Metals, non-essential		0.1%	P	No
1,3,5-Triglycidyl Isocyanurate (TGIC)	2451-62-9	Intermediate	hardener	0.1%	R	Yes
Barium 2-ethylhexanoate	2457-01-4	Metals, non-essential		0.1%	D	No
Mercury, chloro(2-hydroxy-5-nitrophenyl)-	24579-90-6	Metals, non-essential		0.1%	P	No
Dichromium tris(chromate)	24613-89-6	Metals, non-essential	coating	0.01%	P	Annex XIV
Potassium (E,E)-hexa-2,4-dienoate	24634-61-5	Biocides, non-agricultural		0.1%	P	No
Nickelate(1-), trichloro-, ammonium	24640-21-9	Metals		0,5 µg/cm ² /week	R	No
Triammonium arsenate	24719-13-9	Metals, non-essential		0.01%	R	No
Arsenic acid (H3AsO4), cobalt(2+) salt (2:3)	24719-19-5	Metals, non-essential		0.01%	R	No
C.I. Disperse Blue 1	2475-45-8	Pigments	dye	0.1%	R	No
Mercury, [.mu.-[dodecylbutanedioato(2-)-O:O']]diphenyldi-	24806-32-4	Metals, non-essential		0.1%	P	No
Phosphonic acid, lead(2+) salt	24824-71-3	Metals, non-essential		0.1%	P	No
Cobalt tetra(2-ethylhexyl) bis(phosphate)	24828-46-4	Metals		0.1%	D	No
2-bromo-1-(4-hydroxyphenyl)ethan-1-one	2491-38-5	Biocides, non-agricultural		0.1%	P	No
2(3H)-Benzothiazolethione,sodium salt (1:1)	2492-26-4	Unclassified		0.1%	D	No
1,1-Difluoroethene, homopolymer	24937-79-9	Unclassified		0.1%	D	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	2497-59-8	Surface-active agents		0.01%	P	Annex XIV
Bisphenol A-diglycidyl ether polymer with Bisphenol A	25036-25-3	Unclassified		0.1%	D	No
1,3-Butadiene, 2,3-dichloro-, polymer with 2-chloro-1,3-butadiene	25067-95-2	Unclassified		0.1%	D	No
Diglycidyl bisphenol A resin	25085-99-8	Unclassified		0.1%	D	No
tert-Dodecanethiol	25103-58-6	Unclassified		0.1%	R	No
Cobalt metasilicate	25139-08-6	Metals		0.1%	D	No
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 1,1'-sulfonylbis[4-chlorobenzene]	25154-01-2	Unclassified		0.1%	D	No
Nonylphenol	25154-52-3	Surface-active agents	cleaner	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Trixylyl phosphate	25155-23-1	Flame retardant		0.1%	R	Yes
[1,3(or 1,4)-phenylenebis(1-methylethylidene)]bis[tert-butyl] peroxide	25155-25-3	Unclassified	reagent	0.01%	D	No
Benzenesulfonic acid, oxybis[dodecyl-, disodium salt	25167-32-2	Unclassified		0.1%	D	No
Dichlorofluoroethane (HCFC)	25167-88-8	Solvents, halogenated		0.1%	P	No
Diisooctyl 4,4'-((dibutylstannylene)bis(oxy))bis(4-oxoisocrotonate)	25168-21-2	Metals, non-essential		0.1% by weight of tin	P	No
Dibutylbis((1-oxoneodecyl)oxy)stannane	25168-22-3	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin bis(isooctyl mercaptoacetate)	25168-24-5	Metals, non-essential		0.1% by weight of tin	P	No
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and tetrafluoroethene	25190-89-0	Unclassified		0.1%	D	No
Formaldehyde, polymer with benzenamine	25214-70-4	Unclassified		0.01%	P	Annex XIV
Tris(2-hydroxypropyl)hexahydro-s-triazine	25254-50-6	Biocides, non-agricultural	preservative	0.1%	P	No
Dipropylene glycol	25265-71-8	Unclassified		0.1%	D	No
Benzenediamine	25265-76-3	Intermediate		0.1%	D	No
2,2'-dithiobis[N-methylbenzamide]	2527-58-4	Biocides, non-agricultural		0.1%	P	No
Dinitrotoluene	25321-14-6	Plasticisers		0.1%	R	No
Naphthalenesulfonicacid, dinonyl-	25322-17-2	Unclassified		0.1%	D	No
Diphenylmethane-2,2'-diisocyanate	2536-05-2	Intermediate, monomers	joint	0.1%	D	No
Pentachloro[1,1'-biphenyl] (PCB)	25429-29-2	Flame retardant		0.0002%	P	No
Nickelate(2-), [[N,N'-1,2-ethanediylbis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']-, dihydrogen, (OC-6-21)-	25481-21-4	Metals		0,5 µg/cm ² /week	R	No
Difluoroethane (HFC)	25497-28-3	Solvents, halogenated		0.1%	P	No
Chlorodifluoroethane (HCFC)	25497-29-4	Solvents, halogenated	aerosol	0.1%	P	No
Dibromotetrafluoroethane	25497-30-7	Solvents, halogenated		0.1%	P	No
Carbonic acid, lead(2+) salt	25510-11-6	Metals, non-essential		0.1%	P	No
Sulfur hexafluoride	2551-62-4	Non-chlorinated halogen		0.1%	P	No
Hexahydromethylphthalic anhydride	25550-51-0	Intermediate	softener	0.1%	R	Yes
Trimethylbenzene (mixed isomers)	25551-13-7	Solvents	cleaner	0.1%	D	No
Chloronaphthalene (PCN)	25586-43-0	Unclassified		0.1%	P	No
Naphthalenesulfonic acid, dinonyl-, barium salt	25619-56-1	Metals, non-essential		0.1%	D	No
Hexabromocyclododecane (HBCD)	25637-99-4	Flame retardant	electronics	0.01%	P	Annex XIV
Beryllium zinc silicate	25638-88-4	Metals, non-essential		0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Polyvinylpyrrolidone iodine	25655-41-8	Biocides, non-agricultural		0.1%	P	No
Lead iodate	25659-31-8	Metals, non-essential		0.1%	P	No
Bis(tributyltin)itaconate	25711-26-6	Biocides		0.0001%	P	No
Lead picrate	25721-38-4	Metals, non-essential		0.1%	P	No
Methanaminium,N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	2580-56-5	Amines		0.1%	R	Yes
Lead hexafluorosilicate	25808-74-6	Metals, non-essential		0.1%	P	No
C.I. Direct Blue 22, C.I.24280	2586-57-4	Pigments		0.003%	P	No
C.I. Direct Brown 1:2, C.I.30110	2586-58-5	Pigments		0.003%	P	No
C.I. Direct Violet 1, C.I.22570	2586-60-9	Pigments		0.003%	P	No
Acetoxytributylplumbane	2587-82-8	Metals, non-essential		0.1%	P	No
Dichlorodifluoroethane (HCFC)	25915-78-0	Solvents, halogenated		0.1%	P	No
Dibutylbis(nonanoyloxy)stannane	25955-19-5	Metals, non-essential		0.1% by weight of tin	P	No
Cobalt, tetrakis[(2,3-butanedione dioximato)(1-)-N,N']bis(pyridine)di-, (Co-Co)	25971-15-7	Metals		0.1%	D	No
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1	Amines	dye	0.1%	R	Yes
C.I. Direct Blue 6	2602-46-2	Pigments	azo dye	0.003%	P	No
Ethoxylated 4-nonylphenol	26027-38-3	Surface-active agents		0.01%	P	Annex XIV
Cadmium dilaurate	2605-44-9	Metals, non-essential		0.01%	P	No
C.I. Direct Blue 1, C.I.24410	2610-05-1	Pigments		0.003%	P	No
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	Biocides, non-agricultural		0.0001%	P	No
[1R-(1.alpha.,4a.beta.,4b.alpha.,10a.alpha.)]-Tributyl[[[1,2,3,4,4a,4b,5,6,10,10a-decahydro-7-isopropyl-1,4a-dimethyl-1-phenanthryl]carbonyl]oxy]stannane	26239-64-5	Biocides		0.1%	P	No
3,6,9,12-Tetraoxatetradecan-1-ol, 14-(nonylphenoxy)-	26264-02-8	Surface-active agents	detergent	0.01%	R	No
Cadmium epoxyoctadecanoate	26264-48-2	Metals, non-essential		0.01%	P	No
Thiosulphuric acid, lead salt	26265-65-6	Metals, non-essential		0.1%	P	No
1,2-Benzisothiazolin-3-one	2634-33-5	Biocides, non-agricultural	bactericide	0.1%	P	No
2-bromo-1,1,2,3,3-pentafluoro-propane	26391-11-7	Solvents, halogenated	aerosol	0.1%	P	No
Acetic acid,2,2'-[(diocetylstannylene)bis(thio)]bis-, 1,1'-diisooctyl ester	26401-97-8	Metals, non-essential		0.1% by weight of tin	P	No
Diphenylmethane diisocyanate	26447-40-5	Intermediate, monomers	coating	0.01%	D	No
Toluene diisocyanate (mixed isomers)	26471-62-5	Intermediate, monomers	adhesive	0.01%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobalt(II) fluoborate	26490-63-1	Metals		0.1%	D	No
1,1,1-Trichloro-2,2,2-trifluoroethane (CFC)	26523-64-8	Solvents, halogenated	aerosol	0.1%	P	No
Tris(nonylphenyl)phosphite	26523-78-4	Unclassified		0.01%	D	No
2-Octyl-2H-isothiazol-3-on	26530-20-1	Biocides, non-agricultural		0.01%	D	No
p-Isononylphenol	26543-97-5	Surface-active agents	surfactant	0.1%	R	Yes
2,5-Furandione,dihydro-3-(tetrapropenyl)-	26544-38-7	Unclassified		0.1%	D	No
Phenylmercury neodecanoate	26545-49-3	Metals, non-essential		0.01%	P	No
Hydrogen [3-[(.alpha.-carboxylato-o-anisoyl)amino]-2-hydroxypropyl]hydroxymercurate(1-)	26552-50-1	Metals, non-essential		0.1%	P	No
Silver sodium hydrogen zirconium phosphate	265647-11-8	Biocides, non-agricultural		0.0001%	R	No
3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-	26571-11-9	Surface-active agents		0.01%	R	No
Chlorotrifluoropropane (HCFC)	26588-23-8	Solvents, halogenated	aerosol	0.1%	P	No
Sodium azide	26628-22-8	Propellant	explosives	0.1%	R	No
Dibutyltin S,S'-bis(isooctyl mercaptoacetate) Acetic acid, 2,2'-[[dimethylstannylene]bis(thio)]bis-, 1,1'-diisooctyl ester)	26636-01-1	Metals, non-essential		0.1% by weight of tin	P	No
Cobalt silicate	26686-74-8	Metals		0.1%	D	No
Homopolymer of 2-tert-butylaminoethyl methacrylate	26716-20-1	Biocides, non-agricultural		0.1%	P	No
Mercury(2+) chloroacetate	26719-07-3	Metals, non-essential		0.1%	P	No
Di-isodecyl phthalate (DIDP)	26761-40-0	Plasticisers	heat resistance electrical cords	0.1%	R	No
Dibutyltin di(isooctyl 3-mercaptopropionate)	26761-46-6	Metals, non-essential		0.1% by weight of tin	P	No
2-Methyl-4-isothiazolin-3-one	2682-20-4	Biocides, non-agricultural		0.1%	P	No
1-Ethylpyrrolidin-2-one (NEP)	2687-91-4	Solvents	ink	0.1%	R	No
Dibenzyltoluene	26898-17-9	Unclassified		0.1%	D	No
Cobaltate(1-), bis[hydrogen 3-hydroxy-4-[(2-hydroxy-1-naphthyl)azo]-7-nitro-1-naphthalenesulfonato(2-)]-	26921-01-7	Metals		0.1%	D	No
(Maleoyldioxy)bis[phenylmercury]	2701-61-3	Metals, non-essential		0.1%	P	No
Cobalt arsenide (CoAs)	27016-73-5	Metals, non-essential		0.01%	R	No
Nickel arsenide (NiAs)	27016-75-7	Metals		0,5 µg/cm²/week	R	No
2-Propenoic acid, butyl ester, polymer with ethenyl chloroacetate, ethyl 2-propenoate and 2-methoxyethyl 2-propenoate	27026-38-6	Unclassified		0.1%	D	No
Hexafluoropropane (HFC)	27070-61-7	Solvents, halogenated		0.1%	P	No
N,N''-1,6-Hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride	27083-27-8	Biocides, non-agricultural	disinfectant	0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
2-Ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy] -2-oxoethyl]thio] -4-octyl-7-oxo-8-oxa-3,5-2-Ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy] -2-oxoethyl]thio] -4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (MOTE)dithia-4-stannatetradecanoate (MOTE)	27107-89-7	Metals, non-essential		0.1% by weight of tin	P	No
Fluoroacetylene (HFC)	2713-09-9	Non-chlorinated halogen		0.1%	P	No
Chromic acid, barium potassium salt	27133-66-0	Metals, non-essential		0.1%	P	No
Tributyltin cinnamate	27147-18-8	Biocides		0.0001%	P	No
Calcium arsenite (2:3)	27152-57-4	Metals, non-essential		0.01%	R	No
Trichlorofluoroethane (HCFC)	27154-33-2	Solvents, halogenated		0.1%	P	No
Nonylphenol mono(oxyethylene) ethanol	27176-93-8	Surface-active agents	cleaner	0.01%	R	No
Nonylphenol polyethylene glycol ether	27177-01-1	Surface-active agents		0.01%	R	No
3,6,9,12,15,18,21-Heptaoxatricosan-1-ol, 23-(nonylphenoxy)-	27177-05-5	Surface-active agents		0.01%	R	No
3,6,9,12,15,18,21,24,27-Nonaoxononacosan-1-ol, 29-(nonylphenoxy)-	27177-08-8	Surface-active agents		0.01%	R	No
Octylphenol	27193-28-8	Surface-active agents	cleaner	0.1%	D	No
Diphenyl[.mu.-[(tetrapropenyl)succinato(2-)-O:O']]dimercury	27236-65-3	Metals, non-essential		0.1%	P	No
Diisotridecyl phthalate (DTDP)	27253-26-5	Plasticisers		0.1%	D	No
Lead neodecanoate	27253-28-7	Metals, non-essential		0.1%	P	No
Cobalt neodecanoate	27253-31-2	Metals		0.1%	D	No
Isononanoic acid, lead salt	27253-41-4	Metals, non-essential		0.1%	P	No
1,1-Dibromo-1,2,2,2-tetrafluoroethane	27336-23-8	Solvents, halogenated		0.1%	P	No
4,4'-Diaminodiphenyl-2,2'-disulfonic acid disodium salt	27336-24-9	Unclassified		0.01%	P	No
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)bis(benzenesulpho...	27344-41-8			0.01%	D	No
(Dihydroxyphenyl)phenylmercury	27360-58-3	Metals, non-essential		0.1%	P	No
N,N'-Ditolyl-p-phenylenediamine	27417-40-9	Amines	antiageing	0.1%	R	No
Cadmium toluate	27476-27-3	Metals, non-essential		0.01%	P	No
1,1'-Biphenyl, dibromo-	27479-65-8	Flame retardant		0.001%	P	No
Diisooctyl phthalate	27554-26-3	Plasticisers		0.1%	D	No
Benzenediazonium, 3-methyl-4-(1-pyrrolidinyl)-, hexafluoroarsenate(1-)	27569-09-1	Metals, non-essential		0.01%	R	No
Nickel, [[2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O,O',S]-	27574-34-1	Metals		0,5 µg/cm ² /week	R	No
Mercury fluoride	27575-47-9	Metals, non-essential		0.1%	P	No
[2-Ethylhexyl Hydrogen Maleato-O']Phenylmercury	27605-30-7	Metals, non-essential		0.1%	P	No
Nickel isooctanoate	27637-46-3	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Undecane, decachloro-	276673-33-7	Flame retardant		0.1%	P	No
Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride	27668-52-6	Biocides, non-agricultural		0.0001%	R	No
Bromotriethylstannane	2767-54-6	Biocides		0.1%	P	No
Tripropyltin bromide	2767-61-5	Biocides		0.1%	P	No
Trimethoxyvinylsilane	2768-02-7			0.01%	D	No
Cobaltate(2-), tetrakis(thiocyanato-N)-, mercury(2+) (1:1), (T-4)-	27685-51-4	Metals, non-essential		0.1%	P	No
C.I. Direct Red 17, C.I.22150	2769-07-5	Pigments		0.003%	P	No
Sodium pentachlorophenate monohydrate (PCP)	27735-64-4	Biocides, non-agricultural		0.0005%	P	No
Nonabromo-1,1'-biphenyl	27753-52-2	Flame retardant		0.001%	P	No
Chloro-o-tolylmercury	2777-37-9	Metals, non-essential		0.1%	P	No
Dibutyltin bis(octylthioglycolate)	2781-09-1	Metals, non-essential		0.1% by weight of tin	P	No
Di-n-butyltin di-2-ethylhexanoate	2781-10-4	Metals, non-essential		0.1% by weight of tin	P	No
Octabromobiphenyl (PBB)	27858-07-7	Flame retardant	electronics	0.001%	P	No
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	27905-45-9			0.0000025	R	No
cis-Cyclohexane-1,2-dicarboxylic anhydride	279240-32-3	Intermediate		0.1%	R	Yes
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy	27942-26-3	Surface-active agents		0.01%	P	Annex XIV
20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4	Surface-active agents	surfactant	0.01%	P	Annex XIV
Potassium perfluorooctanesulphonate (PFOS)	2795-39-3	Solvents, halogenated		0.1%	P	No
Trifluoroethane (HFC)	27987-06-0	Solvents, halogenated		0.1%	P	No
Cobalt dinicotinate	28029-53-0	Metals		0.1%	D	No
Triethylenediamine	280-57-9	Amines		0.1%	D	No
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	Unclassified		0.1%	D	No
Ethylene glycol monopropyl ether (EGnPE)	2807-30-9	Solvents		0.1%	D	No
Phenylmercury salicylate	28086-13-7	Metals, non-essential		0.1%	P	No
N,N'-Dimethylbenzidine	2810-74-4	Rubber chemical		0.01%	P	No
Trichloropentafluoropropane (CFC)	28109-69-5	Solvents, halogenated	aerosol	0.1%	P	No
Cybutryne; N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine	28159-98-0	Biocides, non-agricultural		0.1%	P	No
C.I. Disperse Yellow 3	2832-40-8	Pigments	dye	0.1%	D	No
1,1'-Biphenyl-2,4,4'-triamine	2835-69-0	Rubber chemical		0.01%	P	No
2-Chloro-1,1,1,2-tetrafluoroethane (HCFC)	2837-89-0	Solvents, halogenated	aerosol	0.1%	P	No
Cadmium didecanoate	2847-16-7	Metals, non-essential		0.01%	P	No
Diisodecyl azelate	28472-97-1	Unclassified		0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzenesulfonic acid,dodecyl(sulfophenoxy)-, sodium salt (1:2)	28519-02-0	Unclassified		0.1%	D	No
Di-isononyl phthalate (DINP)	28553-12-0	Plasticisers	binder	0.1%	R	No
Tetrachlorodifluoroethane (CFC)	28605-74-5	Solvents, halogenated	aerosol	0.1%	P	No
Heptachloro-1,1'-biphenyl (PCB)	28655-71-2	Flame retardant		0.0002%	P	No
Dibutylbis(myristoyloxy)stannane	28660-67-5	Metals, non-essential		0.1% by weight of tin	P	No
Nickel, [29H,31H-phthalocyanine-C,C,C,C-tetrasulfonyl tetrachloridato(2)-N29,N30,N31,N32]-	28680-76-4	Metals		0,5 µg/cm ² /week	R	No
C.I. Direct Red 7, C.I.24100	2868-75-9	Pigments		0.003%	P	No
C.I. Direct Orange 7, C.I.23380	2868-76-0	Pigments		0.003%	P	No
Dichloronaphthalene (PCN)	28699-88-9	Unclassified		0.1%	P	No
N,N'-Dixylyl-p-phenylenediamine	28726-30-9	Amines	antiageing	0.1%	R	No
Succinic anhydride, octadecenyl-	28777-98-2	Unclassified		0.1%	D	No
Tributyl(neodecanoyloxy)stannane	28801-69-6	Biocides		0.0001%	P	No
Imidazole	288-32-4	Unclassified		0.01%	D	No
Troclosene sodium; Sodium dichloroisocyanurate dihydrate	2893-78-9	Biocides, non-agricultural		0.1%	P	No
C.I. Direct Brown 6, C.I.30140	2893-80-3	Pigments		0.003%	P	No
Antimony arsenate	28980-47-4	Metals, non-essential		0.01%	R	No
Nickel, bis[1,2-diphenyl-1,2-ethenedithiolato(2-)-S,S']-, (SP-4-1)-	28984-20-5	Metals		0,5 µg/cm ² /week	R	No
Chlorohexafluoropropane (HCFC)	28987-04-4	Solvents, halogenated	aerosol	0.1%	P	No
Phenol, nonyl-, barium salt	28987-17-9	Metals, non-essential		0.1%	D	No
Ammonium perfluorooctanesulphonate (PFOS)	29081-56-9	Solvents, halogenated		0.1%	P	No
2-bromo-1,3,3,3-tetrafluoropropane	29151-25-5	Solvents, halogenated	aerosol	0.1%	P	No
Pentachlorophenol, zinc salt (PCP)	2917-32-0	Biocides, non-agricultural		0.0005%	P	No
Nickel, bis[2,3-bis(hydroxyimino)-N-phenylbutanamidato-N2,N3]-	29204-84-0	Metals		0,5 µg/cm ² /week	R	No
Mercury(1+) trifluoroacetate	2923-15-1	Metals, non-essential		0.1%	P	No
Tetrachlorotetrafluoropropane (CFC)	29255-31-0	Solvents, halogenated		0.1%	P	No
Nickel(II) isooctanoate	29317-63-3	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(2-), [29H,31H-phthalocyanine-C,C-disulfonato(4-)-N29,N30,N31,N32]-, dihydrogen	29383-29-7	Metals		0.1%	D	No
Triethyltin iodide	2943-86-4	Biocides		0.1%	P	No
Lithium perfluorooctane sulfonate (PFOS)	29457-72-5	Solvents, halogenated		0.1%	P	No
Cyclododecane	294-62-2	Intermediate		0.1%	R	No
Hexachlorofluoropropane (HCFC)	29470-94-8	Solvents, halogenated		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Tetrachlorotrifluoropropane (HCFC)	29470-95-9	Solvents, halogenated		0.1%	P	No
Lead sebacate	29473-77-6	Metals, non-essential		0.1%	P	No
Dimercury(I) oxalate	2949-11-3	Metals, non-essential		0.1%	P	No
Lead didocosanoate	29597-84-0	Metals, non-essential		0.1%	P	No
Hydrogen bis[N-[7-hydroxy-8-[[2-hydroxy-5-mesylphenyl]azo]-1-naphthyl]cobaltate(1-)]	29616-23-7	Metals		0.1%	D	No
Isodecyl diphenyl phosphate	29761-21-5	Unclassified		0.01%	D	No
Cadmium mercury telluride ((Cd,Hg)Te)	29870-72-2	Metals, non-essential		0.01%	P	No
Copper arsenate	29871-13-4	Metals, non-essential		0.01%	R	No
Dibutyltin bis(oleyl maleate)	29881-72-9	Metals, non-essential		0.1% by weight of tin	P	No
2(3H)-Benzothiazolethione, cobalt(2+) salt	29904-98-1	Metals		0.1%	D	No
Potassium N-ethyl-N- [(heptadecafluorooctyl)sulfonyl] glycinate (PFOS)	2991-51-7	Solvents, halogenated		0.1%	P	No
Arsenate(1-), hexafluoro-, lithium	29935-35-1	Metals, non-essential		0.01%	R	No
N,N'-Ethylenebis(glycinato-O,N)cobalt	29977-10-4	Metals		0.1%	D	No
[[N,N'-ethylenebis(glycinato)](2-)-N,N',O,O']cadmium	29977-13-7	Metals, non-essential		0.01%	P	No
Hydrogen bis[2,4-dihydro-4-[[2-hydroxy-5-mesylphenyl]azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]cobaltate(1-)]	29998-71-8	Metals		0.1%	D	No
Acetic acid, lead(2+) salt	301-04-2	Metals, non-essential	catalyst	0.1%	P	Yes
Hexanoic acid, 2-ethyl-, lead(2+) salt	301-08-6	Metals, non-essential		0.1%	P	No
Oxydemeton-methyl	301-12-2	Unclassified		0.1%	D	No
Thiocyanic acid, cobalt(2+) salt	3017-60-5	Metals		0.1%	D	No
Hydrazine	302-01-2	Intermediate		0.1%	R	Yes
Cadmium bis[benzoate]	3026-22-0	Metals, non-essential		0.01%	P	No
Dibutylbis[(.beta.-hydroxyethyl)thio]tin	3026-81-1	Metals, non-essential		0.1% by weight of tin	P	No
Cadmium isooctanoate	30304-32-6	Metals, non-essential		0.01%	P	No
Oxophenarsine	306-12-7	Metals, non-essential		0.01%	R	No
Cobaltate(1-), [29H,31H-phthalocyanine-C-sulfonato(3-)-N29,N30,N31,N32]-, hydrogen	30638-08-5	Metals		0.1%	D	No
Bis(trichloromethyl) sulphone	3064-70-8	Biocides, non-agricultural		0.1%	P	No
1,1,2,2-Tetrabromo-1-fluoroethane (HBFC)	306-80-9	Solvents, halogenated		0.1%	P	No
2,2-Dichloro-1,1,1-trifluoroethane (HCFC)	306-83-2	Solvents, halogenated	aerosol	0.1%	P	No
2-Propenoic acid, 2-methyl, dodecyl ester, polymers with 2-[methyl[(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and vinylidene chloride PFOS)	306975-62-2	Solvents, halogenated		0.1%	P	No
Perfluorooctane sulfonyl fluoride (PFOS-F)	307-35-7	Solvents, halogenated		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Tricosafuorododecanoic acid	307-55-1	Unclassified		0.1%	R	Yes
Chloro[p-[(2-hydroxy-1-naphthyl)azo]phenyl]mercury	3076-91-3	Metals, non-essential		0.1%	P	No
4-Heptylphenol, branched and linear	30784-27-1	Unclassified		0.1%	R	Yes
p-(1,1-Dimethylheptyl)phenol	30784-30-6	Surface-active agents	surfactant	0.1%	R	Yes
4-Heptylphenol, branched and linear	30784-31-7	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	30784-32-8	Unclassified		0.1%	R	Yes
Silver phosphate glass	308069-39-8	Biocides, non-agricultural		0.0001%	R	No
Quaternary ammonium iodides	308074-50-2	Biocides, non-agricultural		0.1%	P	No
Aldrin (ISO)	309-00-2	Biocides	antimould	0.1%	P	No
Tributyl(oleoyloxy)stannane	3090-35-5	Biocides		0.0001%	P	No
Tributyl(lauroyloxy)stannane	3090-36-6	Biocides		0.0001%	P	No
Phosphonic acid, [[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]-, monoethyl ester, nickel(2+) salt (2:1)	30947-30-9	Metals		0,5 µg/cm ² /week	R	No
Cadmium dodecylbenzenesulphonate	31017-44-4	Metals, non-essential		0.01%	P	No
N,N,N',N'-Tetramethylethylenediaminebis(2-chloroethyl)ether copolymer	31075-24-8	Biocides, non-agricultural		0.1%	P	No
Ethyl perfluorooctanoate (PFOA)	3108-24-5	Solvents, halogenated		0.0000025%	P	No
Nonadecafluorodecanoic acid, ammonium salt (PFDA)	3108-42-7	Unclassified	lubricant	0.1%	R	Yes
Cadmium sulphate	31119-53-6	Metals, non-essential		0.01%	P	Yes
Hexabromodiphenyl ether (PBDE)	31153-30-7	Flame retardant		0.1%	P	No
Cadmium (1,1-dimethylethyl)benzoate	31215-94-8	Metals, non-essential		0.01%	P	No
(Metaborato-O)phenylmercury	31224-71-2	Metals, non-essential		0.1%	P	No
Diplumbane, hexaphenyl-	3124-01-4	Metals, non-essential		0.1%	P	No
Cu-HDO; Bis(N-cyclohexyl- diazenium-dioxy)-copper); Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O)diazeniumato(2-)]-copper	312600-89-8	Biocides, non-agricultural		0.1%	P	No
Dicyclohexylamine nitrite	3129-91-7	Amines		0.1%	D	No
Triethyl arsenite	3141-12-6	Metals, non-essential		0.01%	R	No
Tetrachloro(tetrachlorophenyl)benzene (PCB)	31472-83-0	Flame retardant		0.0002%	P	No
2-(2H-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	Intermediate	stabilizer	0.01%	D	No
Tris(2,4-di-tert-butylphenyl)phosphite	31570-04-4	Unclassified		0.1%	D	No
Cobaltate(1-), bis[1-[(5-chloro-2-hydroxyphenyl)azo]-2-naphthalenolato(2-)]-, hydrogen	31586-68-2	Metals		0.1%	D	No
[Naphthoato(1-)-O]phenylmercury	31632-68-5	Metals, non-essential		0.1%	P	No
Silicic acid (H ₂ SiO ₃), nickel(2+) salt (4:3)	31748-25-1	Metals		0,5 µg/cm ² /week	R	No
Hexachlorodifluoropropane (CFC)	3182-26-1	Solvents, halogenated		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	3194-55-6	Flame retardant	electronics	0.01%	P	Annex XIV
Sodium 4-chloromercuribenzoate	3198-04-7	Metals, non-essential		0.1%	P	No
alpha-Hexachlorocyclohexane (HCH)	319-84-6	Biocides	insecticide	0.1%	P	No
beta-Hexachlorocyclohexane (HCH)	319-85-7	Biocides	insecticide	0.1%	P	No
delta-Hexachlorocyclohexane (HCH)	319-86-8	Biocides	insecticide	0.1%	R	No
Acetate, S,S'-bis(octylmercapto-, dibutyltin	32011-18-0	Metals, non-essential		0.1% by weight of tin	P	No
Tin, dibutylbis(methyl 3-mercaptopropanoato-O,S)-	32011-19-1	Metals, non-essential		0.1% by weight of tin	P	No
Lead dimyristate	32112-52-0	Metals, non-essential		0.1%	P	No
2-Propenoic acid, 2-methyl-, methyl ester, telomere with 1-dodecanethiol, 2-ethylhexyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 2-Propenoic acid (PFOA)	321318-71-2	Solvents, halogenated		0.0000025%	R	No
Heptachloronaphthalene (PCN)	32241-08-0	Unclassified		0.1%	P	No
Poly(hexamethylenebiguanide)hydrochloride	32289-58-0	Biocides, non-agricultural	disinfectant	0.1%	P	No
Phenylmercury dimethyldithiocarbamate	32407-99-1	Metals, non-essential		0.1%	P	No
Decyldimethyloctylammonium chloride	32426-11-2	Biocides, non-agricultural		0.1%	P	No
Docosanoic acid, lead salt	3249-61-4	Metals, non-essential		0.1%	P	No
Hydrogen bis[1-[(2-hydroxy-4-nitrophenyl)azo]naphthalen-2-olato(2-)]cobaltate(1-)	32517-38-7	Metals		0.1%	D	No
Cobalt, bis[(2,3-butanedione dioximato)(1-)-N,N']-, (SP-4-1)-	3252-99-1	Metals		0.1%	D	No
Pentabromodiphenyl ether (PBDE)	32534-81-9	Flame retardant	electronics	0.001%	P	No
Octabromodiphenyl ether (PBDE)	32536-52-0	Flame retardant	electronics	0.1%	P	No
N,N'-Ethylenebis(3,4,5,6-tetrabromophthalimide)	32588-76-4			0.1%	D	No
3,3',4,4'-Tetrachlorobiphenyl (PCB)	32598-13-3	Flame retardant		0.0002%	P	No
Nickel, bis(2,4-pentanedionato-O,O')-, (SP-4-1)-	3264-82-2	Metals		0,5 µg/cm ² /week	R	No
Cobalt succinate	3267-76-3	Metals		0.1%	D	No
Tripropyltin acetate	3267-78-5	Biocides		0.1%	P	No
Arsenic acid (H3AsO4), ammonium copper(2+) salt (1:1:1)	32680-29-8	Metals, non-essential		0.01%	R	No
Octachlorodibenzo-p-dioxin	3268-87-9	Impurities		0.000001%	P	No
Bromochloro-5,5-dimethyl-2,4-imidazolidinedione	32718-18-6	Biocides	fungicide	0.1%	P	No
3,4,5,3',4',5'-Hexachlorobiphenyl (PCB)	32774-16-6	Flame retardant		0.0002%	P	No
Europium arsenide (EuAs)	32775-46-5	Metals, non-essential		0.01%	R	No
2-Bromo-[1,1';4,1'']terphenyl (PBT)	3282-24-4	Flame retardant	capacitor	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Synthetic fibers, aluminum oxide-calcium oxide-magnesium oxide-silica	329211-92-9	Fibres		0.1%	D	No
Mercury, phenyl(trichloromethyl)-	3294-57-3	Metals, non-essential		0.1%	P	No
(Bromodichloromethyl)phenylmercury	3294-58-4	Metals, non-essential		0.1%	P	No
Phenyl(tribromomethyl)mercury	3294-60-8	Metals, non-essential		0.1%	P	No
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	Flame retardant		0.01%	D	No
3,5,5-Trimethylhexanoic acid	3302-10-1	Unclassified		0.01%	D	No
Diuron (ISO)	330-54-1	Biocides, non-agricultural	polymer	0.0001%	R	No
4-Heptylphenol, branched and linear	33104-11-9	Unclassified		0.1%	R	No
Cobalt, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, (SP-4-1)-	3317-67-7	Metals		0.1%	D	No
Tris(2-ethylhexyl)-benzene-1,2,4-tricarboxylate	3319-31-1	Unclassified		0.01%	D	No
beta-Endosulfan	33213-65-9	Biocides	insecticide	0.1%	P	No
3-Chloro-2-hydroxypropylammonium chloride	3327-22-8	Unclassified		0.1%	D	No
Nickel carbonate	3333-67-3	Metals		0,5 µg/cm ² /week	R	No
C.I. Direct Brown 25, C.I.36030	33363-87-0	Pigments		0.003%	P	No
Copper arsenite	33382-64-8	Metals, non-essential		0.01%	R	No
Diammonium tetrachloromercurate	33445-15-7	Metals, non-essential		0.1%	P	No
5,7,12-Trioxa-6-stannatetracos-2,9-dienoic acid, 6,6-dibutyl-4,8,11-trioxo-, dodecyl ester, (Z,Z)-	33466-31-8	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin dibutoxide	3349-36-8	Metals, non-essential		0.1% by weight of tin	P	No
N,N-dimethylformamide	33513-42-7	Unclassified		0.1%	R	No
Tributyltin gamma-chlorobutyrate	33550-22-0	Biocides		0.0001%	P	No
Pentadecafluorooctanoyl fluoride (PFOA)	335-66-0	Solvents, halogenated		0.0000025%	P	No
Pentadecafluorooctanoic acid (PFOA)	335-67-1	Solvents, halogenated	water repellent	0.0000025%	P	Yes
Diocetyl tin bis(isooctyl maleate)	33568-99-9	Metals, non-essential		0.1% by weight of tin	P	No
Nonadecafluorodecanoic acid (PFDA)	335-76-2	Unclassified	lubricant	0.1%	R	Yes
Silver perfluorooctanoate (PFOA)	335-93-3	Solvents, halogenated		0.0000025%	P	No
Sodium pentadecafluorooctanoate (PFOA)	335-95-5	Solvents, halogenated		0.0000025%	P	No
Lead dilinoleate	33627-12-2	Metals, non-essential		0.1%	P	No
Bis[(+)-lactato]mercury	33724-17-3	Metals, non-essential		0.1%	P	No
Mercury, [2,5-dichloro-3,6-dihydroxy-2,5-cyclohexadiene-1,4-dionato(2-)-O1,O6]-	33770-60-4	Metals, non-essential		0.1%	P	No
5-Chloro-2-(4-chlorophenoxy)-phenol (DCPP)	3380-30-1	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Triclosan	3380-34-5	Biocides, non-agricultural	bactericide	0.1%	P	No
2,7-Dichlorodibenzo-p-dioxin	33857-26-0	Impurities		0.000001%	P	No
1-Chloro-1,2-difluoroethane (HCFC)	338-64-7	Solvents, halogenated	aerosol	0.1%	P	No
2-Chloro-1,1-difluoroethane (HCFC)	338-65-8	Solvents, halogenated	aerosol	0.1%	P	No
2,3-Dichloro-1,1,1-trifluoropropane (HCFC)	338-75-0	Solvents, halogenated		0.1%	P	No
[[2,2'-Thiobis[3-octylphenolato]](2-)-O,O',S]nickel	33882-09-6	Metals		0,5 µg/cm ² /week	R	No
Lead dibromate	34018-28-5	Metals, non-essential		0.1%	P	No
Dichlorotrifluoroethane (HCFC)	34077-87-7	Solvents, halogenated		0.1%	P	No
Cadmium [R-(R*,R*)]-tartrate	34100-40-8	Metals, non-essential		0.01%	P	No
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI) (PFHxS)	341035-71-0	Solvents, halogenated		0.1%	R	Yes
Titanate(2-), hexafluoro-, nickel(2+), (1:1), (OC-6-11)-	34109-80-3	Metals		0,5 µg/cm ² /week	R	No
Isoproturon; 3-(4-Isopropylphenyl)-1,1-dimethylurea	34123-59-6	Biocides, non-agricultural		0.1%	P	No
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	341548-85-4	Solvents, halogenated		0.1%	R	Yes
17-(4-Nonylphenoxy)-3,6,9,12,15-pentaoxaheptadecan-1-ol	34166-38-6	Surface-active agents	surfactant	0.01%	P	Annex XIV
1-Chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]-benzene (DDE)	3424-82-6	Biocides	insecticide	0.1%	R	No
1,4-Benzenedicarboxylic acid, cobalt salt	34262-88-9	Metals		0.1%	D	No
Cadmium didocosanoate	34303-23-6	Metals, non-essential		0.01%	P	No
1,3-Dioxane, 2-[[1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	343934-04-3	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[[1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	343934-05-4	Unclassified		0.1%	R	Yes
Tetrapropyl lead	3440-75-3	Metals, non-essential		0.1%	P	No
Mercury(II) oxalate	3444-13-1	Metals, non-essential		0.1%	P	No
Hexachlorodibenzodioxin	34465-46-8	Impurities		0.000001%	P	No
Cobalt lithium manganese nickel oxide	346417-97-8	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(1-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)]-, sodium, (OC-6-22')-	34664-47-6	Metals		0.1%	D	No
1-[(2,4-dinitrophenyl)azo]-2-naphthol	3468-63-1	Pigments		0.01%	D	No
Cobaltate(1-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-N-(2-chlorophenyl)-3-oxobutan amidato(2-)]-, sodium	34735-28-9	Metals		0.1%	D	No
C.I. Direct brown 59, disodium salt	3476-90-2	Pigments		0.003%	P	No
Nickelate(1-), [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']-, hydrogen, (T-4)-	34831-03-3	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Diisopropylammonium nitrite	34915-40-7	Unclassified		0.1%	D	No
Lead (II) methylthiolate	35029-96-0	Metals, non-essential		0.1%	P	No
2,4,5,2',4',5'-Hexachlorobiphenyl (PCB)	35065-27-1	Flame retardant		0.0002%	P	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, scandium(3+) salt (3:1) (PFHxS)	350836-93-0	Solvents, halogenated		0.1%	R	Yes
Phosphoric acid, beryllium salt	35089-00-0	Metals, non-essential		0.1%	R	No
Lead cyanamide	35112-70-0	Metals, non-essential		0.1%	P	No
Heptabromobiphenyl	35194-78-6	Flame retardant		0.001%	P	No
Propyl bromoacetate	35223-80-4			0.1%	D	No
1-Bromo-3-fluoropropane (HBFC)	352-91-0	Solvents, halogenated	aerosol	0.1%	P	No
C.I. Direct Red 37, C.I.22240	3530-19-6	Pigments		0.003%	P	No
Ethyl fluoride (HFC)	353-36-6	Solvents, halogenated		0.1%	P	No
Tribromofluoromethane	353-54-8	Solvents, halogenated		0.1%	P	No
Bromodichlorofluoromethane	353-58-2	Solvents, halogenated		0.1%	P	No
Bromochlorodifluoromethane	353-59-3	Solvents, halogenated	aerosol	0.1%	P	No
Tetrabromofluoroethane (HBFC)	353-93-5	Solvents, halogenated	aerosol	0.1%	P	No
Tribromodifluoroethane (HBFC)	353-97-9	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dibromo-1,1,2-trifluoroethane (HBFC)	354-04-1	Solvents, halogenated	aerosol	0.1%	P	No
Ethane, 1-bromo-2-chloro-1,1,2-trifluoro-	354-06-3	Solvents, halogenated		0.1%	P	No
1,1,1,2-Tetrachloro-2-fluoroethane (HCFC)	354-11-0	Solvents, halogenated	aerosol	0.1%	P	No
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC)	354-14-3	Solvents, halogenated	aerosol	0.1%	P	No
1,2,2-Trichloro-1,2-difluoroethane (HCFC)	354-15-4	Solvents, halogenated	aerosol	0.1%	P	No
Ethane, 2-bromo-1-chloro-1,1,2-trifluoro-	354-20-1	Solvents, halogenated		0.1%	P	No
1,2,2-Trichloro-1,1-difluoroethane (HCFC)	354-21-2	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1,1,2-trifluoroethane (HCFC)	354-23-4	Solvents, halogenated		0.1%	P	No
Diocetyl tin dichloride	3542-36-7	Metals, non-essential		0.1% by weight of tin	P	No
1-Chloro-1,1,2,2-tetrafluoroethane (HCFC)	354-25-6	Solvents, halogenated	aerosol	0.1%	P	No
Pentafluoroethane (HFC)	354-33-6	Solvents, halogenated	blowing agent	0.1%	P	No
1,1,1-Tribromo-2,2,2-trifluoroethane	354-48-3	Solvents, halogenated		0.1%	P	No
1,2-Dibromo-1-chloro-1,2,2-trifluoroethane	354-51-8	Solvents, halogenated		0.1%	P	No
Bromopentafluoroethane	354-55-2	Solvents, halogenated		0.1%	P	No
Pentachlorofluoroethane (CFC)	354-56-3	Solvents, halogenated	aerosol	0.1%	P	No
1,1,1-Trichlorotrifluoroethane (CFC)	354-58-5	Solvents, halogenated	aerosol	0.1%	P	No
Orthoboric acid, lead(2+) salt	35498-15-8	Metals, non-essential		0.1%	P	No
Decafluorobutane (PFC)	355-25-9	Solvents, halogenated		0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluorohexane-1-sulfonic acid (PFHxS)	355-46-4	Solvents, halogenated		0.1%	R	Yes
Imazalil; 1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole	35554-44-0	Biocides, non-agricultural		0.1%	P	No
Dichlorohexafluorocyclobutane	356-18-3	Solvents, halogenated		0.1%	P	No
C.I. Acid Red 85	3567-65-5	Pigments		0.003%	P	No
1,2-Dibromo-2,4-dicyanobutane	35691-65-7	Biocides, non-agricultural	bactericide	0.1%	P	No
Fluorescein mercuric acetate	3570-80-7	Metals, non-essential		0.1%	P	No
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	Impurities		0.000001%	P	No
Lead bis(3,5,5-trimethylhexanoate)	35837-70-8	Metals, non-essential		0.1%	P	No
(ethylenedioxy)dimethanol/ 1,6-Dihydroxy-2,5-dioxyhexane	3586-55-8	Biocides		0.1%	P	No
1,2-Dibromofluoroethane (HBFC)	358-97-4	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,2-difluoroethylene (HCFC)	359-04-6	Solvents, halogenated		0.1%	P	No
2-Bromo-1,1-difluoroethane (HBFC)	359-07-9	Solvents, halogenated	aerosol	0.1%	P	No
2-Bromo-1,1-difluoroethene (HBFC)	359-08-0	Solvents, halogenated		0.1%	P	No
2-Chloro-1,1-difluoroethylene (HCFC)	359-10-4	Solvents, halogenated		0.1%	P	No
1,1-Dibromo-2,2-difluoroethane (HBFC)	359-19-3	Solvents, halogenated		0.1%	P	No
1,1,2-Trichloro-2-fluoroethane (HCFC)	359-28-4	Solvents, halogenated	aerosol	0.1%	P	No
1,1,2,2-Tetrafluoroethane (HFC)	359-35-3	Non-chlorinated halogen		0.1%	P	No
1-Chloro-1,1,2,3,3,3-hexafluoropropane (HFC)	359-58-0	Solvents, halogenated		0.1%	D	No
Nickel bisphosphinate	36026-88-7	Metals		0,5 µg/cm ² /week	R	No
Cadmium 3,5,5-trimethylhexanoate	36211-44-6	Metals, non-essential		0.01%	P	No
Chloro[2,2',2''-nitilotris[ethanolato]-N,O,O',O'']cobalt	36217-04-6	Metals		0.1%	D	No
Nickel, bis(dipentylcarbamodithioato-S,S')-, (SP-4-1)-	36259-37-7	Metals		0,5 µg/cm ² /week	R	No
Methylmercury benzoate	3626-13-9	Metals, non-essential		0.1%	P	No
C.I. Direct Black 29, C.I.22580	3626-23-1	Pigments		0.003%	P	No
C.I. Direct Green 1, C.I.30280	3626-28-6	Pigments		0.003%	P	No
C.I. Direct Brown 101, C.I.31740	3626-29-7	Pigments		0.003%	P	No
Undecane, octachloro-	36312-81-9	Flame retardant		0.1%	P	No
Benzidine acetate	36341-27-2	Unclassified		0.01%	P	No
Hexabromobiphenyl (PBB)	36355-01-8	Flame retardant		0.001%	P	No
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV 350)	36437-37-3	Unclassified		0.1%	R	Yes
p-Nitrophenoxytributyltin	3644-32-4	Biocides		0.0001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzenepropanoic acid, 3-(1,1-dimethylethyl)-4-hydroxy-5-methyl-, 1,2-ethanedilylbis(oxy-2,1-ethanedilyl) ester	36443-68-2	Unclassified		0.1%	D	No
2-Biphenyloxy tributyltin	3644-37-9	Biocides		0.0001%	P	No
Diocetyl tin dilaurate	3648-18-8	Metals, non-essential		0.1% by weight of tin	P	No
1,2-Benzenedicarboxylic acid, diundecyl ester	3648-20-2	Plasticisers		0.01%	D	No
Hexabromodiphenyl ether (PBDE)	36483-60-0	Flame retardant	electronics	0.001%	P	No
Dicobalt edetate	36499-65-7	Metals		0.1%	D	No
Lead, bis(dipentylcarbamodithioato-S,S')-, (T-4)-	36501-84-5	Metals, non-essential		0.1%	P	No
Nickel, bis(phenyldiazene-carbothioic acid 2-phenylhydrazidato)-	36545-21-8	Metals		0,5 µg/cm ² /week	R	No
Tributyltin naphthenate	36631-23-9	Biocides		0.0001%	P	No
Ammonium cobalt orthophosphate	36835-61-7	Metals		0.1%	D	No
Trilead diarsenate	3687-31-8	Metals, non-essential		0.1%	P	Yes
C.I. Direct Red 26, C.I.29190	3687-80-7	Pigments		0.003%	P	No
Disodium 4-[(o-arsonophenyl)azo]-3-hydroxynaphthalene-2,7-disulphonate	3688-92-4	Metals, non-essential		0.01%	R	No
Nickel dihydroxide hydrate	36897-37-7	Metals		0,5 µg/cm ² /week	R	No
Dipyrrithione	3696-28-4	Biocides, non-agricultural		0.1%	P	No
Diphosphoric acid, barium cadmium salt	37131-86-5	Metals, non-essential		0.01%	P	No
Benzyl dimethylol ethyl ammonium chloride	37139-99-4	Biocides, non-agricultural		0.1%	P	No
Lead ruthenium oxide (PbRuO ₃)	37194-88-0	Metals, non-essential		0.1%	P	No
Ethoxylated isononylphenol	37205-87-1	Surface-active agents		0.01%	P	Annex XIV
Nickel chloride	37211-05-5	Metals		0,5 µg/cm ² /week	R	No
Arsenic chloride	37226-49-6	Metals, non-essential		0.01%	R	No
Dilead dirhodium heptaoxide	37240-96-3	Metals, non-essential		0.1%	P	No
Perboric acid, sodium salt, tetrahydrate	37244-98-7	Unclassified		0.1%	R	Yes
Lead Molybdate Orange YE 428D (9CI)	37268-42-1	Pigments	colouring agent	0.1%	P	No
Potassium zinc chromate yellow	37300-23-5	Pigments	dye	0.1%	P	No
Nickel di(acetate)	373-02-4	Metals		0,5 µg/cm ² /week	R	No
Bromofluoromethane	373-52-4	Solvents, halogenated	aerosol	0.1%	P	No
C.I. Direct Black 154	37372-50-2	Pigments		0.003%	P	No
Aluminum gallium arsenide ((Al,Ga)As)	37382-15-3	Metals, non-essential		0.01%	R	No
Chromium cobalt oxide	37382-24-4	Metals		0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,1-Dichloro-1,2,2,2-tetrafluoroethane (CFC)	374-07-2	Solvents, halogenated	aerosol	0.1%	P	No
Oligo(2-(2-ethoxy)ethoxyethylguanidinium chloride)	374572-91-5	Biocides, non-agricultural		0.1%	P	No
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid (PFBS)	375-73-5			0.1%	D	No
Perfluorononanoic acid (PFNA)	375-95-1	Surface-active agents	surfactant	0.1%	R	Yes
Heptacosafuorotetradecanoic acid	376-06-7	Unclassified		0.1%	R	Yes
Methyl perfluorooctanoate (PFOA)	376-27-2	Solvents, halogenated		0.0000025%	P	No
Pentachlorophenol dodecanoate (PCP)	3772-94-9	Biocides, non-agricultural		0.0005%	P	No
Chloroheptafluorocyclobutane (CFC)	377-41-3	Solvents, halogenated		0.1%	P	No
Sodium 2,4,6-trichlorophenolate	3784-03-0	Biocides, non-agricultural		0.1%	P	No
4-Heptylphenol, branched and linear	37872-24-5	Unclassified		0.1%	R	Yes
Fluorotriphenylstannane	379-52-2	Biocides		0.1%	P	No
Dimethyl[.mu.-[sulphato(2-)-O:O']]dimercury	3810-81-9	Metals, non-essential		0.1%	P	No
C.I. Direct Brown 1, C.I.30045	3811-71-0	Pigments		0.003%	P	No
Pyridine-2-thiol 1-oxide, sodium salt	3811-73-2	Biocides, non-agricultural		0.0001%	R	No
Mercurous azide	38232-63-2	Metals, non-essential		0.1%	P	No
Diboron cobalt(2+) tetraoxide	38233-75-9	Metals		0.1%	D	No
Ammonium pentadecafluorooctanoate (PFOA)	3825-26-1	Solvents, halogenated		0.0000025%	P	Yes
Polychloronaphthalene (PCN)	38289-27-9	Unclassified		0.1%	P	No
Sodium nonadecafluorodecanoate (PFDA)	3830-45-3	Unclassified	lubricant	0.1%	R	Yes
2,3,4,5,6-Pentabromobiphenyl (PBB)	38421-62-4	Flame retardant		0.001%	P	No
Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, disodium salt	3844-45-9	Unclassified		0.1%	D	No
Nickel, bis[1-[4-(dimethylamino)phenyl]-2-phenyl-1,2-ethenedithiolato(2-)-S,S']-	38465-55-3	Metals		0,5 µg/cm ² /week	R	No
2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-phenol (UV 320)	3846-71-7	Unclassified	stabilizer	0.1%	P	Yes
Cadmium(2+) (R)-12-hydroxyoctadecanoate	38517-19-0	Metals, non-essential		0.01%	P	No
Cyclohexanebutanoic acid, cobalt(2+) salt	38582-17-1	Metals		0.1%	D	No
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV 327)	3864-99-1	Unclassified		0.1%	R	Yes
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid, potassium salt (PFHxS)	3871-99-6	Solvents, halogenated		0.1%	R	Yes
Nickel(2+), tris(4,7-diphenyl-1,10-phenanthroline-N1,N10)-, (OC-6-11)-, dinitrate	38780-90-4	Metals		0,5 µg/cm ² /week	R	No
Lead isophthalate	38787-87-0	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel, bis[2-butene-2,3-dithiolato(2-)-S,S']-, (SP-4-1)-	38951-94-9	Metals		0,5 µg/cm ² /week	R	No
Nickel, bis[1,2-bis(4-methoxyphenyl)-1,2-ethenedithiolato(2-)-S,S']-, (SP-4-1)-	38951-97-2	Metals		0,5 µg/cm ² /week	R	No
5-Chlorobenzotriazole, 2-(2-Hydroxy-3-tert-butyl-5-methylphenyl)- (UV-326)	3896-11-5	Unclassified		0.01%	D	No
Octachlorodibenzofuran	39001-02-0	Impurities		0.000001%	P	No
Phenolphthalein	390417-24-0	Unclassified		0.1%	R	Yes
Dipotassium tris(cyano-c)nickelate(2-)	39049-81-5	Metals		0,5 µg/cm ² /week	R	No
Cyclohexanebutanoic acid, nickel(2+) salt	3906-55-6	Metals		0,5 µg/cm ² /week	R	No
2,4-Diaminoanisole sulfate	39156-41-7	Amines	azo dye	0.1%	D	No
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	Impurities		0.000001%	P	No
Strontium arsenide (Sr3As2)	39297-24-0	Metals, non-essential		0.01%	R	No
Lead hydroxide	39345-91-0	Metals, non-essential		0.1%	P	No
Lead/Tin alloy	39412-44-7	Metals, non-essential		0.1%	P	No
Beryllium zinc silicate	39413-47-3	Metals, non-essential		0.1%	R	No
Nickel, (carbonato(2-))tetrahydroxytri-, tetrahydrate	39430-27-8	Metals		0,5 µg/cm ² /week	R	No
Tetrabromobisphenol S (TBBPS)	39635-79-5	Flame retardant		0.01%	D	No
Nickel bis(benzenesulphonate)	39819-65-3	Metals		0,5 µg/cm ² /week	R	No
Silver-zinc-aluminium-boronphosphate glass; Glass oxide, silver- and zinc-containing	398477-47-9	Biocides, non-agricultural		0.1%	P	No
2,3,3,4-Tetrabromobiphenyl (PBB)	40088-45-7	Flame retardant		0.001%	P	No
Tetrabromodiphenyl ether (PBDE)	40088-47-9	Flame retardant	electronics	0.001%	P	No
Phenol, formaldehyde, bisphenol A, epichlorohydrin polymer	40216-08-8	Unclassified		0.1%	D	No
Tributyltin nonanoate	4027-14-9	Biocides		0.0001%	P	No
Tributyltin cyanate	4027-17-2	Biocides		0.0001%	P	No
4-Oxo-4-[(tributylstannyl)oxy]but-2-enoic acid	4027-18-3	Biocides		0.0001%	P	No
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	Impurities		0.000001%	P	No
4,4'-Diamino[1,1'-bianthracene]-9,9',10,10'-tetraone	4051-63-2	Pigments		0.1%	D	No
Cobalt, bis(dicyclohexylphosphinodithioato-S,S')-	40621-10-1	Metals		0.1%	D	No
1,1,1,3,3-Pentafluorbutane (HFC)	406-58-6	Non-chlorinated halogen	refrigerant	0.1%	P	No
Pentaethylenehexamine (PEHA) (Polyamine Curing Agent)	4067-16-7	Intermediate	additive in fuel	0.01%	D	No
1,1,2,2-Tetrafluoropropane (HFC)	40723-63-5	Solvents, halogenated		0.1%	P	No
Methenamine 3-chloroallylochloride	4080-31-3	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Isophorone diisocyanate	4098-71-9	Intermediate, monomers	paint	0.01%	D	No
1-(Tricyclohexylstanny)-1H-1,2,4-triazole	41083-11-8	Biocides		0.1%	P	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, neodymium(3+) salt (3:1) (PFHxS)	41184-65-0	Solvents, halogenated		0.1%	R	Yes
Chromic acid, potassium zinc salt	41189-36-0	Metals, non-essential		0.1%	P	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, yttrium(3+) salt (3:1) (PFHxS)	41242-12-0	Solvents, halogenated		0.1%	R	Yes
Lead b-resorcylate	41453-50-3	Metals, non-essential		0.1%	P	No
Nickel bis(piperidine-1-carbodithioate)	41476-75-9	Metals		0,5 µg/cm ² /week	R	No
Ammonium perfluorononanoate (PFNA)	4149-60-4	Surface-active agents	surfactant	0.1%	R	Yes
Tripropyltin methacrylate	4154-35-2	Biocides		0.1%	P	No
Decanedioic acid, bis(1,2,2,6,6- pentamethyl-4-piperidinyl)ester	41556-26-7	Intermediate	stabilizer	0.1%	D	No
Lead bis(piperidine-1-carbodithioate)	41556-46-1	Metals, non-essential		0.1%	P	No
Dimethyltetradecyl[3-(trimethoxysilyl)-propyl]ammonium chloride	41591-87-1	Biocides, non-agricultural		0.0001%	R	No
Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]-	41637-38-1	Unclassified		0.01%	D	No
Cadmium 4-(1,1-dimethylethyl)benzoate	4167-05-9	Metals, non-essential		0.01%	P	No
Trichlorodifluoroethane (HCFC)	41834-16-6	Solvents, halogenated		0.1%	P	No
C.I. Direct Blue 10, C.I.24340	4198-19-0	Pigments		0.003%	P	No
2-Chloro-2-fluoropropane (HCFC)	420-44-0	Solvents, halogenated	aerosol	0.1%	P	No
1,1,1-Trifluoroethane (HFC)	420-46-2	Non-chlorinated halogen	aerosol	0.1%	P	No
1-Bromo-1,1-difluoroethane (HBFC)	420-47-3	Solvents, halogenated		0.1%	P	No
Tribromodifluoroethane (HBFC)	420-88-2	Solvents, halogenated	aerosol	0.1%	P	No
Bromodifluoropropane (HBFC)	420-89-3	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-2-fluoropropane (HCFC)	420-97-3	Solvents, halogenated	aerosol	0.1%	P	No
Bromodifluoropropane (HBFC)	420-98-4	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-2,2-difluoropropane (HCFC)	420-99-5	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,2-trifluoroethane (HCFC)	421-04-5	Solvents, halogenated	aerosol	0.1%	P	No
2-Bromo-1,1,1-trifluoroethane (HBFC)	421-06-7	Solvents, halogenated	aerosol	0.1%	P	No
Bromotrifluoropropane	421-46-5	Solvents, halogenated	aerosol	0.1%	P	No
2-Chloro-1,1,1-trifluoropropane (HCFC)	421-47-6	Solvents, halogenated	aerosol	0.1%	P	No
Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (PFHxS)	421555-73-9	Solvents, halogenated		0.1%	R	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (PFHxS)	421555-74-0	Solvents, halogenated		0.1%	R	Yes
1-Chloro-1,1,2,2-tetrafluoropropane (HCFC)	421-75-0	Solvents, halogenated	aerosol	0.1%	P	No
Tribromotrifluoropropane (HBFC)	421-90-9	Solvents, halogenated	aerosol	0.1%	P	No
Pentachlorofluoropropane (HCFC)	421-94-3	Solvents, halogenated	aerosol	0.1%	P	No
1,1,3-Trichloro-1,2,2-trifluoropropane (HCFC)	421-99-8	Solvents, halogenated	aerosol	0.1%	P	No
1-bromo-1,1,2,2,2-pentafluoro-propane	422-01-5	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,2,2,3-pentafluoropropane (HCFC)	422-02-6	Solvents, halogenated	aerosol	0.1%	P	No
Benzoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 2,4-bis(1,1-dimethylethyl)phenyl ester	4221-80-1	Unclassified		0.1%	D	No
Hexachlorofluoropropane (HCFC)	422-40-2	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC)	422-44-6	Solvents, halogenated	aerosol	0.1%	P	No
2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC)	422-48-0	Solvents, halogenated	aerosol	0.1%	P	No
Pentachlorodifluoropropane (HCFC)	422-49-1	Solvents, halogenated	aerosol	0.1%	P	No
1,3,3-Trichloro-1,1,2,2-tetrafluoropropane (HCFC)	422-54-8	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,2,2,3,3-hexafluoropropane (HCFC)	422-55-9	Solvents, halogenated		0.1%	P	No
3,3-Dichloro-1,1,1,2,2,2-pentafluoropropane (HCFC)	422-56-0	Solvents, halogenated	aerosol	0.1%	P	No
2-Chloro-1,1,1,3,3,3-hexafluoropropane (HCFC)	422-57-1	Solvents, halogenated	aerosol	0.1%	P	No
Heptachlorofluoropropane (CFC)	422-78-6	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,2,2,3,3,3-heptafluoropropane (CFC)	422-86-6	Solvents, halogenated	aerosol	0.1%	P	No
Dibutylthioxostannane	4253-22-9	Metals, non-essential		0.1% by weight of tin	P	No
Lead propionate	42558-73-6	Metals, non-essential		0.1%	P	No
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (PFHxS)	425670-70-8	Solvents, halogenated		0.1%	R	Yes
Sulfuric acid, barium lead salt	42579-89-5	Metals, non-essential		0.1%	P	No
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	4259-15-8	Unclassified		0.1%	D	No
1,1,1-Trichloropentafluoropropane (CFC)	4259-43-2	Solvents, halogenated	aerosol	0.1%	P	No
Nickel, bis[2,3-bis(hydroxyimino)-N-(2-methoxyphenyl)butanamidato]-	42739-61-7	Metals		0,5 µg/cm ² /week	R	No
Nickel, [1,3-dihydro-5,6-bis[[[2-hydroxy-1-naphthalenyl)methylene]amino]-2H-benzimidazol-2-onato(2-)-N5,N6,O5,O6]-, (SP-4-2)-	42844-93-9	Pigments		0,5 µg/cm ² /week	R	No
Benzoic acid, methyl-, cobalt salt	42978-77-8	Metals		0.1%	D	No
2-n-butyl-benzo[d]isothiazol-3-one	4299-07-4	Biocides, non-agricultural		0.0001%	R	No
Calcium bis[4-[[[3-[[2-hydroxy-3-[[[4-methoxyphenyl]amino]carbonyl]-1-naphthyl]azo]-4-methylbenzoyl]amino]benzenesulphonate]	43035-18-3	Amines		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,1-Dichloro-2-fluoroethane (HCFC)	430-53-5	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1-fluoroethane (HCFC)	430-57-9	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1-fluoroethylene (HCFC)	430-58-0	Solvents, halogenated		0.1%	P	No
1,1,2-Trifluoroethane (HFC)	430-66-0	Non-chlorinated halogen	blowing agent	0.1%	P	No
1,1-Dibromo-2,2-difluoroethylene	430-85-3	Solvents, halogenated		0.1%	P	No
Bromodifluoropropane (HBFC)	430-87-5	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1,2-difluoroethane (HCFC)	431-06-1	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,2,2-trifluoroethane (HCFC)	431-07-2	Solvents, halogenated	aerosol	0.1%	P	No
2,3-Dibromo-1,1,1-trifluoropropane (HBFC)	431-21-0	Solvents, halogenated		0.1%	P	No
Triadimefon	43121-43-3	Biocides	fungicide	0.0001%	R	No
1,1,1,2,3,3-Hexafluoropropane (HFC)	431-63-0	Non-chlorinated halogen	refrigerant	0.1%	P	No
Dibromopentafluoropropane	431-78-7	Solvents, halogenated	aerosol	0.1%	P	No
1,1,1,2-Tetrachloro-3,3,3-trifluoropropane (HCFC)	431-81-2	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC)	431-86-7	Solvents, halogenated	aerosol	0.1%	P	No
2-Chloro-1,1,1,3,3,3-hexafluoropropane (HCFC)	431-87-8	Solvents, halogenated		0.1%	P	No
1,1,1,2,3,3,3-Heptafluoropropane (HFC)	431-89-0	Non-chlorinated halogen	aerosol	0.1%	P	No
C.I. Direct Green 6, C.I.30295	4335-09-5	Pigments		0.003%	P	No
Tri-n-butyl tin salicylate	4342-30-7	Biocides		0.0001%	P	No
Tributyltin benzoate	4342-36-3	Biocides		0.0001%	P	No
Methylum, triphenyl-, hexafluoroarsenate(1-)	437-15-0	Metals, non-essential		0.01%	R	No
4,10-Dibromodibenzo[def,mno]chrysene-6,12-dione	4378-61-4	Pigments		0.1%	D	No
Meralein sodium	4386-35-0	Metals, non-essential		0.1%	P	No
Cadmium cinnamate	4390-97-0	Metals, non-essential		0.01%	P	No
Hexanoic acid, 2-ethyl-, nickel(2+) salt	4454-16-4	Metals		0,5 µg/cm ² /week	R	No
2,2',3,3',4,5',6-Heptabromodiphenyl ether (PBDE)	446255-22-7	Flame retardant		0.1%	P	No
Cadmium(+2) cation diformate	4464-23-7	Metals, non-essential		0.01%	P	No
Cadmium sebacate	4476-04-4	Metals, non-essential		0.01%	P	No
C.I. Solvent Red 26, C.I.26120	4477-79-6	Pigments		0.003%	P	No
Diphenyldiarsenic acid	4519-32-8	Metals, non-essential		0.01%	R	No
Perfluorooctane sulfonate (PFOS)	45298-90-6	Solvents, halogenated		0.1%	P	No
1,2-Dibromo-3-fluoropropane	453-00-9	Solvents, halogenated	aerosol	0.1%	P	No
N-(4-(1,1,3,3-Tetramethylbutyl))phenyl-1-naphthylamine	4572-51-4	Amines		0.1%	R	No
Neoarsphenamine	457-60-3	Metals, non-essential		0.01%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1-Chloro-2-fluoroethylene (HCFC)	460-16-2	Solvents, halogenated		0.1%	P	No
1,3-Dibromo-1,1-difluoropropane (HBFC)	460-25-3	Solvents, halogenated	aerosol	0.1%	P	No
3-Bromo-1,1,1-trifluoropropane (HBFC)	460-32-2	Solvents, halogenated		0.1%	P	No
3-Chloro-1,1,1-trifluoropropane (HCFC)	460-35-5	Solvents, halogenated	aerosol	0.1%	P	No
3-bromo-1,1,1,3-tetrafluoropropane	460-67-3	Solvents, halogenated	aerosol	0.1%	P	No
3,3-Dichloro-1,1,1-trifluoropropane (HCFC)	460-69-5	Solvents, halogenated		0.1%	P	No
1,1,1,3,3-Pentafluoropropane (HFC)	460-73-1	Non-chlorinated halogen	refrigerant	0.1%	P	No
Dibromotetrafluoropropane (HBFC)	460-86-6	Solvents, halogenated	aerosol	0.1%	P	No
1-bromo-1,1,3,3,3-pentafluoro-propane	460-88-8	Solvents, halogenated	aerosol	0.1%	P	No
Tetrachlorodifluoropropane (HCFC)	460-89-9	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1,3,3,3-pentafluoropropane (HCFC)	460-92-4	Solvents, halogenated		0.1%	P	No
Bromodifluoropropane (HBFC)	461-49-4	Solvents, halogenated	aerosol	0.1%	P	No
C.I. Direct Brown 51, C.I.31710	4623-91-0	Pigments		0.003%	P	No
Pentyl nitrite	463-04-7	Unclassified		0.1%	D	No
Trimethyltin thiocyanate	4638-25-9	Biocides		0.1%	P	No
C.I. Solvent Yellow 72	4645-07-2	Pigments		0.003%	P	No
Phenolphthalein	467-29-8	Unclassified		0.1%	R	Yes
Paraquat	4685-14-7	Biocides	herbicide	0.1%	D	No
Dodecanoic acid, barium salt	4696-57-5	Metals, non-essential		0.1%	D	No
1,1-Dichloro-2,2-difluoroethane (HCFC)	471-43-2	Solvents, halogenated	aerosol	0.1%	P	No
Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine	4719-04-4	Biocides	bactericide	0.1%	P	No
Dibutyltin dioctanoate	4731-77-5	Metals, non-essential		0.1% by weight of tin	P	No
rel-(1R, 2S, 5R, 6S, 9R, 10S)- 1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	4736-49-6	Flame retardant		0.01%	P	No
Triphenylstannyl decanoate	47672-31-1	Biocides		0.1%	P	No
[[2,2'-(4,8-Dichlorobenzo[1,2-d:4,5-d']bisoxazole-2,6-diyl)bis[4,6-dichlorophenolato]](2-)]nickel	47726-62-5	Metals		0,5 µg/cm ² /week	R	No
Bis(tributyltin)phthalate	4782-29-0	Biocides		0.0001%	P	No
Hexahydro-1-methylphthalic anhydride	48122-14-1	Intermediate	softener	0.1%	R	Yes
Mersalyl acid	486-67-9	Metals, non-essential		0.1%	P	No
Mersalyl	492-18-2	Metals, non-essential		0.1%	P	No
4,4'-Carbonimidoylbis[N,N-dimethylaniline]	492-80-8	Amines	dye	0.1%	D	No
2,3-Dibromobiphenyl (PBB)	49602-90-6	Flame retardant		0.001%	P	No
2,4-Dibromobiphenyl (PBB)	49602-91-7	Flame retardant		0.001%	P	No
Cobalt, dibromobis[tris(3-methylphenyl)phosphine]-, (T-4)-	49651-10-7	Metals		0.1%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Zinc chromate(VI) hydroxide	49663-84-5	Pigments		0.01%	P	Annex XIV
Hexanoic acid, 3,5,5-trimethyl-, cobalt(2+) salt	49676-83-7	Metals		0.1%	D	No
Tribromodiphenyl ether (PBDE)	49690-94-0	Flame retardant	electronics	0.1%	P	No
Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O']cadmate(1-)	49784-42-1	Metals, non-essential		0.01%	P	No
N,N-Dicyclohexyl-2-benzothiazolesulfenamide	4979-32-2	Rubber chemical	vulcanisation accelerator	0.1%	D	No
Mercurbutol	498-73-7	Metals, non-essential		0.1%	P	No
Octanoic acid, nickel(2+) salt	4995-91-9	Metals		0,5 µg/cm ² /week	R	No
Formaldehyde	50-00-0	Intermediate	accelerator	0.003%	R	No
Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl group]-terminated, polymers with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-1-decanol- and 2-hydroxyethyl acrylate-blocked 2,4-TDI-trimethylolpropane polymer (PFOA)	501098-09-5	Solvents, halogenated		0.0000025%	R	No
Phosphoric acid, compounds, nickel(2+) zinc salt (2:1:2) tetrahydrate	501953-51-1	Metals		0,5 µg/cm ² /week	R	No
Methyl mercury dicyandiamide	502-39-6	Metals, non-essential		0.1%	P	No
Dichlorodiphenyltrichloroethane (DDT)	50-29-3	Biocides	antimould	0.1%	P	No
Phenol, 2-methyldinitro-, lead salt	50319-14-7	Metals, non-essential		0.1%	P	No
Benzo(a)pyrene (PAH)	50-32-8	Impurities	bitumen	0.0001%	R	Yes
Tributyltin 2-ethylhexanoate	5035-67-6	Biocides		0.0001%	P	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, hydrogen	50525-57-0	Metals		0.1%	D	No
Nitrioltriacetic acid, trisodium salt	5064-31-3	Surface-active agents	cleaner	0.01%	D	No
Bis[N,N-bis(carboxymethyl)glycinato(3-)]tricadmium	50648-02-7	Metals, non-essential		0.01%	P	No
Beryllium carbide (Be ₂ C)	506-66-1	Metals, non-essential		0.1%	R	No
Dimethylcadmium	506-82-1	Metals, non-essential		0.01%	P	No
Bromomethylmercury	506-83-2	Metals, non-essential		0.1%	P	No
Tri-µ.-carbonyltetracarbonyl(pentacarbonyldicobalt)dirhodium	50696-78-1	Metals		0.1%	D	No
1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC)	507-55-1	Solvents, halogenated	aerosol	0.1%	P	No
1-Iodoheptafluorooctane (Fluorotelomer)	507-63-1	Unclassified		0.1%	R	No
Lead naphthalate	50825-29-1	Metals, non-essential		0.1%	P	No
Indium tin oxide (ITO)	50926-11-9	Unclassified		0.01%	D	No
Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-2-propenyl)-.omega.-(nonylphenoxy)-	50974-47-5	Surface-active agents		0.01%	R	No
C.I. Pigment Yellow 13	5102-83-0	Pigments		0.1%	D	No
C.I. Acid Blue	51053-44-2	Pigments		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,4-Benzenedicarboxylic acid, monomethyl ester, cobalt(2+) salt	51084-32-3	Metals		0.1%	D	No
2-Amino-4-nitrotoluene hydrochloride	51085-52-0	Amines	antioxidant	0.1%	D	No
3-(Triphenylplumbyl)-1H-pyrazole	51105-45-4	Metals, non-essential		0.1%	P	No
Cadmium nonan-1-oate	5112-16-3	Metals, non-essential		0.01%	P	No
2,3,7,8-Tetrachloro dibenzofurans	51207-31-9	Impurities		0.000001%	P	No
Nickel acrylate	51222-18-5	Metals		0,5 µg/cm ² /week	R	No
Boric acid, cadmium salt	51222-60-7	Metals, non-essential		0.01%	P	No
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead(2+) salt (2:3)	512-26-5	Metals, non-essential		0.1%	P	No
DOWICIL* 150 PRESERVATIVE; DOWICIL* 200 PRESERVATIVE	51229-78-8	Biocides, non-agricultural		0.1%	P	No
Ethane, 2-bromo-2-chloro-1,1,1-trifluoro-, (R)-	51230-17-2	Solvents, halogenated		0.1%	P	No
Ethane, 2-bromo-2-chloro-1,1,1-trifluoro-, (S)-	51230-18-3	Solvents, halogenated		0.1%	P	No
Trimethyl phosphate	512-56-1	Flame retardant	additive	0.1%	D	No
Dibutyltin bis(lauryl 9ercaptopropionate)	51287-83-3	Metals, non-essential		0.1% by weight of tin	P	No
Lead nitroresorcinate	51317-24-9	Metals, non-essential		0.1%	P	No
Trinitrophenylglucosyl, lead salt	51325-28-1	Metals, non-essential		0.1%	P	No
Barium carbonate	513-77-9	Metals, non-essential		0.1%	D	No
Cadmium carbonate	513-78-0	Metals, non-essential	battery	0.01%	P	Yes
Cobalt(II) carbonate	513-79-1	Metals	catalyst	0.1%	R	Yes
Acetic acid, lead salt, basic	51404-69-4	Metals, non-essential		0.1%	P	Yes
Nickel, bis[1-[4-(diethylamino)phenyl]-2-phenyl-1,2-ethanedithiolato(2-)-S,S']-	51449-18-4	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+), hexaammine-, dihydroxide, (OC-6-11)-	51467-07-3	Metals		0,5 µg/cm ² /week	R	No
Sodium dichloroisocyanurate dihydrate	51580-86-0	Biocides	algaecide	0.1%	P	No
1,3-Dibromo-1-fluoropropane	51584-26-0	Solvents, halogenated	aerosol	0.1%	P	No
N-(Ethylmercuric)-p-toluenesulphonannilide	517-16-8	Metals, non-essential		0.1%	P	No
Urethan	51-79-6	Unclassified		0.1%	D	No
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, phosphate	51811-79-1	Surface-active agents		0.01%	R	No
Neodecanoic acid, nickel salt	51818-56-5	Metals		0,5 µg/cm ² /week	R	No
Lead chromate sulfate (Pb9(CrO4)5(SO4)4)	51899-02-6	Metals, non-essential		0.1%	P	No
Copper, compound with lanthanum and nickel (4:1:1)	51912-52-8	Metals		0,5 µg/cm ² /week	R	No
Nickel, bis[3-[(4-chlorophenyl)azo]-2,4(1H,3H)-quinolinedionato]-	51931-46-5	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Poly(oxy-1,2-ethanediyl), .alpha.-(2-nonylphenyl)-.omega.-hydroxy-	51938-25-1	Surface-active agents		0.01%	R	No
Nickel [R(R*,R*)]-tartrate	52022-10-3	Metals		0,5 µg/cm ² /week	R	No
Octadecanoic acid, lead(2+) salt, tribasic	52080-60-1	Metals, non-essential		0.1%	P	No
Sulfurous acid, lead salt, basic	52231-92-2	Metals, non-essential		0.1%	P	No
Cobaltate(1-), bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)], hydrogen	52256-38-9	Metals		0.1%	D	No
Neodecanoic acid, cobalt(2+) salt	52270-44-7	Metals		0.1%	D	No
Cobaltate(1-), bis[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)], hydrogen	52277-69-7	Metals		0.1%	D	No
Hydrogen [2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphtholato(2-)]cobaltate(1-)	52277-72-2	Metals		0.1%	D	No
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)], hydrogen	52277-73-3	Metals		0.1%	D	No
Zeta-cypermethrin	52315-07-8	Biocides, non-agricultural		0.1%	P	No
Cadmium o-toluate	52337-78-7	Metals, non-essential		0.01%	P	No
4-(1-Ethyl-1-methylhexyl)phenol	52427-13-1	Surface-active agents	surfactant	0.1%	R	Yes
Bis[(2-hydroxyethyl)dithiocarbamato-S,S']nickel	52486-98-3	Metals		0,5 µg/cm ² /week	R	No
Bis[bis(2-hydroxyethyl)dithiocarbamato-S,S']nickel	52486-99-4	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+) methacrylate	52496-91-0	Metals		0,5 µg/cm ² /week	R	No
Nickel vanadium oxide (NiV2O6)	52502-12-2	Metals		0,5 µg/cm ² /week	R	No
2-Bromo-2-nitropropane-1,3-diol	52-51-7	Biocides, non-agricultural	preservative	0.1%	P	No
Mercuderamide	525-30-4	Metals, non-essential		0.1%	P	No
Lead methacrylate	52609-46-8	Metals, non-essential		0.1%	P	No
Bis(diethylthiocarbamato-S,S')nickel	52610-81-8	Metals		0,5 µg/cm ² /week	R	No
Benzoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, nickel(2+) salt (2:1)	52625-25-9	Metals		0,5 µg/cm ² /week	R	No
Permethrin	52645-53-1	Biocides		0.1%	P	No
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB)	52663-72-6	Flame retardant		0.0002%	P	No
Acetamide, N-[2-[(2-bromo-4,6-dinitrophenyl)azo]-5-(diethylamino)phenyl]-	52697-38-8	Pigments	dye	0.1%	R	No
Cobaltate(1-), [29H,31H-phthalocyanine-C-sulfonato(3-)-N29,N30,N31,N32]-, sodium	52729-67-6	Metals		0.1%	D	No
Sulfuric acid, lead salt, tetrabasic	52732-72-6	Metals, non-essential		0.1%	P	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Calcium arsenite	52740-16-6	Metals, non-essential		0.01%	R	No
(2-Carboxy-m-tolyl)hydroxymercury, monosodium salt	52795-88-7	Metals, non-essential		0.1%	P	No
Lead bis(isononanoate)	52847-85-5	Metals, non-essential		0.1%	P	No
4,4'-Methylenebis[N-sec-butylaniline]	5285-60-9	Unclassified		0.1%	D	No
Deltamethrin; (S)-a-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate	52918-63-5	Biocides, non-agricultural		0.1%	P	No
Mercury(2+), bis(2,4,6-tri-2-pyridinyl-1,3,5-triazine-N1,N2,N6)-, (OC-6-1'2)-	53010-52-9	Metals, non-essential		0.1%	P	No
2-Nitro-1,4-phenylenediamine	5307-14-2	Amines		0.1%	D	No
Cobaltate(1-), [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O']-, hydrogen, (T-4)-	53108-50-2	Metals		0.1%	D	No
1,1'-Biphenyl-4,4'-diyl diammonium sulphate	531-86-2	Rubber chemical		0.01%	P	No
1-Chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethyl]-benzene (DDD)	53-19-0	Biocides	insecticide	0.1%	R	No
Nickel(1+), [1-(2-amino-4-imino-5(4H)-thiazolylidene)-N-[1-(2-amino-4-imino-5(4H)-thiazolylidene)-1H-isoindol-3-yl]-1H-isoindol-3-aminato]-, chloride	53199-85-2	Metals		0,5 µg/cm ² /week	R	No
Dibutyltin bis(2-ethylhexyl-3-mercaptopropionate)	53202-61-2	Metals, non-essential		0.1% by weight of tin	P	No
Sodium benzoate	532-32-1	Biocides, non-agricultural	preservative	0.1%	D	No
Mercury, bromo[1-(methoxyphenylmethyl)-2-oxo-2-[(1,7,7-trimethylbicyclo[2.2.1]hept-2-yl)oxy]ethyl]-	5326-00-1	Metals, non-essential		0.1%	P	No
Bis-(2-propylheptyl) phthalate	53306-54-0	Plasticisers		0.01%	D	No
Dazomet; Tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione	533-74-4	Biocides, non-agricultural		0.1%	P	No
Arsenic acid, lead (4+) salt	53404-12-9	Metals, non-essential		0.1%	P	No
Tributyltin isopropylsuccinate	53404-82-3	Biocides		0.0001%	P	No
Triphenyl(p,p,p-triphenylphosphine imidato-N)phosphorus(1+) tetracarbonylcobaltate(1-)	53433-12-8	Metals		0.1%	D	No
Tributyltin monopropylene glycol maleate	53466-85-6	Biocides		0.0001%	P	No
Chlorodiphenyl (42% chlorine) (PCB)	53469-21-9	Flame retardant	additive in oil	0.0002%	P	No
2,4-Dibromobiphenyl (PBB)	53592-10-2	Flame retardant		0.001%	P	No
Propane, 3-bromo-1,1,1,2,3-pentafluoro-, (R*,S*)- (9CI)	53692-43-6	Solvents, halogenated	aerosol	0.1%	P	No
Propane, 3-bromo-1,1,1,2,3-pentafluoro-, (R*,R*)- (9CI)	53692-44-7	Solvents, halogenated	aerosol	0.1%	P	No
Dibenz(a,h)anthracene (PAH)	53-70-3	Impurities	bitumen	0.0001%	R	No
Nonachloro-1,1'-biphenyl (PCB)	53742-07-7	Flame retardant		0.0002%	P	No
Mercury, bis(4-methylphenyl)-	537-64-4	Metals, non-essential		0.1%	P	No
Oxophenarsine hydrochloride	538-03-4	Metals, non-essential		0.01%	R	No
Phosphonic acid, lead salt, basic	53807-64-0	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Mercury, chloro(4-methylphenyl)-	539-43-5	Metals, non-essential		0.1%	P	No
Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione	5395-50-6	Biocides, non-agricultural		0.1%	P	No
1,3-Dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione	53988-10-6			0.1%	D	No
Diocylbis(pentane-2,4-dionato-O,O')tin	54068-28-9	Metals, non-essential		0.1% by weight of tin	P	No
C.I. Disperse Yellow 56	54077-16-6	Pigments		0.003%	P	No
tert-Butyl nitrite	540-80-7	Unclassified		0.1%	D	No
Dodecamethylcyclohexasiloxane	540-97-6			0.1%	R	Yes
Decamethylcyclopentasiloxane	541-02-6	Unclassified		0.1%	R	Yes
C.I. Solvent Red 69	5413-75-2	Pigments		0.003%	P	No
1,3-Benzenediamine, dihydrochloride	541-69-5	Intermediate		0.1%	D	No
Aniline sulfate	542-16-5	Amines		0.1%	D	No
C.I. Basic Brown 4, C.I.21010	5421-66-9	Pigments		0.003%	P	No
C.I. Direct Green 8, C.I.30315	5422-17-3	Pigments		0.003%	P	No
Isobutyl nitrite	542-56-3	Unclassified		0.1%	D	No
Barium cyanide	542-62-1	Metals, non-essential		0.1%	D	No
Diethylberyllium	542-63-2	Metals, non-essential		0.1%	R	No
Cadmium cyanide (Cd(CN)2)	542-83-6	Metals, non-essential		0.01%	P	No
Cobalt cyanide (Co(CN)2)	542-84-7	Metals		0.1%	D	No
Bis(chloromethyl) ether (BCME)	542-88-1	Biocides, non-agricultural	antifreeze	0.1%	P	No
Tetrakis(acetato-O)[.mu.4-(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]-2',4',5',7'-tetrayl)]tetramercury	54295-90-8	Metals, non-essential		0.1%	P	No
2,2',4,4'-Tetrabromodiphenyl ether (PBDE)	5436-43-1	Flame retardant		0.1%	P	No
Beryllium di(acetate)	543-81-7	Metals, non-essential		0.1%	R	No
Cadmium acetate	543-90-8	Metals, non-essential		0.01%	P	No
Butyl nitrite	544-16-1	Unclassified		0.1%	D	No
Cobalt diformate	544-18-3	Metals		0.1%	D	No
Adipic acid, cobalt salt	54437-56-8	Metals		0.1%	D	No
Tris(1-aziridinyl)phosphine oxide	545-55-1	Flame retardant	plastic	0.1%	P	No
C.I. Direct Orange 1, C.I.22370	54579-28-1	Pigments		0.003%	P	No
Dibutylbis(ethyl 3-oxobutyrato-O1',O3)tin	54581-65-6	Metals, non-essential		0.1% by weight of tin	P	No
Phenolphthalein	546094-13-7	Unclassified		0.1%	R	Yes
Nonylphenylpolyoxyethylene sulfosuccinate	54612-36-1	Surface-active agents		0.01%	R	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Sodium o-(ethylmercurithio)benzoate	54-64-8	Metals, non-essential		0.1%	P	No
2-Ethylhexyl 4-methoxycinnamate	5466-77-3	Unclassified		0.1%	R	No
Lead (IV) acetate	546-67-8	Metals, non-essential		0.1%	P	No
Acetic acid, bromo-, cobalt(2+) salt	54846-43-4	Metals		0.1%	D	No
Acetic acid, 2,2',2"-[(methylstannylidyne)tris(thio)]tris-, triisooctyl ester	54849-38-6	Biocides		0.1%	R	No
[4-[4,4'-Bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	548-62-9	Pigments	adhesive	0.1%	R	Yes
Tris[(8a,9R)-6'-methoxycinchonan-9-ol] bis(arsenate)	549-59-7	Metals, non-essential		0.01%	R	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, lithium salt (1:1) (PFHxS)	55120-77-9	Solvents, halogenated		0.1%	R	Yes
Barium neodecanoate	55172-98-0	Metals, non-essential		0.1%	D	No
N-Nitrosodiethylamine	55-18-5	Impurities	rubber	0.1%	R	No
Benzene-1,2,4-tricarboxylic acid 1,2-anhydride	552-30-7			0.1%	R	Yes
2-Naphthylammonium acetate	553-00-4	Amines		0.01%	P	No
Nickel dibenzoate	553-71-9	Metals		0,5 µg/cm ² /week	R	No
Dimethyldioctylammonium chloride	5538-94-3	Biocides, non-agricultural		0.1%	P	No
3-Iodo-2-propynyl butylcarbamate	55406-53-6	Biocides	fungicide	0.01%	D	No
Lithium carbonate	554-13-2	Unclassified		0.1%	D	No
Epichlorohydrin, bisphenol F copolymer	55492-52-9	Unclassified		0.1%	D	No
Cobalt(3+), hexaammine-, (OC-6-11)-, phosphate (1:1)	55494-92-3	Metals		0.1%	D	No
Tetrakis(hydroxymethyl)phosphonium sulfate (THPS)	55566-30-8	Biocides		0.1%	P	No
2,3-Epoxy-1-propanol	556-52-5	Intermediate	hose	0.1%	D	No
Octamethylcyclotetrasiloxane	556-67-2	Unclassified	water purification	0.1%	R	Yes
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] [1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenolato(2-)]-, hydrogen	55668-56-9	Metals		0.1%	D	No
1,2,3,4,7,8,9-Hexachlorodibenzofuran	55673-89-7	Impurities		0.000001%	P	No
Phenylmercuric nitrate	55-68-5	Metals, non-essential		0.1%	P	No
Cadmium bis(4-cyclohexylbutyrate)	55700-14-6	Metals, non-essential		0.01%	P	No
Nickel cyanide	557-19-7	Metals		0,5 µg/cm ² /week	R	No
(2',7'-Dibromo-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-4'-yl)hydroxymercury	55728-51-3	Metals, non-essential		0.1%	P	No
Carbon tetrabromide	558-13-4	Solvents, halogenated		0.1%	P	No
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, nickel(2+) salt (2:1)	55868-93-4	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Sodium bis[methyl 8-[[5-(ethylsulphonyl)-2-hydroxyphenyl]azo]-7-hydroxy-2-naphthyl]methylcarbamato(2-)]cobaltate(1-)	55870-93-4	Metals		0.1%	D	No
Sodium bis[1-[[5-(ethylsulphonyl)-2-hydroxyphenyl]azo]-2-naphtholato(2-)]cobaltate(1-)	55870-94-5	Metals		0.1%	D	No
Dibutyltin bis(cyclohexyl maleate)	5587-52-0	Metals, non-essential		0.1% by weight of tin	P	No
Chloro-1,1-difluoroethane (HCFC)	55949-44-5	Solvents, halogenated		0.1%	P	No
Cobaltate(1-), bis[N-[(2-chlorophenyl)-2-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-3-oxobutanamido(2)-], hydrogen	55963-70-7	Metals		0.1%	D	No
Chloro-2-methyl-3(2H)-isothiazolone with 2-methyl-3(2H)-isothiazolone	55965-84-9	Biocides, non-agricultural	aqueous solution	0.1%	P	No
p-Phenylenediamine hydrochloride	55972-71-9	Intermediate		0.1%	D	No
4,4'-Bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	Pigments	ink	0.1%	R	Yes
Dibasic lead stearate	56189-09-4	Metals, non-essential		0.1%	P	No
Tetrachloromethane	56-23-5	Solvents, halogenated	additive in fuel	0.01%	P	No
Trimethyltin hydroxide	56-24-6	Biocides		0.1%	P	No
4,4'-Methylenebis-morpholine	5625-90-1	Biocides	fungicide	0.1%	P	No
Pentabromobiphenyl	56307-79-0	Flame retardant		0.001%	P	No
Arsenic sulfide (AsS ₂)	56320-22-0	Metals, non-essential		0.01%	R	No
Bis(tri-n-butyltin)oxide (TBTO)	56-35-9	Biocides	leather	0.0001%	P	Yes
Tributyltin acetate	56-36-0	Biocides		0.0001%	P	No
Benzo(a)anthracene (PAH)	56-55-3	Impurities	bitumen	0.0001%	R	Yes
Nickel, bis[2,4-dihydro-5-methyl-4-(1-oxodecyl)-2-phenyl-3H-pyrazol-3-onato-O,O']-	56557-00-7	Metals		0,5 µg/cm ² /week	R	No
Tributyltin	56573-85-4	Biocides		0.0001%	P	No
Mercury, phenyl(phenyldiazene-carbothioic acid 2-phenylhydrazidato)-	56724-82-4	Metals, non-essential		0.1%	P	No
Tetraethylammonium perfluorooctanesulfonate (PFOS)	56773-42-3	Solvents, halogenated		0.1%	P	No
Phosphoric acid,(1,1-dimethylethyl)phenyl diphenyl ester	56803-37-3	Flame retardant		0.1%	D	No
Benzenamine, 4-[[4-aminophenyl](4-imino-2,5-cyclohexadien-1-ylidene)methyl]-, monohydrochloride	569-61-9	Pigments	dye	0.1%	D	No
Methanaminium, N-[4-[[4-(dimethylamino)phenyl]phenylmethylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	569-64-2	Unclassified		0.1%	D	No
Cadmium divalerate	56982-42-4	Metals, non-essential		0.01%	P	No
Poly(hexamethylenediamine guanidinium chloride)	57028-96-3	Biocides, non-agricultural		0.1%	P	No
Hexahydro-3-methylphthalic anhydride	57110-29-9	Intermediate	softener	0.1%	R	Yes
Acetoxytrimethylplumbane	5711-19-3	Metals, non-essential		0.1%	P	No
2,3,4,7,8-Pentachloro dibenzofurans	57117-31-4	Impurities		0.000001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2,3,7,8-Pentachloro dibenzofuran	57117-41-6	Impurities		0.000001%	P	No
1,2,3,6,7,8-Hexachloro dibenzofuran	57117-44-9	Impurities		0.000001%	P	No
Lead, [1,2-benzenedicarboxylato(2-)]oxodi-	57142-78-6	Metals, non-essential		0.1%	P	No
3,4-Dibromobiphenyl (PBB)	57186-90-0	Flame retardant		0.001%	P	No
Phenolphthalein	57214-20-7	Unclassified		0.1%	R	Yes
[Benzoato(2-)-C2,O1]mercury	5722-59-8	Metals, non-essential		0.1%	P	No
C.I. Direct Red 28	573-58-0	Pigments	azo dye	0.003%	P	Yes
Mercury, compound with sodium (4:1)	57363-77-6	Metals, non-essential		0.1%	P	No
Isononanoic acid, cobalt salt	57364-75-7	Metals		0.1%	D	No
2,5-Dibromobiphenyl (PBB)	57422-77-2	Flame retardant		0.001%	P	No
Cadmium di(acetate) dihydrate	5743-04-4	Metals, non-essential		0.01%	P	No
1,2-Propanediol	57-55-6	Biocides	insecticide	0.1%	D	No
2-ethylhexyl 10-ethyl-4,4-dimethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	57583-35-4	Biocides		0.01%	D	No
Phosphoric acid, 1,3-phenylene tetraphenyl ester	57583-54-7	Flame retardant	plastic	0.01%	D	No
Beryllium phosphide (BeP2)	57620-29-8	Metals, non-essential		0.1%	R	No
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	Impurities		0.000001%	P	No
Chlordane (ISO)	57-74-9	Biocides	antimould	0.1%	P	No
Tripropyltin laurate	57808-37-4	Biocides		0.1%	P	No
Naphthalenesulfonicacid, dinonyl-, calcium salt (2:1)	57855-77-3	Unclassified		0.1%	D	No
Sulfonium, triphenyl-, hexafluoroarsenate(1-)	57900-42-2	Metals, non-essential		0.01%	R	No
Beryllium phosphide	58127-61-0	Metals, non-essential		0.1%	R	No
2-Propenoic acid, cobalt(2+) salt	58197-53-8	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, sodium	58302-43-5	Metals		0.1%	D	No
Mercuric benzoate	583-15-3	Metals, non-essential		0.1%	P	No
Cadmium sulfoselenide red	58339-34-7	Pigments		0.01%	P	No
Diphenoxarsin-10-yloxid	58-36-6	Biocides, non-agricultural		0.01%	P	No
Lead bis(12-hydroxystearate)	58405-97-3	Metals, non-essential		0.1%	P	No
2-Hydroxy-5-(1,1,3,3-tetramethylbutyl)phenylmercury acetate	584-18-9	Metals, non-essential		0.1%	P	No
Disuccinimidomercury	584-43-0	Metals, non-essential		0.1%	P	No
Tributyltin chloroacetate	5847-52-9	Biocides		0.0001%	P	No
Dibutyltin dibenzoate	5847-54-1	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin distearate	5847-55-2	Metals, non-essential		0.1% by weight of tin	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Toluene-2,4-diisocyanate	584-84-9	Intermediate, monomers	adhesive	0.01%	D	No
Silicic acid, beryllium salt	58500-38-2	Metals, non-essential		0.1%	R	No
Chloro-2-thienylmercury	5857-39-6	Metals, non-essential		0.1%	P	No
C.I. Acid Red 24, C.I.16140	5858-30-0	Pigments		0.003%	P	No
C.I. Acid Red 4, C.I.14710	5858-39-9	Pigments		0.003%	P	No
C.I. Acid Red 5, C.I.14905	5858-63-9	Pigments		0.003%	P	No
Cobalt nickel oxide (CoNiO ₂)	58591-45-0	Metals		0,5 µg/cm ² /week	R	No
2-Bromo-1,1-dichloroethylene	5870-61-1	Solvents, halogenated		0.1%	P	No
Diphenylmethane-2,4'-diisocyanate	5873-54-1	Intermediate, monomers	joint	0.01%	D	No
Diphenylmercury	587-85-9	Metals, non-essential		0.1%	P	No
gamma-Hexachlorocyclohexane (HCH)	58-89-9	Biocides	antifouling dye	0.1%	P	No
Mercury succinate	589-65-1	Metals, non-essential		0.1%	P	No
Methyl(pentachlorophenolato)mercury (PCP)	5902-76-1	Metals, non-essential		0.0005%	P	No
2,6-Dibromobiphenyl (PBB)	59080-32-9	Flame retardant		0.001%	P	No
2,4,6-Tribromobiphenyl (PBB)	59080-33-0	Flame retardant		0.001%	P	No
2,2,5-Tribromobiphenyl (PBB)	59080-34-1	Flame retardant		0.001%	P	No
2,3,5-Tribromobiphenyl (PBB)	59080-35-2	Flame retardant		0.001%	P	No
2,4,5-Tribromobiphenyl (PBB)	59080-36-3	Flame retardant		0.001%	P	No
2,2,5,5-Tetrabromobiphenyl (PBB)	59080-37-4	Flame retardant		0.001%	P	No
2,3,4,5-Tetrabromobiphenyl (PBB)	59080-38-5	Flame retardant		0.001%	P	No
2,2,4,5,6-Pentabromobiphenyl (PBB)	59080-39-6	Flame retardant		0.001%	P	No
2,2,4,4,5,5-Hexabromobiphenyl (PBB)	59080-40-9	Flame retardant		0.001%	P	No
Barium oleate	591-65-1	Metals, non-essential		0.1%	D	No
Mercuric potassium cyanide	591-89-9	Metals, non-essential		0.1%	P	No
Mercuric cyanide	592-04-1	Metals, non-essential		0.1%	P	No
Lead cyanide	592-05-2	Metals, non-essential		0.1%	P	No
Mercury acetate	592-63-2	Metals, non-essential		0.1%	P	No
Mercuric thiocyanate	592-85-8	Metals, non-essential		0.1%	P	No
Lead thiocyanate	592-87-0	Metals, non-essential		0.1%	P	No
Cobalt-acetate	5931-89-5	Metals		0.1%	D	No
Chlorofluoromethane (HCFC)	593-70-4	Solvents, halogenated	aerosol	0.1%	P	No
Dimethylmercury	593-74-8	Metals, non-essential		0.1%	P	No
Dimethylselenide	593-79-3	Non-metal		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Tribromochloromethane	594-15-0	Solvents, halogenated		0.1%	P	No
Dibromodichloromethane	594-18-3	Solvents, halogenated		0.1%	P	No
Cobaltate(1-), [N-[8-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-7-hydroxy-1-naphthalenyl]acetamidato(2-)]][3-[4,5-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonamidato(2-)]-, sodium	59487-93-3	Metals		0.1%	D	No
4-Chloro-3-methylphenol	59-50-7	Biocides, non-agricultural	glue	0.0001%	R	No
Hexabromobiphenyl (PBB)	59536-65-1	Flame retardant	electronics	0.001%	P	No
Mercury, (acetato-O)[3-(chloromethoxy)propyl-C,O]-	5954-14-3	Metals, non-essential		0.1%	P	No
Chloro-m-tolylmercury	5955-19-1	Metals, non-essential		0.1%	P	No
Cobalt(3+), hexaammine-, (OC-6-11)-, salt with trifluoroacetic acid(1:3)	59561-55-6	Metals		0.1%	D	No
Tetraphenyllead	595-89-1	Metals, non-essential		0.1%	P	No
3,4,4,5-Tetrabromobiphenyl (PBB)	59589-92-3	Flame retardant		0.001%	P	No
Sodium timerfonate	5964-24-9	Metals, non-essential		0.1%	P	No
Terroxirone	59653-74-6	Unclassified		0.1%	R	Yes
Mercury salicylate	5970-32-1	Metals, non-essential		0.1%	P	No
O,O,O-Triphenyl phosphorothioate	597-82-0	Unclassified		0.01%	D	No
Tribromoethane	598-16-3	Solvents, halogenated		0.1%	P	No
Mercurate(1-), (4-carboxylatophenyl)chloro-, hydrogen	59-85-8	Metals, non-essential		0.1%	P	No
Lead carbonate	598-63-0	Metals, non-essential	colouring agent	0.1%	P	No
Tribromodifluoroethane (HBFC)	598-67-4	Solvents, halogenated	aerosol	0.1%	P	No
Bromotrifluoroethylene	598-73-2	Solvents, halogenated		0.1%	P	No
N-Nitrosomorpholine	59-89-2	Impurities	rubber	0.1%	R	No
Dibutylbis[(1-oxoisooctadecyl)oxy]stannane	59963-28-9	Metals, non-essential		0.1% by weight of tin	P	No
2,2,4,5-Tetrabromobiphenyl (PBB)	60044-24-8	Flame retardant		0.001%	P	No
2,2,5,6-Tetrabromobiphenyl (PBB)	60044-25-9	Flame retardant		0.001%	P	No
4-Aminoazobenzene	60-09-3	Amines	azo dye	0.1%	R	Yes
3,4-Dibromobiphenyl (PBB)	60108-72-7	Flame retardant		0.001%	P	No
Cobalt, bis[.alpha.-(1-oxo-1H-isoindol-3-yl)-1H-benzimidazole-2-acetonitrilato]-, (T-4)-	60109-88-8	Metals		0.1%	D	No
Undecane, 1,1,1,3,6,7,10,11-octachloro-	601523-20-0	Flame retardant		0.1%	P	No
Undecane, 1,1,1,3,9,11,11,11-octachloro-	601523-25-5	Flame retardant		0.1%	P	No
N-Nitrosodiisopropylamine	601-77-4	Impurities	rubber	0.1%	R	No
Nickel acetate tetrahydrate	6018-89-9	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2,3-Propanetricarboxylic acid, 2-hydroxy-,nickel(2+) salt (2:3)	6018-92-4	Metals		0,5 µg/cm ² /week	R	No
Propiconazole; (-)-1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole	60207-90-1	Biocides, non-agricultural		0.01%	D	No
Naphthalenedisulfonic acid, dinonyl-	60223-95-2	Unclassified		0.1%	D	No
Diethyl-ether	60-29-7			0.01%	D	No
Aluminium-potassium-fluoride	60304-36-1			0.01%	D	No
2,2',4,4',5-Pentabromodiphenyl ether (PBDE)	60348-60-9	Flame retardant		0.1%	P	No
Acetamide	60-35-5	Solvents	additive	0.1%	D	No
Diisopentyl phthalate (DIPP)	605-50-5	Plasticisers		0.01%	P	Annex XIV
Dieldrin (ISO)	60-57-1	Biocides	antimould	0.1%	P	No
Lead 5-nitroterephthalate	60580-60-1	Metals, non-essential		0.1%	P	No
Arsenic trichloride	60646-36-8	Metals, non-essential		0.01%	R	No
Nickel(2+) acrylate	60700-37-0	Metals		0,5 µg/cm ² /week	R	No
Lead (II) acetate, trihydrate	6080-56-4	Metals, non-essential		0.1%	P	No
2,3,4,6,7,8-Hexachloro dibenzofurans	60851-34-5	Impurities		0.000001%	P	No
Hexachlorocyclohexane (HCH)	608-73-1	Biocides	antifouling dye	0.1%	P	No
Pentachlorobenzene	608-93-5	Flame retardant		0.1%	P	No
Zirconium arsenide (ZrAs)	60909-47-9	Metals, non-essential		0.01%	R	No
2,6-Dichloro-1,4-phenylenediamine	609-20-1	Amines		0.1%	D	No
Cobaltate(2-), [29H,31H-phthalocyanine-C,C-disulfonato(4-)-N29,N30,N31,N32]-, disodium	61045-13-4	Metals		0.1%	D	No
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, lead(2+) salt (2:3), trihydrate	6107-83-1	Metals, non-essential		0.1%	P	No
Salicylate, lead (II)	6107-93-3	Metals, non-essential		0.1%	P	No
Trimanganese arsenide	61219-26-9	Metals, non-essential		0.01%	R	No
2-Naphthylammonium chloride	612-52-2	Amines		0.01%	P	No
N-Nitrosoethylphenylamine	612-64-6	Impurities	rubber	0.1%	R	No
3,3'-Dimethylbenzidine dihydrochloride	612-82-8	Unclassified		0.01%	P	No
3,3'-Dichlorobenzidine dihydrochloride	612-83-9	Rubber chemical		0.01%	P	No
Octabromobiphenyl (PBB)	61288-13-9	Flame retardant		0.001%	P	No
Nickelate(1-), [3,4-bis[[[2-hydroxy-1-naphthalenyl)methylene]amino]benzoato(3-)-N3,N4,O3,O4]-, hydrogen	61300-98-9	Metals		0,5 µg/cm ² /week	R	No
Sodium cacodylate trihydrate	6131-99-3	Metals, non-essential		0.01%	R	No
N-Methyl-N-nitrosoaniline	614-00-6	Impurities	rubber	0.1%	R	No
Cobalt, compound with lanthanum (3:1)	61419-68-9	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Acetic acid, cobalt(2+) salt, tetrahydrate	6147-53-1	Metals		0.1%	D	No
2,4-Diaminoanisole	615-05-4	Amines	antioxidant	0.1%	R	No
1,2-Benzenediamine, dihydrochloride	615-28-1	Intermediate		0.1%	D	No
1,3-Dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione, zinc salt	61617-00-3			0.1%	D	No
Trichlorotrifluoropropane (HCFC)	61623-04-9	Solvents, halogenated		0.1%	P	No
Di-o-tolylmercury	616-99-9	Metals, non-essential		0.1%	P	No
Terphenyl, hydrogenated	61788-32-7	Unclassified		0.1%	R	Yes
Chlorinated terphenyl (PCT)	61788-33-8	Flame retardant	insulating fluid	0.001%	P	No
Phenol, styrenated	61788-44-1	Unclassified		0.01%	D	No
Amines, coco alkyl	61788-46-3	Unclassified		0.1%	D	No
Naphthenic acids, lead manganese salts	61788-52-1	Metals, non-essential		0.1%	P	No
Fatty acids, tall-oil, lead manganese salts	61788-53-2	Metals, non-essential		0.1%	P	No
Fatty acids, tall-oil, lead salts	61788-54-3	Metals, non-essential		0.1%	P	No
Naphthenic acids, nickel salts	61788-71-4	Metals		0,5 µg/cm ² /week	R	No
Alkanes, chloro; chloroparaffins	61788-76-9	Flame retardant		0.1%	P	Yes
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2	Biocides, non-agricultural		0.0001%	R	No
Creosote oil	61789-28-4	Complex mixtures	bitumen	0.1%	D	No
Naphthenic acids, cadmium salts	61789-34-2	Metals, non-essential		0.01%	P	No
Naphthenic acid, cobalt lead manganese salt	61789-50-2	Metals, non-essential		0.1%	P	No
Cobalt naphthenate	61789-51-3	Metals		0.1%	D	No
Cobalt tallate	61789-52-4	Metals		0.1%	D	No
Naphthenic acids, barium salts	61789-67-1	Metals, non-essential		0.1%	D	No
Quaternary ammonium compounds, benzylcoco alkyl dimethyl, chlorides	61789-71-7	Biocides, non-agricultural	bactericide	0.1%	P	No
Quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides	61789-77-3	Biocides, non-agricultural		0.1%	P	No
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl) dimethyl, chlorides (DHTDMAC)	61789-80-8	Biocides	adhesive	0.1%	P	No
Sulfonic acids, petroleum, calcium salts	61789-86-4	Unclassified		0.1%	D	No
Sulfonic acids, petroleum, magnesium salts	61789-87-5	Unclassified		0.1%	D	No
Naphthenic acid, lead salt	61790-14-5	Metals, non-essential	additive	0.1%	P	No
Sulfonic acids, petroleum, barium salts	61790-48-5	Metals, non-essential		0.1%	D	No
Resin acids and Rosin acids, sodium salts	61790-51-0	Complex mixtures		0.01%	D	No
[(2-Hydroxyethyl)amino]phenylmercury acetate	61792-06-1	Metals, non-essential		0.1%	P	No
C.I. Solvent Red 68	61813-90-9	Pigments		0.003%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Amitrol (ISO)	61-82-5	Biocides	fungicide	0.1%	D	No
Naphthalenesulfonic acid, dinonyl-, lead(2+) salt	61867-68-3	Metals, non-essential		0.1%	P	No
Sulfarsphenamine	618-82-6	Metals, non-essential		0.01%	R	No
C.I. Acid Red 167	61901-41-5	Pigments		0.003%	P	No
C.I. Acid Red 182	61901-42-6	Pigments		0.1%	D	No
Diisobutyltin oxide	61947-30-6	Metals, non-essential		0.1% by weight of tin	P	No
Cadmium neodecanoate	61951-96-0	Metals, non-essential		0.01%	P	No
C.I. Disperse Red 151, C.I.26130	61968-47-6	Pigments		0.003%	P	No
Morpholin, Nitrite (9CI)	62076-93-1	Unclassified		0.1%	D	No
4,4'-Methylenediphenol	620-92-8	Unclassified		0.01%	D	No
1,2-Dibromo-1-fluoro-(R*,S*)-propane	62135-10-8	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dibromo-1-fluoro-(R*,R*)-propane	62135-11-9	Solvents, halogenated	aerosol	0.1%	P	No
Cadmium bis(heptadecanoate)	62149-56-8	Metals, non-essential		0.01%	P	No
N-Nitrosodipropylamine	621-64-7	Impurities	rubber	0.1%	R	No
Cobalt, ((2,2'-(1,2-ethanediybis(nitrilomethylidene))bis(6-fluorophenolato))(2-)-N,N',O,O')-	62207-76-5	Metals		0.1%	D	No
Sulfurous acid, lead salt, dibasic	62229-08-7	Metals, non-essential	stabilizer	0.1%	P	Yes
C.I. Acid Red 150, C.I.27190	6226-78-4	Pigments		0.003%	P	No
Mercury, chloro(4-hydroxyphenyl)-	623-07-4	Metals, non-essential		0.1%	P	No
Disodium 3,6-bis[(o-arsenophenyl)azo]-4,5-dihydroxynaphthalene-2,7-disulphonate	62337-00-2	Metals, non-essential		0.01%	R	No
Chlormerodrin	62-37-3	Metals, non-essential		0.1%	P	No
Phenylmercuric acetate	62-38-4	Metals, non-essential	fungicide	0.01%	P	No
1,4-Benzenediamine, dihydrochloride	624-18-0	Intermediate		0.1%	D	No
Dimethylfumarate (DMF)	624-49-7	Biocides, non-agricultural	polymer	0.00001%	P	No
Bis(o-acetoxybenzoato)lead	62451-77-8	Metals, non-essential		0.1%	P	No
C.I. Acid Red 116, C.I.26660	6245-62-1	Pigments		0.003%	P	No
1,2-Difluoroethane (HFC)	624-72-6	Solvents, halogenated		0.1%	P	No
Methylethylamine	624-78-2	Amines		0.1%	D	No
C.I. Disperse Yellow 23, C.I.26070	6250-23-3	Pigments		0.003%	P	No
Aniline	62-53-3	Amines	antioxidant	0.1%	R	No
Methoxyacetic acid	625-45-6	Unclassified		0.1%	R	Yes
Trisodium [N,N-bis[2-[bis(carboxymethyl)amino]ethyl]glycinato(5-)]cobaltate(3-)	6255-07-8	Metals		0.1%	D	No
Thiocarbamide	62-56-6	Rubber chemical	plastic	0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(3-), bis[4-[[2-[(2-hydroxy-5-nitrophenyl)azo]-1,3-dioxobutyl]amino]-5-methoxy-2-methylbenzenesulfonato(3-)]-, trihydrogen	62598-42-9	Metals		0.1%	D	No
Iodonium, diphenyl-, hexafluoroarsenate(1-)	62613-15-4	Metals, non-essential		0.01%	R	No
Cyclohexanebutanoic acid, lead(2+) salt	62637-99-4	Metals, non-essential		0.1%	P	No
Cyclohexanebutanoic acid, mercury(2+) salt	62638-02-2	Metals, non-essential		0.1%	P	No
[.mu.-[Orthoborato(2-)-O:O']]diphenyldimercury	6273-99-0	Metals, non-essential		0.1%	P	No
Diethylmercury	627-44-1	Metals, non-essential		0.1%	P	No
N-Nitrosodimethylamine	62-75-9	Impurities	rubber	0.1%	P	No
Mercury, (acetato-O)(4-aminophenyl)-	6283-24-5	Metals, non-essential		0.1%	P	No
Nickel(II) fumarate	6283-67-6	Metals		0,5 µg/cm ² /week	R	No
Mercury-difulminate	628-86-4	Metals, non-essential		0.1%	P	No
Ethylene glycol diethyl ether (EGDEE)	629-14-1	Solvents		0.1%	R	Yes
Mercury, dibutyl-	629-35-6	Metals, non-essential		0.1%	P	No
C.I. Disperse Yellow 7, C.I.26090	6300-37-4	Pigments		0.003%	P	No
C.I. Acid Red 148, C.I.26665	6300-53-4	Pigments		0.003%	P	No
1,1,1,2-Tetrachloroethane	630-20-6	Solvents, halogenated	additive in fuel	0.1%	R	No
1,2-Dibromotetrachloroethane	630-25-1	Solvents, halogenated		0.1%	P	No
Mercurous acetate	631-60-7	Metals, non-essential		0.1%	P	No
Benzenediazonium, 4-(ethylamino)-2-methyl-, hexafluoroarsenate(1-)	63217-32-3	Metals, non-essential		0.01%	R	No
Benzenediazonium, 4-(diethylamino)-2-ethoxy-, hexafluoroarsenate(1-)	63217-33-4	Metals, non-essential		0.01%	R	No
4,5,6,7-Tetrabromo-1,3-isobenzofurandione	632-79-1	Unclassified		0.1%	R	No
Cobalt, bis[3-(1H-benzimidazol-2-ylamino)-1H-isoindol-1-onato]-, (T-4)-	63287-28-5	Metals		0.1%	D	No
Mercurate(2-), tetraiodo-, (T-4)-, dihydrogen, compound with 5-iodo-2-pyridinamine (1:2)	63325-16-6	Metals, non-essential		0.1%	P	No
Lead(2+) heptadecanoate	63399-94-0	Metals, non-essential		0.1%	P	No
Cadmium pentadecanoate	63400-09-9	Metals, non-essential		0.01%	P	No
cis-Cyclohexane-1,2-dicarboxylic anhydride	634193-83-2	Intermediate		0.1%	R	Yes
Copper(2+), bis(1,2-ethanediamine-N,N')-, (SP-4-1)-tetrakis(cyano-C)nickelate(2-) (1:1)	63427-32-7	Metals		0,5 µg/cm ² /week	R	No
Paraffin waxes, chloro	63449-39-8	Flame retardant		0.1%	P	No
Alkyl dimethylbenzyl ammonium chloride	63449-41-2	Biocides		0.1%	P	No
1,2,3,4-Tetrachlorobenzene	634-66-2	Biocides		0.1%	P	No
Mercury, (acetato-O)(2-hydroxy-5-nitrophenyl)-	63468-53-1	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2,3,5-Tetrachlorobenzene	634-90-2	Biocides		0.1%	P	No
Mercury, bis(acetato-O)(benzenamine)-	63549-47-3	Metals, non-essential		0.1%	P	No
Naphthalenesulfonic acid, diisononyl-, lead(2+) salt	63568-30-9	Metals, non-essential		0.1%	P	No
C.I. Direct Red 39, C.I.23630	6358-29-8	Pigments		0.003%	P	No
C.I. Acid Red 265, C.I.18129	6358-43-6	Pigments		0.003%	P	No
C.I. Direct Orange 108, C.I.29173	6358-79-8	Pigments		0.003%	P	No
C.I. Acid Black 94, C.I.30336	6358-80-1	Pigments		0.003%	P	No
Nickelate(4-), [[[nitriлотris(methylene)]tris[phosphonato]](6)-N,OP,OP',OP'']-, tetrapotassium, (T-4)-	63588-33-0	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(4-), [[[nitriлотris(methylene)]tris[phosphonato]](6)-N,OP,OP',OP'']-, tetrapotassium, (T-4)-	63588-34-1	Metals		0.1%	D	No
Cobaltate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, tripotassium, (T-4)-	63597-33-1	Metals		0.1%	D	No
Nickelate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, tripotassium, (T-4)-	63597-34-2	Metals		0,5 µg/cm ² /week	R	No
C.I. Direct Brown 27, C.I.131725	6360-29-8	Pigments		0.003%	P	No
C.I. Direct Brown 154, C.I.30120	6360-54-9	Pigments		0.003%	P	No
Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']cobaltate(1-)	63640-17-5	Metals		0.1%	D	No
Potassium [N,N-bis(carboxymethyl)glycinato(3-)-N,O,O',O'']nickelate(1-)	63640-18-6	Metals		0,5 µg/cm ² /week	R	No
C.I. Solvent Red 19, C.I.26050	6368-72-5	Pigments		0.003%	P	No
Phenylarsine oxide	637-03-6	Metals, non-essential		0.01%	R	No
Trimethyltin sulphate	63869-87-4	Biocides		0.1%	P	No
Nonabromodiphenyl ether (PBDE)	63936-56-1	Flame retardant	electronics	0.1%	P	No
Mercury gluconate	63937-14-4	Metals, non-essential		0.1%	P	No
Chlorotetrafluoroethane (HCFC)	63938-10-3	Solvents, halogenated		0.1%	P	No
Triphenyltin chloride	639-58-7	Biocides	antifouling dye	0.1%	P	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, ammonium	63971-70-0	Metals		0.1%	D	No
Ferric arsenite	63989-69-5	Metals, non-essential		0.01%	R	No
Cobalt dilinoleate	6401-84-9	Metals		0.1%	D	No
EDTA, tetrasodium salt	64-02-8	Unclassified	reagent	0.1%	D	No
C.I. Direct Orange 10, C.I.23370	6405-94-3	Pigments		0.003%	P	No
C.I. Direct Red 21, C.I.23560	6406-01-5	Pigments		0.003%	P	No
Ethanol	64-17-5	Solvents		0.1%	D	No
Formic acid	64-18-6	Unclassified		0.01%	D	No
C.I. Direct Blue 21, C.I.23710	6420-09-3	Pigments		0.003%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
C.I. Direct Blue 295, C.I.23820	6420-22-0	Pigments		0.003%	P	No
C.I. Direct Red 62, C.I.29175	6420-43-5	Pigments		0.003%	P	No
C.I. Direct Red 24, C.I.29185	6420-44-6	Pigments		0.003%	P	No
Cobaltate(1-), bis[2-[(2-hydroxy-4-nitrophenyl)azo]-1-naphthalenolato(2-)]-, hydrogen	6421-64-3	Metals		0.1%	D	No
2,4,4,6-Tetrabromobiphenyl (PBB)	64258-02-2	Flame retardant		0.001%	P	No
2,4,6-Tribromobiphenyl (PBB)	64258-03-3	Flame retardant		0.001%	P	No
C.I. Direct Violet 22, C.I.22480	6426-67-1	Pigments		0.003%	P	No
Cadmium dipalmitate	6427-86-7	Metals, non-essential		0.01%	P	No
C.I. Direct Blue 9, C.I.24155	6428-98-4	Pigments		0.003%	P	No
7-Oxa-3,20-diazadispiro[5.1.11.2]heneicosan-21-one, 2,2,4,4-tetramethyl-	64338-16-5	Unclassified		0.1%	D	No
4,5-Dichloro-2-octyl-2H-isothiazol-3-one; 4,5-Dichloro-2-octylisothiazol-3(2H)-one (DCOIT)	64359-81-5	Biocides, non-agricultural		0.0001%	R	No
Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	64365-17-9	Complex mixtures	adhesive	0.01%	D	No
C.I. Acid Red 35, C.I.18065	6441-93-6	Pigments		0.003%	P	No
C.I. Disperse Red 221	64426-35-3	Pigments		0.003%	P	No
Antimony arsenic oxide	64475-90-7	Metals, non-essential		0.01%	R	No
C.I. Direct Red 22, C.I.23565	6448-80-2	Pigments		0.003%	P	No
Hydrogen [metasilicato(2-)-O](2-methoxyethyl)mercurate(1-)	64491-92-5	Metals, non-essential		0.1%	P	No
Isooctanoic acid, lead salt	64504-12-7	Metals, non-essential		0.1%	P	No
Bis(tributylstannyl) fumarate	6454-35-9	Biocides		0.0001%	P	No
C.I. Acid Red 114, C.I.23635	6459-94-5	Pigments		0.003%	P	No
C.I. Direct Yellow 48, C.I.23660	6459-97-8	Pigments		0.003%	P	No
Mercury distearate, pure	645-99-8	Metals, non-essential		0.1%	P	No
Cobaltate(1-), bis[1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenolato(2-)]-, sodium	64611-71-8	Metals		0.1%	D	No
4-Heptylphenol, branched and linear	6465-71-0	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	6465-74-3	Unclassified		0.1%	R	Yes
Sulfuric acid, diethyl ester	64-67-5	Intermediate	dye	0.1%	R	Yes
(S)-dichloro[2-[[[(2,3-dihydroxypropoxy)hydroxyphosphinyl]oxy]triethylmethylammonium]cadmium	64681-08-9	Metals, non-essential		0.01%	P	No
C.I. Solvent Brown 53	64696-98-6	Metals		0,5 µg/cm ² /week	R	No
C.I. Direct Violet 21, C.I.23520	6470-45-7	Pigments		0.003%	P	No
C.I. Direct Yellow 1, C.I.22250	6472-91-9	Pigments		0.003%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
C.I. Direct Violet 4, C.I.22555	6472-95-3	Pigments		0.003%	P	No
C.I. Direct Blue 35, C.I.24145	6473-33-2	Pigments		0.003%	P	No
Distillates (petroleum), heavy naphthenic	64741-53-3	Complex mixtures		0.1%	D	No
Paraffinic Distillate, Aromatic Extract	64742-04-7	Complex mixtures		0.1%	D	No
Naphthenic Distillate, Aromatic Extract	64742-11-6	Complex mixtures		0.1%	D	No
Distillates (petroleum), acid-treated heavy naphthenic	64742-18-3	Complex mixtures		0.1%	D	No
C.I. Direct Brown 222, C.I.30368	64743-15-3	Pigments		0.003%	P	No
Lead dipicrate	6477-64-1	Metals, non-essential		0.1%	P	Yes
C.I. Direct Brown 79, C.I.30050	6483-77-8	Pigments		0.003%	P	No
Ammonium nitrate	6484-52-2	Unclassified		0.1%	R	No
Glyceryl poly(oxypropylene)triamine (Polyamine Curing Agent)	64852-22-8	Amines		0.1%	D	No
C.I. Direct Yellow 24, C.I.22010	6486-29-9	Pigments		0.003%	P	No
Arsenic bromide	64973-06-4	Metals, non-essential		0.01%	R	No
C.I. Acid Red 264, C.I.18133	6505-96-0	Pigments		0.003%	P	No
Lead dibutanolate	65119-94-0	Metals, non-essential		0.1%	P	No
Lead(2+) 4,6-dinitro-o-cresolate	65121-76-8	Metals, non-essential		0.1%	P	No
Lead 12-hydroxyoctadecanoate	65127-78-8	Metals, non-essential		0.1%	P	No
Plumbane, tetrakis(1-methylpropyl)-	65151-08-8	Metals, non-essential		0.1%	P	No
Tributyltin sulfamate	6517-25-5	Biocides		0.0001%	P	No
Bismuth lead ruthenium oxide	65229-22-3	Metals, non-essential		0.1%	P	No
Heptahydrogen bis[4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-7-[(3-phosphonophenyl)amino]naphthalene-2-sulphonato(5-)]cobaltate(7-)	65335-15-1	Metals		0.1%	D	No
Cadmium chloride hydrate	654054-66-7	Metals, non-essential		0.01%	P	No
Dihydroxydinickel carbonate	65405-96-1	Metals		0,5 µg/cm ² /week	R	No
Cobalt arsenide	65453-05-6	Metals, non-essential		0.01%	R	No
Decaethylene glycol, isononylphenyl ether	65455-72-3	Surface-active agents		0.01%	R	No
C.I. Direct Red 46, C.I.23050	6548-29-4	Pigments		0.003%	P	No
C.I. Acid Red 128, C.I.24125	6548-30-7	Pigments		0.003%	P	No
Sulfuric acid, cobalt salt, hydrate	65492-00-4	Metals		0.1%	D	No
Phosphoric acid, bis[(1,1-dimethylethyl)phenyl] phenyl ester	65652-41-7	Flame retardant		0.1%	D	No
rel-(1R, 2S, 5R, 6S, 9S, 10R)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	65701-47-5	Flame retardant		0.01%	P	No
C.I. Direct Red 67, C.I.23505	6598-56-7	Pigments		0.003%	P	No
Tar acids, coal, crude	65996-85-2	Complex mixtures	wood preserver	0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Coal tar light oil	65996-91-0	Complex mixtures	distillation product	0.1%	D	No
Pitch, coal tar, high temp.	65996-93-2	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Rosin, hydrogenated	65997-06-0	Complex mixtures	adhesive	0.01%	D	No
Resin acids and Rosin acids, hydrogenated, esters with glycerol	65997-13-9	Complex mixtures	adhesive	0.01%	D	No
Lead Borosilicate	65997-18-4	Metals, non-essential		0.1%	P	No
Aniline trifluoroboron	660-53-7	Amines		0.1%	D	No
Beryllium carbonate	66104-24-3	Metals, non-essential		0.1%	R	No
Cobaltate(1-), bis[2-[[4-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, sodium	66104-83-4	Metals		0.1%	D	No
2,2,4,4-Tetrabromobiphenyl (PBB)	66115-57-9	Flame retardant		0.001%	P	No
1,1,1,2,2,3-Hexachloro-3,3-difluoropropane (CFC)	661-96-1	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichlorohexafluoropropane (CFC)	661-97-2	Solvents, halogenated	aerosol	0.1%	P	No
1,3-Dichloro-1,1,2,2,3,3-hexafluoropropane (CFC)	662-01-1	Solvents, halogenated		0.1%	P	No
Esfenvalerate; (S)-a-cyano-3-phenoxybenzyl-(S)-2-(4-chlorophenyl)-3-methylbutyrate	66230-04-4	Biocides, non-agricultural		0.1%	P	No
C.I. Acid Violet 12, C.I.18075	6625-46-3	Pigments		0.003%	P	No
C.I. Direct Orange 6	6637-88-3	Pigments		0.003%	P	No
Ceramic materials and wares, chemicals	66402-68-4	Fibres		0.1%	D	No
Cyclohexylhydroxydiazene 1-oxide, potassium salt	66603-10-9	Biocides, non-agricultural		0.1%	P	No
1,2,3-Tribromo-3,3-difluoropropane (HBFC)	666-25-1	Solvents, halogenated		0.1%	P	No
Tetrachlorofluoropropane (HCFC)	666-27-3	Solvents, halogenated	aerosol	0.1%	P	No
Tribromotetrafluoropropane (HBFC)	666-48-8	Solvents, halogenated	aerosol	0.1%	P	No
Dimethoxybis(pentane-2,4-dionato-O,O')tin	66779-19-9	Metals, non-essential		0.1%	D	No
Octanoic acid, cobalt salt	6700-85-2	Metals		0.1%	D	No
Silicon(1+), tris(2,4-pentanedionato-O,O')-, (OC-6-11)-, hexafluoroarsenate(1-)	67251-38-1	Metals, non-essential		0.01%	R	No
1,1-Bis(tert-butylperoxy)-3,5,5-trimethylcyclohexane	6731-36-8	Unclassified		0.01%	D	No
Alpha-cypermethrin	67375-30-8	Biocides, non-agricultural		0.1%	P	No
Cobaltate(1-), bis(2,4-dihydro-4-((2-hydroxy-4-nitrophenyl)azo)-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)), sodium	67486-73-1	Metals		0.1%	D	No
Polycrystalline alumino silicate fibres	675106-31-7	Fibres		0.1%	D	No
Methanol	67-56-1	Solvents	coolant	0.1%	D	No
1,2,3,4,6,7,8-Heptachloro-dibenzofuran	67562-39-4	Impurities		0.000001%	P	No
Cis-4-[3-(p-tert-butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	67564-91-4	Biocides, non-agricultural		0.1%	P	No
2-Propanol	67-63-0	Biocides		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzidine, Ni(2+) salt	67632-50-2	Unclassified		0.01%	P	No
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-02-5	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-03-6	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-04-7	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	676367-05-8	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-06-9	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-07-0	Unclassified		0.01%	R	Yes
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-08-1	Unclassified		0.1%	R	Yes
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	676367-09-2	Unclassified		0.1%	R	Yes
Acetone	67-64-1	Solvents	additive in fuel	0.1%	D	No
Trichloromethane	67-66-3	Solvents, halogenated	additive in fuel	0.1%	R	No
Petrolatum, petroleum, oxidized, lead salt	67674-14-0	Metals, non-essential		0.1%	P	No
Lead silicate sulfate	67711-86-8	Metals, non-essential		0.1%	P	No
Slimes and Sludges, copper refining	67712-00-9	Metals, non-essential		0.01%	R	No
C.I. Direct Blue 215, C.I.24415	6771-80-8	Pigments		0.003%	P	No
Trisodium bis[5-chloro-2-hydroxy-3-[(2-hydroxy-1-naphthyl)azo]benzenesulphonato(3-)]cobaltate(3-)	6771-86-4	Metals		0.1%	D	No
Hexachloroethane	67-72-1	Solvents, halogenated	additive in fuel	0.1%	P	No
Tribromodifluoroethane (HBFC)	677-34-9	Solvents, halogenated	aerosol	0.1%	P	No
2-bromo-1,1,1,2,3-pentafluoro-propane	677-52-1	Solvents, halogenated	aerosol	0.1%	P	No
1-bromo-1,1,2,2,3-pentafluoro-propane	677-53-2	Solvents, halogenated	aerosol	0.1%	P	No
Nickel, (2-propanol)[[2,2'-thiobis[4-(1,1,3,3-tetramethylbutyl)phenolato]](2-)-O,O',S]-	67763-27-3	Metals		0,5 µg/cm ² /week	R	No
Polybrominated biphenyl mixture (PBB)	67774-32-7	Flame retardant	electronics	0.001%	P	No
Benzenesulfonic acid, 5-chloro-4-ethyl-2- [(2-hydroxy-1-naphthalenyl)azo]-, barium salt (2:1)	67801-01-8	Metals, non-essential		0.1%	D	No
1,2,4-Benzenetricarboxylic acid, cobalt(2+) salt (1:1)	67801-57-4	Metals		0.1%	D	No
Nickel(2+), hexaammine-, (OC-6-11)-, carbonate (1:1)	67806-76-2	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(3-), tris[6-hydroxy-5-nitroso-2-naphthalenesulfonato(2-)]-, trisodium	67815-64-9	Metals		0.1%	D	No
1,1,2,2-Tetrahydroperfluoro-1-decanol (Fluorotelomer)	678-39-7	Unclassified		0.1%	R	No
4-[bis[4-(dimethylamino)phenyl]methyl]-N-phenyl-1-naphthalenamine	6786-83-0	Pigments	ink	0.1%	R	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobalt, [29H,31H-phthalocyanine-C-sulfonyl chloridato(2-)-N29,N30,N31,N32]-	67875-38-1	Metals		0.1%	D	No
2,2,4,4,5,5-Pentabromobiphenyl (PBB)	67888-96-4	Flame retardant		0.001%	P	No
(1R, 2R, 5S, 6R, 9R, 10S)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	678970-15-5	Flame retardant		0.01%	P	No
(1R, 2S, 5R, 6S, 9S, 10S)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	678970-16-6	Flame retardant		0.01%	P	No
(1R, 2R, 5R, 6S, 9S, 10R)-1,2,5,6,9,10-Hexabromocyclododecane (HBCD)	678970-17-7	Flame retardant		0.01%	P	No
Nickelate(1-), [[N,N'-1,2-ethanediybis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']-, potassium, (OC-6-21)-	67906-12-1	Metals		0,5 µg/cm ² /week	R	No
Cobalt(2+), bis(1,2-propanediamine-N,N')-, bis[bis(cyano-C)aurate(1-)]	67906-18-7	Metals		0.1%	D	No
Bis(propane-1,2-diyldiamine-N,N')cadmium(2+)bis[bis(cyano-C)aurate(1-)]	67906-19-8	Metals, non-essential		0.01%	P	No
Cobaltate(2-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, dilithium	67906-22-3	Metals		0.1%	D	No
Cobaltate(2-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)]-, dilithium, (OC-6-22')-	67906-23-4	Metals		0.1%	D	No
Cobaltate (6-), [[[1,2-ethanediybis[nitriobis(methylene)]]tetrakis[phosphonato]](8-)-N,N',O,O",O""",O""""]-.pentapotassium hydrogen, (OC-6-21)-	67924-23-6	Metals		0.1%	D	No
Tin, dibutylbis(N,N-diethylethanamine)difluoro-	67924-24-7	Metals, non-essential		0.1% by weight of tin	P	No
Cadmium dilinoleate	67939-62-2	Metals, non-essential		0.01%	P	No
Butanedioic acid, 2,3-dihydroxy- [R-(R*,R*)]-, nickel(2+) salt (2:1)	67952-41-4	Metals		0,5 µg/cm ² /week	R	No
Chloric acid, nickel(2+) salt	67952-43-6	Metals		0,5 µg/cm ² /week	R	No
2-Propenoic acid, 2-methyl-, cobalt(2+) salt	67952-53-8	Metals		0.1%	D	No
1,2,3-Propanetriol, mono(dihydrogen phosphate), nickel(2+) salt (1:1)	67952-69-6	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(1-), bis[3-[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamidato(2-)]-, hydrogen	67952-74-3	Metals		0.1%	D	No
Bis(trichloromethyl)mercury	6795-81-9	Metals, non-essential		0.1%	P	No
Nickelate(4-), [[[nitrioltris(methylene)]tris[phosphonato]](6-)-N,OP,OP',OP'']-, triammonium hydrogen, (T-4)-	67968-22-3	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(4-), [[[nitrioltris(methylene)]tris[phosphonato]](6-)-N,OP,OP',OP'']-, triammonium hydrogen, (T-4)-	67968-64-3	Metals		0.1%	D	No
Cobaltate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, triammonium, (T-4)-	67968-65-4	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, trisodium,(T-4)-	67968-66-5	Metals		0.1%	D	No
Cobaltate (6-), [[[1,2-ethanediy]bis[nitri]bis(methylene)]]tetrakis[phosphonato]](8-)-N,N',O,O',O''',O''''-],pentasodium hydrogen, (OC-6-21)-	67969-67-9	Metals		0.1%	D	No
3-Bromo-1,1,2,2-tetrafluoropropane (HBFC)	679-84-5	Solvents, halogenated	refinement	0.1%	P	No
3-Chloro-1,1,2,2-tetrafluoropropane (HCFC)	679-85-6	Solvents, halogenated		0.1%	P	No
1,1,2,2,3-Pentafluoropropane (HFC)	679-86-7	Non-chlorinated halogen		0.1%	P	No
Bisphenol A, epichlorohydrin, dimer fatty acids polymer	67989-52-0	Unclassified		0.1%	D	No
Tetrapotassium[[[nitri]tris(methylene)]tris[phosphonato]](6-)-N,O,O',O''',O''''-]cadmate(6-)	67989-93-9	Metals, non-essential		0.01%	P	No
1-bromo-1,2,2,3,3-pentafluoro-propane	679-94-7	Solvents, halogenated	aerosol	0.1%	P	No
Cobaltate(4-), [[[nitri]tris(methylene)]tris[phosphonato]](6-)-N,OP,OP',OP''-], tetrasodium, (T-4)-	68000-01-1	Metals		0.1%	D	No
Cobalt molybdenum nickel oxide (CoMo2NiO8)	68016-03-5	Metals		0,5 µg/cm ² /week	R	No
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ammonium nickel(2+) salt (2:2:1)	68025-13-8	Metals		0,5 µg/cm ² /week	R	No
Cobaltate (6-), [[[1,2-ethanediy]bis[nitri]bis(methylene)]]tetrakis[phosphonato]](6-)-N,N',O,O',O''',O''''-],pentaammonium hydrogen, (OC-6-21)-	68025-39-8	Metals		0.1%	D	No
Nickelate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, triammonium, (T-4)-	68025-40-1	Metals		0,5 µg/cm ² /week	R	No
Nickelate(3-), [N,N-bis(phosphonomethyl)glycinato(5-)]-, trisodium,(T-4)-	68025-41-2	Metals		0,5 µg/cm ² /week	R	No
Hexamethylphosphoric triamide	680-31-9	Unclassified		0.1%	R	No
Polyethylene, chlorosulfonated	68037-39-8	Unclassified	hose	0.1%	D	No
Nickelate(4-), [[[nitri]tris(methylene)]tris[phosphonato]](6-)-N,OP,OP',OP''-], tetrasodium, (T-4)-	68052-00-6	Metals		0,5 µg/cm ² /week	R	No
4,4'-(1,3-Dimethylbutylidene)diphenol	6807-17-6	Unclassified		0.1%	R	Yes
Cadmium m-toluate	68092-45-5	Metals, non-essential		0.01%	P	No
2-Butenedioic acid, 1,1'-(dioctylstannylene) 4,4'-diethyl ester	68109-88-6	Metals, non-essential		0.1% by weight of tin	P	No
N,N-Dimethylformamide	68-12-2	Solvents	additive	0.1%	R	Yes
Benzoic acid, 4-amino-, cobalt(2+) salt (2:1)	68123-03-5	Metals		0.1%	D	No
Silicic acid, lead nickel salt	68130-19-8	Metals, non-essential		0.1%	P	No
Fatty acids, C10-18, cadmium salts	68131-58-8	Metals, non-essential		0.01%	P	No
Fatty acids, C12-18, cadmium salts	68131-59-9	Metals, non-essential		0.01%	P	No
Fatty acids, C12-18, lead salts	68131-60-2	Metals, non-essential		0.1%	P	No
C8-18alkylbis(2-hydroxyethyl)ammonium bis(2-ethylhexyl)phosphate	68132-19-4	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(5-), bis[5-[(4-chloro-6-methoxy-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(4-)]-, tetrasodium hydrogen	68132-93-4	Metals		0.1%	D	No
Nickel, [(2-amino-2-oxoethoxy)acetato(2-)]-	68133-84-6	Metals		0,5 µg/cm ² /week	R	No
Cobalt, [(2-amino-2-oxoethoxy)acetato(2-)]-	68133-85-7	Metals		0.1%	D	No
Linseed oil, reaction products with lead oxide (Pb3O4) and mastic	68152-99-8	Metals, non-essential		0.1%	P	No
2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene, lead(2+) bis(2-methyl-2-propenoate) and .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl)	68155-47-5	Metals, non-essential		0.1%	P	No
C.I. Pigment Green 50	68186-85-6	Pigments		0.01%	D	No
Cobalt aluminate blue spinel	68186-86-7	Pigments		0.1%	D	No
Cobalt zinc aluminate blue spinel	68186-87-8	Pigments	dye	0.1%	D	No
Copper chromite black spinel	68186-91-4	Metals		0.1%	D	No
C.I. Pigment Black 27	68186-97-0	Pigments		0.1%	D	No
C.I. Pigment Blue 36	68187-11-1	Pigments		0.1%	D	No
Lead, 2-ethylhexanoate tall-oil fatty acids complexes	68187-37-1	Metals, non-essential		0.1%	P	No
C.I. Pigment Green 26	68187-49-5	Pigments		0.1%	D	No
Cobalt chromite blue green spinel	68187-50-8	Pigments		0.1%	D	No
Nickel, bis[(2-hydroxy-4-octylphenyl)phenylmethanonato-O,O']-	68189-15-1	Metals		0,5 µg/cm ² /week	R	No
Cobalt, [29H,31H-phthalocyanine-C,C-disulfonyl dichloridato(2-)-N29,N30,N31,N32]-	68189-40-2	Metals		0.1%	D	No
Tributyltin isothiocyanate	681-99-2	Biocides		0.0001%	P	No
Mercury, (acetato-O)diamminephenyl-, (T-4)-	68201-97-8	Metals, non-essential		0.1%	P	No
Hydrazinium(1+), (OC-6-21)-[[N,N'-1,2-ethanediylbis[N-(carboxymethyl)glycinato]](4-)-N,N',O',ON,ON']cobaltate(2-) (2:1)	68201-98-9	Metals		0.1%	D	No
Cobaltate(1-), [C-(chlorosulfonyl)-29H,31H-phthalocyanine-C-sulfonato(3-)-N29,N30,N31,N32]-, hydrogen	68213-72-9	Metals		0.1%	D	No
Benzyltriphenylphosphonium tetrachlorocadmate	68214-25-5	Metals, non-essential		0.01%	P	No
Tin, dibutyl[N-(carboxymethyl)-N-(2-hydroxyethyl)glycinato(2-)]-	68239-46-3	Metals, non-essential		0.1% by weight of tin	P	No
Cobaltate(1-), [N-[8-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-7-hydroxy-1-naphthalenyl]acetamidato(2-)]3-[[4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)]-, hydrogen	68239-47-4	Metals		0.1%	D	No
Di(acetato-O)(1,4-diazabicyclo[2.2.2]octane-N1)cobalt	68239-55-4	Metals		0.1%	D	No
Cobalt, bis(acetato-O)(1,4-diazabicyclo[2.2.2]octane-N1)-, homopolymer	68239-56-5	Metals		0.1%	D	No
Dichloro(1,4-diazabicyclo[2.2.2]octane-N1)cobalt	68239-57-6	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobalt, dichloro(1,4-diazabicyclo[2.2.2]octane-N1)-, homopolymer	68239-58-7	Metals		0.1%	D	No
Ammonium perfluorohexane-1-sulphonate (PFHxS)	68259-08-5	Solvents, halogenated		0.1%	R	Yes
Diocetylindineodecanoate	68299-15-0	Metals, non-essential		0.1% by weight of tin	P	No
Nickel(2+), tris(4,7-diphenyl-1,10-phenanthroline-N1,N10)-, (OC-6-11)-, bis[tetrafluoroborate(1-)]	68309-97-7	Metals		0,5 µg/cm ² /week	R	No
Pentapotassium hydrogen[[[ethylenebis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-)]cadmate(6-)	68309-98-8	Metals, non-essential		0.01%	P	No
Dibutyltin dichloride (DBTC)	683-18-1	Metals, non-essential		0.1% by weight of tin	P	Yes
68332-81-0	68332-81-0	Metals, non-essential		0.01%	P	No
Cyfluthrin; beta-cyfluthrin; a-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	68359-37-5	Biocides, non-agricultural		0.1%	P	No
Lead phthalate	6838-85-3	Metals, non-essential		0.1%	P	No
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	Biocides	surfactant	0.1%	P	No
Quaternary ammonium compounds, di-C6-12-alkyldimethyl, chlorides	68391-06-0	Biocides, non-agricultural		0.1%	P	No
C.I. Basic Red 76, C.I.12245	68391-30-0	Pigments		0.003%	P	No
1,2,3-Propanetriol, 1-(dihydrogen phosphate), nickel(2+) salt (1:1)	68391-37-7	Metals		0,5 µg/cm ² /week	R	No
Fatty acids, C8-10-branched, lead salts, basic	68409-79-0	Metals, non-essential		0.1%	P	No
Cobalt carboxylate	68409-81-4	Metals		0.1%	D	No
Fatty acids, C14-18, cadmium salts	68409-82-5	Metals, non-essential		0.01%	P	No
Copper, .beta.-resorcyate salicylate lead complexes	68411-07-4	Metals, non-essential		0.1%	P	No
Benzenesulfonic acid,C10-13-alkyl derivs., sodium salts	68411-30-3	Unclassified		0.1%	D	No
Lead oxide (PbO), lead-contg.	68411-78-9	Metals, non-essential		0.1%	P	No
2-Propanone, reaction products with diphenylamine (PREPOD)	68412-48-6	Unclassified	additive	0.1%	D	No
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched, phosphates	68412-53-3	Surface-active agents		0.01%	R	No
Branched nonylphenol ethoxylate	68412-54-4	Surface-active agents		0.01%	P	Annex XIV
Cobalt Zinc Silicate Blue Phenacite	68412-74-8	Metals		0.1%	D	No
Cobaltate(1-), [3-[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamidato(2-)]N-[7-hydroxy-8-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-1-naphthalenyl]acetamidato(2-)]-, hydrogen	68413-61-6	Metals		0.1%	D	No
Quaternary ammonium compounds, benzyl-C8-16-alkyldimethyl, chlorides	68424-84-0	Biocides, non-agricultural		0.1%	P	No
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	Biocides	surfactant	0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	Biocides, non-agricultural		0.1%	P	No
Brominated butyl rubber	68441-14-5	Unclassified	rubber	0.1%	D	No
N-Phenylbenzenamine, styrenated	68442-68-2	Amines		0.01%	D	No
Hydrofluoric acid, reaction products with alumina and cobalt chloride (CoCl ₂)	68442-96-6	Metals		0.1%	D	No
Cobalt borate neodecanoate complexes	68457-13-6	Metals		0.1%	D	No
Phosphorodithioic acid, mixed O,O-bis(iso-butyl and pentyl) esters, zinc salts	68457-79-4	Unclassified		0.1%	D	No
Cobalt, bis(D-glycero-D-ido-heptonato)-	68475-45-6	Metals		0.1%	D	No
Chromium hydroxide oxide silicate	68475-49-0	Metals, non-essential		0.1%	P	No
1,4-Benzenediamine, N,N'-diphenyl-, methyl derivs.	68478-45-5	Amines		0.01%	D	No
Cadmium, benzoate p-tert-butylbenzoate complexes	68478-53-5	Metals, non-essential		0.01%	P	No
Pyrochlore, bismuth cadmium ruthenium	68479-13-0	Metals, non-essential		0.01%	P	No
Diethyltoluenediamine	68479-98-1	Intermediate	colouring agent	0.01%	D	No
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	68511-62-6	Metals		0,5 µg/cm ² /week	R	No
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	68515-40-2	Plasticisers		0.1%	D	No
1,2-Benzenedicarboxylic acid, di-C7-11-alkyl esters, branched and linear	68515-42-4	Plasticisers	dye	0.01%	P	Annex XIV
1,2-Benzenedicarboxylic acid, di-C9-11-alkyl esters, branched and linear	68515-43-5	Plasticisers		0.01%	D	No
1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear	68515-44-6	Plasticisers		0.1%	D	No
1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear	68515-45-7	Plasticisers		0.1%	D	No
1,2-Benzenedicarboxylic acid, di-C11-14-alkyl esters, branched	68515-47-9	Plasticisers		0.1%	D	No
Di-isononyl phthalate (DINP)	68515-48-0	Plasticisers	binder	0.1%	R	No
1,2-Benzenedicarboxylic acid, di-C9-11-alkyl esters, branched	68515-49-1	Plasticisers		0.1%	R	No
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Plasticisers		0.1%	R	Yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	Plasticisers		0.1%	R	Yes
Lead, isooctanoate naphthenate complexes	68515-80-0	Metals, non-essential		0.1%	P	No
Alkene, C12-24-, Chloro-	68527-02-6	Flame retardant		0.1%	P	No
Disodium (4-hydroxy-3-((2-hydroxy-4-nitrophenyl)azo)naphthalene-1-sulphonato(3-))(1-((2-hydroxy-4-nitrophenyl)azo)-2-naphtholato(2-))chromate(2-)	68541-71-9	Metals, non-essential		0.1%	P	No
Dichlorobis(3-pyridylcarboxamide-N1)cobalt	6856-47-9	Metals		0.1%	D	No
Cobaltate(1-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)]-, hydrogen	68568-52-5	Metals		0.1%	D	No
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	Unclassified		0.1%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with 2-propanamine	68584-24-7	Unclassified		0.1%	D	No
Sulfuric acid, nickel(2+) salt (1:1), reaction products with nickel and nickel oxide (NiO)	68585-48-8	Metals		0,5 µg/cm ² /week	R	No
Phenol, dodecyl-, lead(2+) salt	68586-21-0	Metals, non-essential		0.1%	P	No
Fatty acids, C6-19-branched, lead salts, basic	68603-83-8	Metals, non-essential		0.1%	P	No
Castor oil, dehydrated, polymer with rosin, calcium lead zinc salt	68604-05-7	Metals, non-essential		0.1%	P	No
Sulfonic acids, petroleum, sodium salts	68608-26-4	Unclassified		0.1%	D	No
Cobalt magnesium red blue borate	68608-93-5	Metals		0.1%	D	No
C.I. Pigment Violet 47	68610-13-9	Pigments		0.1%	D	No
Plumbane, ethyl methyl derivatives	68610-17-3	Metals, non-essential		0.1%	P	No
C.I. Pigment Yellow 157 (Nickel barium titanium priderite)	68610-24-2	Pigments		0,5 µg/cm ² /week	R	No
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	68610-51-5	Unclassified		0.01%	D	No
Nickel niobium titanium yellow rutile	68611-43-8	Pigments		0,5 µg/cm ² /week	R	No
Silicic acid (H4SiO4), zinc salt (1:2), arsenic and manganese-doped	68611-46-1	Metals, non-essential		0.01%	R	No
2,2,4,4,5,5-Hexabromodiphenyl ether (PBDE)	68631-49-2	Flame retardant		0.1%	P	No
4-Heptylphenol, branched and linear	6863-24-7	Unclassified		0.1%	R	Yes
3,3'-Dimethyl-4,4'-diaminodicyclohexylmethane	6864-37-5	Amines		0.01%	D	No
Molybdate (Mo7O246-), cobalt(3+) (2:1)	68647-47-2	Metals		0.1%	D	No
1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	Plasticisers		0.1%	R	Yes
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	Unclassified		0.1%	D	No
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(nonylphenoxy)-, branched, ammonium salt	68649-55-8	Surface-active agents		0.01%	R	No
Octadecanoic acid, barium salt	6865-35-6	Metals, non-essential		0.1%	D	No
Nickelate(6-), [4-[[[5-[[[3,6-dichloro-4-pyridazinyl]carbonyl]amino]-2-sulfophenyl]azo]-4,5-dihydro-5-oxo-1-[5-[[[trisulfo-29H,31H-phthalocyaninyl)sulfonyl]amino]-2-sulfophenyl]-1H-pyrazole-3-carboxylato(8-)-N29,N30,N31,N32]-,hexahydrogen	68698-80-6	Metals		0,5 µg/cm ² /week	R	No
Tetrabromobisphenol, bisphenol A, epichlorohydrin polymer	68758-75-8	Flame retardant		0.001%	P	No
Sulfonic acids, petroleum, calcium salts, overbased	68783-96-0	Unclassified		0.1%	D	No
Cadmium sulfide (CdS), solid soln. with zincsulfide, aluminum and cobalt and copper and silver-doped	68784-10-1	Metals, non-essential		0.01%	P	No
Barium cadmium calcium chloride fluoride phosphate, antimony and manganese-doped	68784-55-4	Metals, non-essential		0.01%	P	No
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	Metals, non-essential	dye	0.1%	P	Yes
Mercury acetylde	68833-55-6	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Kieselguhr, soda ash flux-calcined	68855-54-9			0.01%	D	No
Fatty acids, tall-oil, cadmium salts	68855-80-1	Metals, non-essential		0.01%	P	No
Tributyltin hydride	688-73-3	Biocides	antifouling dye	0.0001%	P	No
Fatty acids, C8-18 and C18-unsatd., cadmium salts	68876-84-6	Metals, non-essential		0.01%	P	No
Cadmium sulfide (CdS), aluminum and copper-doped	68876-98-2	Metals, non-essential		0.01%	P	No
Cadmium sulfide (CdS), aluminum and silver-doped	68876-99-3	Metals, non-essential		0.01%	P	No
Cadmium sulfide (CdS), copper chloride-doped	68877-00-9	Metals, non-essential		0.01%	P	No
Cadmium sulfide (CdS), silver chloride-doped	68877-01-0	Metals, non-essential		0.01%	P	No
Cadmium sulfide (CdS), copper and lead-doped	68891-87-2	Metals, non-essential		0.01%	P	No
Boron(1+), bis(2,4-pentanedionato-O,O')-, (T-4)-, hexafluoroarsenate(1-)	68892-01-3	Metals, non-essential		0.01%	R	No
2,4-Cyclohexadien-1-one, 3,5,6-trihydroxy-4,6-bis(3-methyl-2-butenyl)-2-(3-methyl-2-oxobutyl)-, lead salt, (R)-	68901-11-1	Metals, non-essential		0.1%	P	No
.alpha.-D-Glucopyranose, 1-(dihydrogen phosphate), lead salt	68901-12-2	Metals, non-essential		0.1%	P	No
Nickel, bis(2-heptadecyl-1H-imidazole-N3)bis(octanoato-O)-	68912-08-3	Metals		0,5 µg/cm ² /week	R	No
Chlorinated n-paraffins (C6-18)	68920-70-7	Flame retardant		0.1%	P	Yes
N-Phenyl-benzenamine, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	68921-45-9	Unclassified	antioxidant	0.1%	R	No
Cobaltate(2-), [2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-N-(2-ethylhexyl)-3-oxobutanamido(2-)]][4-[[1-[(2-hydroxy-3,5-dinitrophenyl)azo]-2-naphthalenyl]amino]benzenesulfonato(3-)]-, dipotassium	68928-31-4	Metals		0.1%	D	No
Heptabromodiphenyl ether (PBDE)	68928-80-3	Flame retardant	electronics	0.001%	P	No
Isopropylphenyl phosphate	68937-41-7	Flame retardant		0.1%	D	No
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, reaction products with ammonia, octamethylcyclotetrasiloxane and silica	68937-51-9	Unclassified		0.01%	D	No
Antimony oxide (Sb2O3), mixed with arsenic oxide	68951-38-2	Metals, non-essential		0.01%	R	No
Siloxanes and Silicones, Me 3,3,3- trifluoropropyl, Methyl vinyl,hydroxyterminated	68952-02-3	Unclassified		0.1%	D	No
Fatty acids, tallow, hydrogenated, cadmium salts	68953-39-9	Metals, non-essential		0.01%	P	No
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2	Unclassified		0.1%	D	No
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl and xylyl derivs.	68953-83-3	Amines		0.01%	D	No
1,4-Benzenediamine, N,N'-mixed phenyl and tolyl derivs.	68953-84-4	Amines		0.01%	D	No
(C9-C13) Neoalkanoic acids, cobalt(2+) salts	68955-83-9	Metals		0.1%	D	No
Resin acids and Rosin acids, cadmium salts	68956-81-0	Metals, non-essential		0.01%	P	No
Silicic acid (H4SiO4), tetraethyl ester, polymer with arsenic oxide(As2O3)	68957-75-5	Metals, non-essential		0.01%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickelate(6-),[[[1,2-ethanediy]bis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-), pentaammonium hydrogen,(OC-6-21)-	68958-86-1	Metals		0,5 µg/cm ² /week	R	No
Nickelate(6-),[[[1,2-ethanediy]bis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-), pentapotassium hydrogen,(OC-6-21)-	68958-87-2	Metals		0,5 µg/cm ² /week	R	No
Nickelate(6-),[[[1,2-ethanediy]bis[nitrilobis(methylene)]]tetrakis[phosphonato]](8-), pentasodium hydrogen,(OC-6-21)-	68958-88-3	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+), bis(1,2-ethanediamine-N,N')-, bis[bis(cyano-C)aurate(1-)]	68958-89-4	Metals		0,5 µg/cm ² /week	R	No
Cobalt(2+), bis(1,2-ethanediamine-N,N')-, bis[bis(cyano-C)aurate(1-)]	68958-90-7	Metals		0.1%	D	No
Cobaltate(1-), bis[N-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-7-hydroxy-1-naphthalenyl]acetamidato(2-)]-, sodium	68966-95-0	Metals		0.1%	D	No
Cobaltate(1-), [N-[[8-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-7-hydroxy-1-naphthalenyl]acetamidato(2-)]][3-[[4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulfonamidato(2-)]-, sodium	68966-96-1	Metals		0.1%	D	No
Hydrogen [4-[[5-chloro-4-methyl-2-sulphophenyl]azo]-3-hydroxynaphthalene-2-carboxylato(3-)]cadmate(1-)	68966-97-2	Metals, non-essential		0.01%	P	No
Cobaltate(1-), bis[2-[[2-amino-1-naphthalenyl]azo]-5-nitrophenolato(2-)]-, sodium	68966-98-3	Metals		0.1%	D	No
Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides	68989-00-4	Biocides	surfactant	0.1%	P	No
Gilsonite, polymer with linseed oil, lead salt	68989-89-9	Metals, non-essential		0.1%	P	No
Linseed oil, polymer with tung oil, lead salt	68990-75-0	Metals, non-essential		0.1%	P	No
Nickel titanium tungsten oxide (NiTi20W2O47)	69011-05-8	Metals		0,5 µg/cm ² /week	R	No
[Phthalato(2-)]dioxotrilead	69011-06-9	Metals, non-essential		0.1%	P	Yes
Lead chromate silicate (Pb3(CrO4)(SiO4))	69011-07-0	Metals, non-essential		0.1%	P	No
Cobalt zirconium oxide (CoZrO3)	69011-09-2	Metals		0.1%	D	No
Lead alloy, dross	69011-59-2	Metals, non-essential		0.1%	P	No
Lead alloy, Pb,Sn, dross	69011-60-5	Metals, non-essential		0.1%	P	No
Cadmium, dross	69011-69-4	Metals, non-essential		0.01%	P	No
Wastewater, cadmium sulfate electrolytic, acid	69012-21-1	Metals, non-essential		0.01%	P	No
Flue dust, cadmium-refining	69012-57-3	Metals, non-essential		0.01%	P	No
Leach residues, zinc ore-calcine, cobalt repulp	69012-71-1	Metals		0.1%	D	No
Leach residues, zinc ore-calcine, zinc cobalt	69012-72-2	Metals		0.1%	D	No
Lead, dross, antimony-rich	69029-45-4	Metals, non-essential		0.1%	P	No
Lead, dross, bismuth-rich	69029-46-5	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead, antimonial	69029-50-1	Metals, non-essential		0.1%	P	No
Lead, antimonial, dross	69029-51-2	Metals, non-essential		0.1%	P	No
Lead, dross	69029-52-3	Metals, non-essential		0.1%	P	No
Lead oxide (PbO), retort	69029-53-4	Metals, non-essential		0.1%	P	No
Calcines, cadmium residue	69029-63-6	Metals, non-essential		0.01%	P	No
Flue dust, lead-refining	69029-67-0	Metals, non-essential		0.01%	R	No
Leach residues, cadmium-refining	69029-70-5	Metals, non-essential		0.01%	P	No
Leach residues, lead slag	69029-71-6	Metals, non-essential		0.1%	P	No
Residues, cadmium-refining	69029-77-2	Metals, non-essential		0.01%	P	No
Slimes and Sludges, cadmium-refining, oxidized	69029-90-9	Metals, non-essential		0.01%	P	No
Slimes and Sludges, cadmium sump tank	69029-91-0	Metals, non-essential		0.01%	P	No
1,1,1,3,3,3-Hexafluoropropane (HFC)	690-39-1	Non-chlorinated halogen	refrigerant	0.1%	P	No
Cadmium(2+) 12-hydroxyoctadecanoate	69121-20-6	Metals, non-essential		0.01%	P	No
Phosphonic acid, (1-hydroxyethylidene)bis-, cobalt(2+) potassium salt (1:1:2)	69140-59-6	Metals		0.1%	D	No
Phosphonic acid, (1-hydroxyethylidene)bis-, cobalt(2+) sodium salt (1:1:2)	69140-60-9	Metals		0.1%	D	No
Phosphonic acid, (1-hydroxyethylidene)bis-, ammonium cobalt(2+) salt (1:2:1)	69178-34-3	Metals		0.1%	D	No
Cobalt, bis[2-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-	69178-42-3	Metals		0.1%	D	No
Cadmium potassium 1-(hydroxyethylidene)bisphosphonate(1:2:1)	69190-99-4	Metals, non-essential		0.01%	P	No
Cobalt, dibromobis[tris(3,5-dimethylphenyl)phosphine]-, (T-4)-	69198-43-2	Metals		0.1%	D	No
Tributyltin undecylenate	69226-47-7	Biocides		0.0001%	P	No
Lead, dross, copper-rich	69227-11-8	Metals, non-essential		0.1%	P	No
Diacetoxydiphenylplumbane	6928-68-3	Metals, non-essential		0.1%	P	No
Bis(4-benzoyl-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato-O,O')nickel	69524-96-5	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(7-), bis[4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-7-[(3-phosphonophenyl)amino]-2-naphthalenesulfonato(5-)]-, disodium pentahydrogen	69898-68-6	Metals		0.1%	D	No
Lead, C6-19-branched carboxylate naphthenate complexes	70084-67-2	Metals, non-essential		0.1%	P	No
Fatty acids, C12-18, barium cadmium salts	70084-75-2	Metals, non-essential		0.01%	P	No
Fatty acids, soya, polymers with acetic acid, fumaric acid, linseedoil, maleic anhydride, pentaerythritol, rosin, tall oil, tall-oil fatty acids and tripentaerythritol, cobalt salts	70131-61-2	Metals		0.1%	D	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, zinc salt (PFHxS)	70136-72-0	Solvents, halogenated		0.1%	R	Yes
1,1'-Biphenyl-4,4'-diamine, 2,2'-dichloro-, sulfate	70146-07-5	Unclassified		0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Sodium hydroxymethylamino acetate	70161-44-3	Biocides, non-agricultural		0.1%	P	No
Cobaltate(1-), bis[2-chloro-5-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-N-methylbenzenesulfonamido(2-)]-, sodium	70179-69-0	Metals		0.1%	D	No
1-bromo-1,2,2,3-tetrafluoro-propane	70192-71-1	Solvents, halogenated	aerosol	0.1%	P	No
Tribromodifluoropropane	70192-80-2	Solvents, halogenated	aerosol	0.1%	P	No
Dibromotrifluoropropane	70192-83-5	Solvents, halogenated	aerosol	0.1%	P	No
1-bromo-1,1,2,2-tetrafluoropropane	70192-84-6	Solvents, halogenated	aerosol	0.1%	P	No
Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFHxS)	70225-16-0	Solvents, halogenated		0.1%	R	Yes
Cobaltate(1-), [2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]-[N-[7-hydroxy-8-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-1-naphthalenyl]acetamido(2-)]-, sodium	70236-41-8	Metals		0.1%	D	No
Cobaltate(1-), bis[5-[(5-chloro-2-hydroxyphenyl)azo]-6-hydroxy-N-(2-hydroxyethyl)-N-methyl-2-naphthalenesulfonamido(2-)]-, sodium	70236-43-0	Metals		0.1%	D	No
Cobaltate(1-), bis[2-(3-chlorophenyl)-2,4-dihydro-4-[[2-hydroxy-5-(methylsulfonyl)phenyl]azo]-5-methyl-3H-pyrazol-3-onato(2-)]-, sodium	70236-44-1	Metals		0.1%	D	No
Cobaltate(1-), bis[6-amino-5-[(2-hydroxy-4-nitrophenyl)azo]-N-methyl-2-naphthalenesulfonamido(2-)]-, sodium	70236-59-8	Metals		0.1%	D	No
Cobaltate(1-), bis[N-(2-chlorophenyl)-2-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-3-oxobutanamido(2-)]-, sodium	70247-73-3	Metals		0.1%	D	No
Cobaltate(1-), bis[N-(2-chlorophenyl)-2-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-3-oxobutanamido(2-)]-, sodium	70247-74-4	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-(2-methoxyethyl)benzenesulfonamido(2-)]-, sodium	70247-76-6	Metals		0.1%	D	No
N-Methyl-N'-nitro-N-nitrosoquandine	70-25-7	Unclassified		0.1%	R	No
1,3-Benzenediol, nitro-, lead(2+) salt (1:1)	70268-38-1	Metals, non-essential		0.1%	P	No
Cobaltate(1-), bis[3-[[4,5-dihydro-3-methyl-1-(4-methylphenyl)-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamido(2-)]-, sodium	70281-40-2	Metals		0.1%	D	No
N-Tolyl-n'-xylyl-p-phenylenediamine	70290-05-0	Amines	antiageing	0.1%	R	No
Lead, decanoate octanoate complexes	70321-55-0	Metals, non-essential		0.1%	P	No
Phenol, 2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)- (UV-234)	70321-86-7	Unclassified		0.01%	D	No
Silver arsenide (Ag ₂ As)	70333-07-2	Metals, non-essential		0.01%	R	No
Lead, alkyls, manufacturing wastes	70513-89-2	Metals, non-essential		0.1%	P	No
Flue dust, lead blast furnace	70514-05-5	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Slimes and sludges, lead sinter dust scrubber	70514-37-3	Metals, non-essential		0.1%	P	No
Cobaltate(2-), bis[3-[[1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulfonamidato(2-)]-, disodium	70529-03-2	Metals		0.1%	D	No
Formic acid, lead salt	7056-83-9	Metals, non-essential		0.1%	P	No
Cadmium dianthranilate	7058-55-1	Metals, non-essential		0.01%	P	No
1,2,3,4,7,8-Hexachloro dibenzofuran	70648-26-9	Impurities		0.000001%	P	No
1-Propylene glycol 2-methyl ether acetate (1PG2MEA)	70657-70-4	Solvents	diluent	0.1%	D	No
Nickel zirconium oxide (NiZrO3)	70692-93-2	Metals		0,5 µg/cm ² /week	R	No
Lead(2+) isooctadecanoate	70727-02-5	Metals, non-essential		0.1%	P	No
Nickelate(4-), [22-[[[4-sulfophenylamino]sulfonyl]-29H,31H-phthalocyanine-1,8,15-trisulfonato(6-)-N29,N30,N31,N32]-, tetrahydrogen, (SP-4-2)-	70729-79-2	Metals		0,5 µg/cm ² /week	R	No
Sulfonic acids, C10-18-alkane, phenyl esters	70775-94-9	Unclassified		0.1%	D	No
Polychlorinated naphthalene (PCN)	70776-03-3	Unclassified	additive	0.1%	P	No
Cobaltate(5-), bis[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(4-)]-, tetrasodium hydrogen	70776-55-5	Metals		0.1%	D	No
Nickel, (2-ethylhexanoato-O)(trifluoroacetato-O)-	70776-98-6	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]1-[(2-hydroxyphenyl)azo]-2-naphthalenolato(2-)]-, hydrogen, compound with 1-tridecanamine (1:1)	70815-19-9	Metals		0.1%	D	No
Bis(5-oxo-L-prolinato-N1,O2)nickel	70824-02-1	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(8-), bis[4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-7-[(3-phosphonophenyl)amino]-2-naphthalenesulfonato(5-)]-, tetraammonium tetrahydrogen	70833-34-0	Metals		0.1%	D	No
Nickel, bis(3-amino-4,5,6,7-tetrachloro-1H-isoindol-1-one oximato-N2,O1)-	70833-37-3	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(4-), bis[2-[[[3-[[[1-[[[2-chlorophenyl)amino]carbonyl]-2-oxopropyl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]-, tetrasodium	70851-34-2	Metals		0.1%	D	No
1,3-didecyl-2-methyl-1H-imidazolium chloride	70862-65-6	Biocides, non-agricultural		0.1%	P	No
Siloxanes and Silicones, di-Methyl, hydrogen-terminated	70900-21-9	Unclassified		0.1%	D	No
(Chloroacetoxy)triphenylstannane	7094-94-2	Biocides		0.1%	P	No
Chlorinated paraffin (C12-13, chloro)	71011-12-6	Flame retardant	coating	0.1%	P	Yes
Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with bentonite	71011-24-0	Unclassified		0.1%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with hectorite	71011-26-2	Unclassified		0.1%	D	No
Acetic acid, nickel(2+) salt, polymer with formaldehyde and 4-(1,1,3,3-tetramethylbutyl)phenol	71050-57-2	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(2-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamido(2-)]-, disodium	71060-75-8	Metals		0.1%	D	No
Benzenesulfonic acid, 4-arsenoso-, sodium salt	71130-50-2	Metals, non-essential		0.01%	R	No
Benzenesulfonic acid, 4-arsenoso-	71130-51-3	Metals, non-essential		0.01%	R	No
Nickel, [[2,2'-(methylenebis(thio))bis[acetato]](2-)]-	71215-73-1	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+), tris(1,2-ethanediamine-N,N')-, (OC-6-11)-, salt with dimethylbenzenesulfonic acid (1:2)	71215-97-9	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+), bis(1,2-ethanediamine-N,N')-, salt with dimethylbenzenesulfonic acid (1:2)	71215-98-0	Metals		0,5 µg/cm ² /week	R	No
Cadmium selenide sulfide (CdSe0.53S0.47)	71243-75-9	Metals, non-essential		0.01%	P	No
Nickelate(3-), [22-[[[3-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]phenyl]amino]sulfonyl]-29H,31H-phthalocyanine-1,8,15-trisulfonato(5-)-N29,N30,N31,N32]-, trisodium, (SP-4-2)-	71243-96-4	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(2-), [1-[[5-chloro-2-hydroxyphenyl)azo]-2-naphthalenolato(2-)]-[3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, sodium hydrogen	71243-97-5	Metals		0.1%	D	No
1,1,1-Trichloro-3,3,3-trifluoropropane (HCFC)	7125-83-9	Solvents, halogenated		0.1%	P	No
1,1-Dichloro-1,2,2-trifluoropropane (HCFC)	7125-99-7	Solvents, halogenated	aerosol	0.1%	P	No
1-Butanol	71-36-3	Unclassified		0.01%	D	No
(R)-12-hydroxyoleic acid, barium cadmium salt	71411-66-0	Metals, non-essential		0.01%	P	No
Benzene	71-43-2	Solvents	resin	0.01%	P	No
Cobalt(II) acetate	71-48-7	Corrosion inhibitors		0.1%	R	Yes
1,1,1-Trichloroethane	71-55-6	Solvents, halogenated	additive in fuel	0.01%	P	No
Cobaltate(1-), bis[2-[[2-hydroxy-5-[(phenylamino)sulfonyl]phenyl]azo]-3-oxo-N-phenylbutanamido(2-)]-, sodium	71562-83-9	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[[2-hydroxy-5-nitrophenyl]azo]-3-oxo-N-phenylbutanamido(2-)]-, sodium	71566-26-2	Metals		0.1%	D	No
Cobaltate(1-), bis[2,4-dihydro-4-[[2-hydroxy-5-nitrophenyl]azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]-, hydrogen, compound with cyclohexanamine (1:1)	71566-27-3	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[[2-amino-1-naphthalenyl]azo]-5-nitrophenolato(2-)]-, hydrogen	71566-34-2	Metals		0.1%	D	No
Cobaltate(1-), bis[3-[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamido(2-)]-, sodium	71566-39-7	Metals		0.1%	D	No

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Xanthylum, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxy-N-[3-(1-methylethoxy)propyl]benzenesulfonamidato(2-)]cobaltate(1-)	71566-55-7	Metals		0.1%	D	No
Nickel, bis[N-hydroxy-3-(hydroxyimino)-N'-(2-methoxyphenyl)butanimidamidato-N',N3]-	71605-83-9	Metals		0,5 µg/cm ² /week	R	No
Chrome iron nickel black spinel	71631-15-7	Pigments		0,5 µg/cm ² /week	R	No
Lead(2+) neodecanoate	71684-29-2	Metals, non-essential		0.1%	P	No
Lead(II) fumarate	71686-03-8	Metals, non-essential		0.1%	P	No
Cobaltate(1-), bis[3-[[1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamidato(2-)]-, sodium	71701-14-9	Metals		0.1%	D	No
Ethyl hydrogen sulphate, nickel(2+) salt	71720-48-4	Metals		0,5 µg/cm ² /week	R	No
Mercury(1+) ethyl sulphate	71720-55-3	Metals, non-essential		0.1%	P	No
Didecyldimethylammonium chloride	7173-51-5	Biocides, non-agricultural	surfactant	0.1%	P	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)amino]-N-(3-methoxypropyl)benzenesulfonamidato(2-)-N3,O3,O4]-, sodium	71735-52-9	Metals		0.1%	D	No
Cobaltate(1-), bis[N-[2-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-5-methylphenyl]acetamidato(2-)]-, sodium	71735-59-6	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-(3-methoxypropyl)benzenesulfonamidato(2-)]-, sodium	71735-61-0	Metals		0.1%	D	No
Hydroxy(neodecanoato-O)lead	71753-04-3	Metals, non-essential		0.1%	P	No
Nickel uranyl tetraacetate, of uranium depleted in uranium-235	71767-12-9	Metals		0,5 µg/cm ² /week	R	No
C.I. Solvent Red 164	71819-51-7	Pigments		0.003%	P	No
C.I. Direct Blue 192	71838-51-2	Pigments		0.003%	P	No
Cobaltate(1-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxy-N-(1-methylethyl)benzenesulfonamidato(2-)]-, hydrogen, compound with 2-propanamine (1:1)	71839-74-2	Metals		0.1%	D	No
Cobaltate(1-), bis[N-[7-hydroxy-8-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-1-naphthalenyl]acetamidato(2-)]-, hydrogen, compound with 2-propanamine (1:1)	71839-76-4	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, hydrogen, compound with 2-propanamine (1:1)	71839-84-4	Metals		0.1%	D	No
Cobaltate(1-), bis[2-chloro-5-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-N-methylbenzenesulfonamidato(2-)]-, hydrogen, compound with cyclohexanamine (1:1)	71839-87-7	Metals		0.1%	D	No
Cobaltate(1-), bis[2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]-, sodium	71839-88-8	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	71850-09-4	Plasticisers		0.1%	R	Yes
Tetra- μ -chlorodichlorobis[2-[[[2,3-dihydroxypropoxy]hydroxyphosphinyl]oxy]triethylmethylammonium]tricadmium, stereoisomer	71861-27-3	Metals, non-essential		0.01%	P	No
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5			0.1%	D	No
Diisooheptyl phthalate (DIHP)	71888-89-6	Plasticisers	dye	0.01%	P	Annex XIV
Nickel, [N-(4-chlorophenyl)-2-[3-[[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]methylene]hydrazino]-1H-isoindol-1-ylidene]-2-cyanoacetamidato(2-)]-	71889-20-8	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Nickel, [μ -(piperazine-N1:N4)]bis[3-[1-[(4,5,6,7-tetrachloro-1-oxo-1H-isoindol-3-yl)hydrazono]ethyl]-2,4(1H,3H)-quinolinedionato(2-)]di-	71889-22-0	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
4-Heptylphenol, branched and linear	71945-81-8	Unclassified		0.1%	R	Yes
Bis(D-gluconato-O1,O2)nickel	71957-07-8	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Bis(D-gluconato-O1,O2)cobalt	71957-08-9	Metals		0.1%	D	No
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethylamine (1:1) (PFHxS)	72033-41-1	Solvents, halogenated		0.1%	R	Yes
Cobaltate(2-), [2,4-dinitro-6-[[2-(phenylamino)-1-naphthalenyl]azo]phenolato(2-)] [3-hydroxy-4-[[2-hydroxy-1-naphthalenyl]azo]-7-nitro-1-naphthalenesulfonato(3-)]-, sodium hydrogen	72102-52-4	Metals		0.1%	D	No
Nickelate(8-), bis[3-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-2-hydroxy-5-sulfobenzoato(5-)]-, hexasodium dihydrogen	72139-08-3	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
C.I. Reactive green 12	72152-45-5	Pigments		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Sulfuric acid, nickel salt, reaction products with sulfurized calcium phenolate	72162-32-4	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Endrin (ISO)	72-20-8	Biocides	antimould	0.1%	P	No
Cobaltate(2-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)]-, disodium, (OC-6-22')-	72208-07-2	Metals		0.1%	D	No
Nickelate(3-), [C-[[[3-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]phenyl]amino]sulfonyl]-C,C,C-tris(aminosulfonyl)-29H,31H-phthalocyanine-C,C,C-trisulfonato(5-)-N29,N30,N31,N32]-, trisodium	72229-81-3	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Nickel, [N,N',N''-tris[4-(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl)phenyl]-29H,31H-phthalocyanine-C,C,C-trisulfonamidato(2-)-N29,N30,N31,N32]-	72252-57-4	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No
Cobaltate(5-), bis[6-amino-5-[[2-hydroxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalenesulfonato(4-)]-, potassium sodium	72269-32-0	Metals		0.1%	D	No
2,7-Naphthalenedisulfonic acid, nickel(2+) salt (1:1)	72319-19-8	Metals		0,5 $\mu\text{g}/\text{cm}^2/\text{week}$	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Mercurate(1-), triiodo-, hydrogen, compound with 3-methyl-2(3H)-benzothiazolimine (1:1)	72379-35-2	Metals, non-essential		0.1%	P	No
C.I. Direct Green 85, C.I.30387	72390-60-4	Pigments		0.003%	P	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-(1-methylethyl)benzenesulfonamidato(2-)]-, sodium	72391-09-4	Metals		0.1%	D	No
Cobaltate(1-), [3-[4-[(5-chloro-2-hydroxyphenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonamidato(2-)][4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-(1-methylethyl)benzenesulfonamidato(2-)]-, sodium	72391-10-7	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-N-(2-ethylhexyl)-3-oxobutanamidato(2-)]-, sodium	72403-31-7	Metals		0.1%	D	No
Cobaltate(1-), [4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)][4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-(1-methylethyl)benzenesulfonamidato(2-)]-, sodium	72403-32-8	Metals		0.1%	D	No
Cobaltate(1-), [3-[4-[(5-chloro-2-hydroxyphenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonamidato(2-)][4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, sodium	72403-33-9	Metals		0.1%	D	No
Cobaltate(1-), bis[3-[4-[(5-chloro-2-hydroxyphenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonamidato(2-)]-, sodium	72403-34-0	Metals		0.1%	D	No
Nickelate(6-), [C-[[[3-[[4,5-dihydro-3-methyl-5-oxo-1-[3-sulfo-4-[2-[2-sulfo-4-[(2,5,6-trichloro-4-pyrimidinyl)amino]phenyl]ethenyl]phenyl]-1H-pyrazol-4-yl]azo]-4-sulfo]phenyl]amino]sulfonyl]-29H,31H-phthalocyanine-C,C,C-trisulfonato(8-)-N29,N30,N31,N32]-,	72453-55-5	Metals		0,5 µg/cm²/week	R	No
Cobaltate(1-), bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxy-N-[3-(1-methylethoxy)propyl]benzenesulfonamidato(2-)]-, sodium	72479-33-5	Metals		0.1%	D	No
Fenoxycarb; Ethyl [2-(4-phenoxyphenoxy)ethyl]carbamate	72490-01-8	Biocides, non-agricultural		0.0001%	R	No
Cobaltate(1-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, sodium	72496-88-9	Metals		0.1%	D	No
C.I. Direct Blue 14, C.I.23850	72-57-1	Pigments		0.003%	P	No
Lead bis(nonylphenolate)	72586-00-6	Metals, non-essential		0.1%	P	No
4-Heptylphenol, branched and linear	72624-02-3	Unclassified		0.1%	R	Yes
Pentacosaflluorotridecanoic acid	72629-94-8	Unclassified		0.1%	R	Yes
Cobaltate(3-), bis[3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, trihydrogen	72797-08-1	Metals		0.1%	D	No
Cobaltate(3-), bis[3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, trihydrogen, compound with 2,2'-iminobis[ethanol] (1:3)	72797-09-2	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(1-), bis[2-[(2-hydroxy-5-nitrophenyl)azo]-3-oxo-N-phenylbutanamidato(2-)]-, hydrogen, compound with 1-butanamine (1:1)	72797-14-9	Metals		0.1%	D	No
N-Dodecyl-N,N-dimethylbenzenemethanaminium bromide	7281-04-1	Biocides	bactericide	0.1%	P	No
C.I. Acid Black 209	72827-68-0	Pigments		0.003%	P	No
Cobaltate(3-), bis[2-[[[4-hydroxy-3-[[2-(phenylamino)-1-naphthalenyl]azo]phenyl]sulfonyl]amino]benzoato(3-)]-, sodium dihydrogen	72829-33-5	Metals		0.1%	D	No
Arsenous acid, lithium salt	72845-34-2	Metals, non-essential		0.01%	R	No
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]-, hydrogen	72845-76-2	Metals		0.1%	D	No
4-Heptylphenol, branched and linear	72861-06-4	Unclassified		0.1%	R	Yes
Fatty acids, coco, cadmium salts	72869-63-7	Metals, non-essential		0.01%	P	No
Prometryne	7287-19-6	Biocides		0.1%	P	No
Cobaltate(1-), bis[3-[(8-hydroxy-5-quinoliny)azo]benzenesulfonato(2-)]-, sodium	72905-57-8	Metals		0.1%	D	No
1,2,3,7,8,9-Hexachloro dibenzofuran	72918-21-9	Impurities		0.000001%	P	No
Cobaltate(1-), [3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)][1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]-, hydrogen	72928-76-8	Metals		0.1%	D	No
Cobaltate(1-), [3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)][1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenolato(2-)]-, hydrogen	72928-77-9	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, hydrogen	72928-91-7	Metals		0.1%	D	No
Trihydrogen bis[5-[[[4-hydroxy-3-[[2-oxo-1-((phenylamino)carbonyl)propyl]azo]phenyl]sulphonyl]amino]naphthalene-2-sulphonato(3-)]cobaltate(3-)	72932-56-0	Metals		0.1%	D	No
Zircon, cadmium yellow	72968-34-4	Metals, non-essential		0.01%	P	No
Nickel, [N,N',N'',N'''-tetrakis[4-(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl)phenyl]-29H,31H-phthalocyanine-C,C,C,C-tetrasulfonamidato(2-)-N29,N30,N31,N32]-	72986-45-9	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(2-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, dihydrogen	72987-06-5	Metals		0.1%	D	No
Cobaltate(2-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, dihydrogen, compound with 2,2'-iminobis[ethanol] (1:2)	72987-07-6	Metals		0.1%	D	No
Cobaltate(3-), bis[2-[[[4-hydroxy-3-[[2-oxo-1-((phenylamino)carbonyl)propyl]azo]phenyl]sulfonyl]amino]benzoato(3-)]-, sodium dihydrogen	73018-84-5	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(5-), bis[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(4-)-], tetrapotassium sodium	73038-30-9	Metals		0.1%	D	No
Tribromodifluoroethane (HBFC)	7304-53-2	Solvents, halogenated	aerosol	0.1%	P	No
2-[2-[2-[2-(4-Nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	7311-27-5	Surface-active agents	surfactant	0.01%	P	Annex XIV
Tolylfluamid; dichloro-N-[(dimethylamino)sulfonyl]fluoro-N-(p-tolyl)methanesulphenamide	731-27-1	Biocides, non-agricultural		0.0001%	R	No
Pentabromobiphenyl (PBB)	73141-48-7	Flame retardant		0.001%	P	No
Cobaltate(1-), [6-amino-5-[(2-hydroxy-4-nitrophenyl)azo]-N-(2-hydroxypropyl)-2-naphthalenesulfonamidato(2-)]1-[(5-chloro-2-hydroxyphenyl)azo]-2-naphthalenolato(2-)-, sodium	73195-17-2	Metals		0.1%	D	No
Lead(2+) octanoate	7319-86-0	Metals, non-essential		0.1%	P	No
2,4,6-Triterbutylphenol	732-26-3	Unclassified	antioxidant	0.1%	P	No
Dibutyltin bis(benzyl maleate)	7324-74-5	Metals, non-essential		0.1% by weight of tin	P	No
2,2',2'',2'''-[Ethane-1,2-diylidene-tetrakis(pphenyleneoxymethylene)] tetraoxirane	7328-97-4	Unclassified		0.1%	D	No
Cobaltate(1-), bis[1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)-], sodium	73297-09-3	Metals		0.1%	D	No
Cobaltate(3-), bis[6-amino-5-[(2-hydroxy-3,5-dinitrophenyl)azo]-1-naphthalenesulfonato(3-)-], sodium dihydrogen	73297-10-6	Metals		0.1%	D	No
Cobaltate(1-), [4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)]8-[(2-hydroxyphenyl)azo]-2-naphthalenolato(2-)-, hydrogen, compound with 3-[(2-ethylhexyl)oxy]-1-propanamine (1:1)	73297-17-3	Metals		0.1%	D	No
Cobaltate(3-), bis[5-chloro-2-hydroxy-3-[[2-oxo-1-(phenylamino)carbonyl]propyl]azo]benzenesulfonato(3-)-, trisodium	73324-01-3	Metals		0.1%	D	No
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxybenzenesulfonamidato(2-)-, hydrogen	73324-02-4	Metals		0.1%	D	No
Quaternary ammonium compounds, di-C8-18-alkyldimethyl, chlorides	73398-64-8	Biocides, non-agricultural		0.1%	P	No
Tripropyltin iodide	7342-45-2	Biocides		0.1%	P	No
Tributyltin iodide	7342-47-4	Biocides		0.0001%	P	No
Cobaltate(2-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]2-[[[4-hydroxy-3-[[2-(phenylamino)-1-naphthalenyl]azo]phenyl]sulfonyl]amino]benzoato(3-)-], sodium hydrogen	73455-76-2	Metals		0.1%	D	No
Cobaltate(1-), bis[methyl 8-[[4-(aminosulfonyl)-2-hydroxy-5-methoxyphenyl]azo]-7-hydroxy-1-naphthalenyl]carbamato(2-)-, sodium	73507-63-8	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] [1-[(2-hydroxy-5-nitrophenyl)azo]-2-naphthalenolato(2-)]-, sodium	73507-66-1	Metals		0.1%	D	No
Cobaltate(1-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)] [1-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenolato(2-)]-, sodium	73507-67-2	Metals		0.1%	D	No
Cobaltate(3-), bis[2-hydroxy-5-nitro-3-[[2-oxo-1-[(phenylamino)carbonyl]propyl]azo]benzenesulfonato(3-)]-, sodium dihydrogen	73507-73-0	Metals		0.1%	D	No
Cobaltate(1-), bis[3-[[1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulfonamidato(2-)]-, sodium	73612-40-5	Metals		0.1%	D	No
Cobaltate(3-), bis[2-[[[3-[[1-[(2-chlorophenyl)amino]carbonyl]-2-oxopropyl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]-, trisodium	73612-41-6	Metals		0.1%	D	No
(+/-)-1-(.beta.-allyloxy-2,4-dichlorophenylethyl)imidazole; Technical grade imazalil	73790-28-0	Biocides, non-agricultural		0.1%	P	No
Antimony oxide (Sb2O3), solid solution with nickel oxide (NiO) and titanium oxide (TiO2)	73892-02-1	Metals		0,5 µg/cm ² /week	R	No
Tributyltin iodoacetate	73927-91-0	Biocides		0.0001%	P	No
Tripropyltin iodoacetate	73927-92-1	Biocides		0.1%	P	No
Tributyltin o-iodobenzoate	73927-93-2	Biocides		0.0001%	P	No
Tributyltin .beta.-iodopropionate	73927-95-4	Biocides		0.0001%	P	No
Tributyltin isoocetylthioacetate	73927-97-6	Biocides		0.0001%	P	No
Tributyltin p-iodobemzoate	73940-88-2	Biocides		0.0001%	P	No
Tributyltin .alpha.-(2,4,5-trichlorophenoxy) propionate	73940-89-3	Biocides		0.0001%	P	No
Glycolic acid, butyl ester	7397-62-8	Unclassified		0.1%	D	No
Cobaltate(1-), bis[2-[4-[(5-chloro-2-hydroxyphenyl)azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonamidato(2-)]-, sodium	74082-15-8	Metals		0.1%	D	No
2,3,4,4,5-Pentabromobiphenyl (PBB)	74114-77-5	Flame retardant		0.001%	P	No
Cobaltate(3-), bis[3-hydroxy-7-nitro-4-[(1,2,3,4-tetrahydro-2,4-dioxo-3-quinoliny)azo]-1-naphthalenesulfonato(3-)]-, trisodium	74196-11-5	Metals		0.1%	D	No
Cobaltate(5-), bis[6-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitro-3-sulfophenyl)azo]-2-naphthalenesulfonato(4-)]-, tetrapotassium sodium	74196-12-6	Metals		0.1%	D	No
Cobaltate(5-), bis[7-hydroxy-8-[(2-hydroxy-5-nitro-3-sulfophenyl)azo]-6-[(2,5,6-trichloro-4-pyrimidinyl)amino]-2-naphthalenesulfonato(4-)]-, pentasodium	74196-13-7	Metals		0.1%	D	No
Cobaltate(7-), bis[4-hydroxy-5-[(2-hydroxy-1-naphthalenyl)azo]-3-[(2-hydroxy-3-nitro-5-sulfophenyl)azo]-2,7-naphthalenedisulfonato(5-)]-, heptasodium	74196-18-2	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(5-), bis[4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-5-[(2,5,6-trichloro-4-pyrimidinyl)amino]-2,7-naphthalenedisulfonato(4-)-], pentasodium	74196-19-3	Metals		0.1%	D	No
Dipotassium O,O'-(4,4'-diaminobiphenyl-3,3'-ylene)diglycollate	74220-10-3	Pigments		0.01%	P	No
Trisodium bis[amino[(2-hydroxy-3,5-dinitrophenyl)azo]naphthalenesulphonato(3-)]cobaltate(3-)	74220-71-6	Metals		0.1%	D	No
Lead stearate	7428-48-0	Metals, non-essential		0.1%	P	No
N,N'-Diphenyl-p-phenylenediamine	74-31-7	Intermediate		0.1%	D	No
C.I. Pigment Red 251	74336-60-0	Pigments	dye	0.1%	D	No
cis-Cyclohexane-1,2-dicarboxylic anhydride	743438-36-0	Intermediate		0.1%	R	Yes
Lead	7439-92-1	Metals, non-essential	additive in oil	0.1%	P	Yes
Mercury	7439-97-6	Metals, non-essential	antifouling dye	0.1%	P	No
Nickel	7440-02-0	Metals	additive in galvanic bath	0,5 µg/cm ² /week	R	No
Plutonium	7440-07-5	Unclassified		0.1%	R	No
Radium	7440-14-4	Unclassified		0.1%	R	No
Silver (Ag)	7440-22-4	Biocides, non-agricultural		0.0001%	R	No
Thallium	7440-28-0	Metals, non-essential	alloy	0.1%	D	No
Thorium	7440-29-1	Unclassified		0.1%	R	No
Antimony	7440-36-0	Metals, non-essential	alloy	0.01%	D	No
Arsenic	7440-38-2	Metals, non-essential	adhesive	0.01%	R	No
Barium	7440-39-3	Metals, non-essential	additive in lubricant	0.1%	D	No
Beryllium	7440-41-7	Metals, non-essential	alloy	0.1%	R	No
Cadmium	7440-43-9	Metals, non-essential	battery	0.01%	P	Yes
Chromium	7440-47-3	Metals	alloy	0.1%	D	No
Cobalt	7440-48-4	Metals	alloy	0.1%	D	No
Copper	7440-50-8	Metals	alloy	0.1%	D	No
Uranium	7440-61-1	Unclassified		0.1%	R	No
Selenium dioxide	7446-08-4	Non-metal	fungicide	0.1%	D	No
Sulfurous acid, lead(2++) salt (1:1)	7446-10-8	Metals, non-essential		0.1%	P	No
Lead(II) sulfate	7446-14-2	Pigments	coating	0.1%	P	No
Lead selenate	7446-15-3	Metals, non-essential		0.1%	P	No
Lead phosphate	7446-27-7	Metals, non-essential	stabilizer	0.1%	P	No
Selenium sulfide	7446-34-6	Non-metal		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(1-), [3-[[1-(4-chlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxy-N-methylbenzenesulfonamidato(2-)]N-[7-hydroxy-8-[[2-hydroxy-5-[(methylamino)sulfonyl]phenyl]azo]-1-naphthalenyl]acetamidato(2-)]-, sodium	74499-63-1	Metals		0.1%	D	No
Zinc chrome cobalt aluminate blue spinel	74665-01-3	Metals		0.1%	D	No
Bromomethane	74-83-9	Solvents, halogenated	aerosol	0.1%	P	No
Chloromethane	74-87-3	Solvents, halogenated	additive in fuel	0.1%	R	No
Mercury(II) chloride	7487-94-7	Metals, non-essential	antiseptic	0.1%	P	No
Lead selenite	7488-51-9	Metals, non-essential		0.1%	P	No
Calcium dihexa-2,4-dienoate	7492-55-9	Biocides, non-agricultural		0.1%	P	No
Chlorobromotrifluoroethane	74925-63-6	Solvents, halogenated		0.1%	P	No
Bromochloromethane	74-97-5	Solvents, halogenated	aerosol	0.1%	P	No
Vinyl chloride	75-01-4	Intermediate, monomers	residual monomer	0.0005%	R	No
Acetonitrile	75-05-8	Unclassified		0.1%	D	No
Acetaldehyde	75-07-0	Intermediate	cleaner	0.1%	D	No
Dichloromethane	75-09-2	Solvents, halogenated	additive in fuel	0.1%	R	No
1-Propanamin, N,N-dipropyl-, cobalt complex	75101-45-0	Metals		0.1%	D	No
Difluoromethane (HFC)	75-10-5	Solvents, halogenated	refrigerant	0.1%	P	No
Dibutyltin hydrogen borate (DBB)	75113-37-0	Metals, non-essential		0.1% by weight of tin	P	No
Formamide	75-12-7	Solvents		0.1%	R	Yes
Carbon disulfide	75-15-0	Solvents	additive	0.1%	R	No
Cobaltate(1-), bis[3-[[1-(2,5-dichlorophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulfonamidato(2-)]-, sodium	75214-67-4	Metals		0.1%	D	No
Cobaltate(5-), bis[4-[4-[[[3-[[4,5-dihydro-3-methyl-5-oxo-1-(4-sulfophenyl)-1H-pyrazol-4-yl]azo]-4-hydroxyphenyl]sulfonyl]amino]phenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonato(4-)]-, pentasodium	75214-71-0	Metals		0.1%	D	No
Cobaltate(3-), bis[4-[4-[4-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]phenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonato(3-)]-, trisodium	75214-72-1	Metals		0.1%	D	No
Cobaltate(3-), bis[4-[4-[4-[[[3-[[4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl]azo]-4-hydroxyphenyl]sulfonyl]amino]phenyl]azo]-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-1-yl]benzenesulfonato(3-)]-, trisodium	75234-42-3	Metals		0.1%	D	No
1,3,5-Tris(tributyltin)-s-triazine-2,4,6-trione	752-58-9	Biocides		0.0001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(5-), bis[4-[[[6-[[4-chloro-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3-hydroxy-7-nitro-1-naphthalenesulfonato(4-)]-, pentasodium	75284-36-5	Metals		0.1%	D	No
2-Bromo-[1,1';2',1'']terphenyl (PBT)	75295-57-7	Flame retardant	capacitor	0.1%	R	No
Cobaltate(2-), [6-amino-5-[(2-hydroxy-4-nitrophenyl)azo]-N-methyl-2-naphthalenesulfonamidato(2-)]][6-amino-5-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenesulfonato(3-)]-, disodium	75314-27-1	Metals		0.1%	D	No
1,1-Dichloroethene	75-35-4	Solvents, halogenated	additive in fuel	0.1%	R	No
Tribromofluoropropane (HBFC)	75372-14-4	Solvents, halogenated	aerosol	0.1%	P	No
Dimethyltin dichloride	753-73-1	Biocides		0.01%	D	No
1,1-Difluoroethane (HFC)	75-37-6	Solvents, halogenated	aerosol	0.1%	P	No
1,1-Difluoroethene (HFC)	75-38-7	Solvents, halogenated	aerosol	0.1%	P	No
Carbonic acid, cobalt salt	7542-09-8	Metals		0.1%	D	No
Dichlorofluoromethane (HCFC)	75-43-4	Solvents, halogenated	aerosol	0.1%	P	No
Chlorodifluoromethane (HCFC)	75-45-6	Solvents, halogenated	aerosol	0.1%	P	No
Mercurous chloride	7546-30-7	Metals, non-essential		0.1%	P	No
Trifluoromethane (HFC)	75-46-7	Solvents, halogenated	refrigerant	0.1%	P	No
Mercury, (2-mercaptoacetamidato-O,S)methyl	7548-26-7	Metals, non-essential		0.1%	P	No
Cobaltate(2-), bis[2-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutanamidato(2-)]-, disodium	75522-91-7	Metals		0.1%	D	No
Iodine (I)	7553-56-2	Biocides, non-agricultural		0.1%	P	No
Cobaltate(2-), bis[3-[[4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulfonamidato(2-)]-, lithium sodium, (OC-6-22')-	75557-21-0	Metals		0.1%	D	No
1,2-Epoxypropane	75-56-9	Intermediate	adhesive	0.1%	R	Yes
Dimethylarsinic acid	75-60-5	Metals, non-essential		0.01%	R	No
Dibromodifluoromethane	75-61-6	Solvents, halogenated		0.1%	P	No
Bromotrichloromethane	75-62-7	Solvents, halogenated		0.1%	P	No
Bromotrifluoromethane (HBFC)	75-63-8	Solvents, halogenated	aerosol	0.1%	P	No
1-Chloro-1,1-difluoroethane (HCFC)	75-68-3	Solvents, halogenated	aerosol	0.1%	P	No
Trichlorofluoromethane (CFC)	75-69-4	Solvents, halogenated	aerosol	0.1%	P	No
Dichlorodifluoromethane (CFC)	75-71-8	Solvents, halogenated	aerosol	0.1%	P	No
Chlorotrifluoromethane (CFC)	75-72-9	Solvents, halogenated	aerosol	0.1%	P	No
Tetrafluoromethane (PFC)	75-73-0	Solvents, halogenated	foam	0.1%	P	No
Tetramethyllead	75-74-1	Metals, non-essential		0.1%	P	No
Cobaltate(1-), bis[1-[(2-hydroxyphenyl)azo]-2-naphthalenolato(2-)]-, sodium	75752-30-6	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Phosphonium, triphenyl(phenylmethyl)-, salt with 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1)	75768-65-9	Unclassified		0.1%	D	No
Lead, bis(diphenylcarbamodithioato-S,S')-, (T-4)-	75790-73-7	Metals, non-essential		0.1%	P	No
2-Ethylhexanoic acid, nickel salt	7580-31-6	Metals		0,5 µg/cm ² /week	R	No
1,2-Dibromo-1,1-difluoroethane (HBFC)	75-82-1	Solvents, halogenated	aerosol	0.1%	P	No
1-Bromo-1-chloro-2,2-difluoroethylene	758-24-7	Solvents, halogenated		0.1%	P	No
2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulfophenyl)azo]-3-hydroxy-, barium salt (1:1)2-Naphthalenecarboxylic acid, 4-[(5-chloro-4-methyl-2-sulfophenyl)azo]-3-hydroxy-, barium salt (1:1)	7585-41-3	Metals, non-essential		0.1%	D	No
2-Chloro-1,1,1-trifluoroethane (HCFC)	75-88-7	Solvents, halogenated	aerosol	0.1%	P	No
Pentabromoethane	75-95-6	Solvents, halogenated		0.1%	P	No
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	Unclassified		0.01%	D	No
C.I. Direct Green 8:1	76012-70-9	Pigments		0.003%	P	No
Pentachloroethane	76-01-7	Solvents, halogenated	additive in fuel	0.1%	R	No
Sodium Perchlorate	7601-89-0	Propellant		0.1%	R	No
1,1,1,2-Tetrachloro-2,2-difluoroethane (CFC)	76-11-9	Solvents, halogenated	aerosol	0.1%	P	No
1,1,1,2-Tetrachloro-1,2-difluoroethane (CFC)	76-12-0	Solvents, halogenated	aerosol	0.1%	P	No
1,1,2-Trichloro-1,2,2-trifluoroethane (CFC)	76-13-1	Solvents, halogenated	aerosol	0.1%	P	No
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC)	76-14-2	Solvents, halogenated	aerosol	0.1%	P	No
Chloropentafluoroethane (CFC)	76-15-3	Solvents, halogenated	aerosol	0.1%	P	No
Perfluoroethane (PFC)	76-16-4	Solvents, halogenated	foam	0.1%	R	No
Perchloric acid, mercury(2+) salt	7616-83-3	Propellant		0.1%	P	No
1,2,3-Trichloropentafluoropropane (CFC)	76-17-5	Solvents, halogenated		0.1%	P	No
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane (CFC)	76-18-6	Solvents, halogenated		0.1%	P	No
Octafluoropropane (PFC)	76-19-7	Solvents, halogenated	insulation	0.1%	R	No
Sodium [3-[[[(3-carboxylatopropionamido)carbonyl]amino]-2-methoxypropyl]hydroxymercurate(1-)]	7620-30-6	Metals, non-essential		0.1%	P	No
1-Bromo-2-fluoroethane (HBFC)	762-49-2	Solvents, halogenated	aerosol	0.1%	P	No
Monomethyltetrachlorodiphenyl methane	76253-60-6	Flame retardant	dielectric fluid	0.1%	P	No
Silicon dioxide	7631-86-9			0.01%	D	No
Sodium arsenate	7631-89-2	Metals, non-essential		0.01%	R	No
Sodium hydrogensulphite; Sodium bisulphite	7631-90-5	Biocides, non-agricultural		0.1%	P	No
Sodium nitrite	7632-00-0	Metals	azo dye	0.1%	D	No
Perboric acid, sodium salt	7632-04-4	Biocides, non-agricultural	bleaching agent	0.1%	R	Yes

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Heptachlor (ISO)	76-44-8	Biocides	insecticide	0.1%	P	No
Lead arsenate, unspecified	7645-25-2	Metals, non-essential		0.1%	P	No
Cobalt dichloride	7646-79-9	Metals		0.1%	R	Yes
Sodium bromide	7647-15-6	Biocides, non-agricultural		0.1%	P	No
Bis[N-(2-hydroxyethyl)-N-methylglycinato-N,O,oxo]nickel	76625-10-0	Metals		0,5 µg/cm ² /week	R	No
Hydrofluoric acid (HF)	7664-39-3	Non-chlorinated halogen	etching	0.1%	D	No
Disodium [5-[[1-(anilinoacetyl)-2-oxopropyl]azo]-4-hydroxy-3-nitrobenzenesulphonato(3-)] [2-[(2-hydroxy-5-nitrophenyl)azo]-3-oxo-N-phenylbutyramidato(2-)]cobaltate(2-)	76762-27-1	Metals		0.1%	D	No
Sodium fluoride	7681-49-4	Unclassified		0.1%	D	No
Disodium disulphite; Disodium disulfite	7681-57-4	Biocides, non-agricultural		0.1%	P	No
Triphenyltin hydroxide	76-87-9	Biocides	antifouling dye	0.1%	P	No
C.I. Direct Brown 223	76930-14-8	Pigments		0.003%	P	No
Nitric acid	7697-37-2	Unclassified		0.01%	D	No
Phenolphthalein	77-09-8	Unclassified		0.1%	R	Yes
3,3,4,4-Tetrabromobiphenyl (PBB)	77102-82-0	Flame retardant		0.001%	P	No
Lead(4+) stearate	7717-46-6	Metals, non-essential		0.1%	P	No
Nickel chloride	7718-54-9	Metals		0,5 µg/cm ² /week	R	No
Potassium permanganate	7722-64-7	Biocides, non-agricultural	disinfectant	0.01%	D	No
Nickel, bis[[didecyl (1,2-dicyano-1,2-ethenediyl)bis(carbamato)](2-)]-	77245-35-3	Metals		0,5 µg/cm ² /week	R	No
Ammonium persulfate	7727-54-0			0.01%	D	No
Chromic(VI) acid	7738-94-5	Metals, non-essential	coating	0.01%	P	Annex XIV
Methylacrylamidoglycolate methyl ether	77402-03-0	Intermediate, monomers	polymer	0.01%	D	No
Phenol, 4,4'-(1-methylpropylidene)bis-	77-40-7	Unclassified		0.01%	D	No
Asbestos, Actinolite	77536-66-4	Fibres	filler	0.1%	P	No
Asbestos, Anthophyllite	77536-67-5	Fibres	filler	0.1%	P	No
Asbestos, Tremolite	77536-68-6	Fibres	filler	0.1%	P	No
Mercury(2+) (9Z,12Z)-octadeca-9,12-dienoate	7756-49-2	Metals, non-essential		0.1%	P	No
Sodium sulphite	7757-83-7	Biocides, non-agricultural		0.1%	P	No
Nickel(2+) sulphite	7757-95-1	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Potassium nitrite	7758-09-0	Metals		0.1%	D	No
Dibutyltin dilaurate	77-58-7	Metals, non-essential	antifouling dye	0.1% by weight of tin	P	No
Lead chloride	7758-95-4	Metals, non-essential		0.1%	P	No
Lead chromate	7758-97-6	Pigments	colouring agent	0.01%	P	Annex XIV
Copper sulfate	7758-98-7	Biocides		0.1%	P	No
Copper sulphate pentahydrate	7758-99-8	Biocides		0.1%	P	No
Lead tungsten oxide	7759-01-5	Metals, non-essential		0.1%	P	No
Silver nitrate	7761-88-8	Biocides, non-agricultural		0.0001%	R	No
N-Pentyl-isopentylphthalate	776297-69-9	Plasticisers		0.01%	P	Annex XIV
Cobaltate(3-), bis[6-amino-5-[(2-hydroxy-4-nitrophenyl)azo]-2-naphthalenesulfonato(3-)]-, trisodium	77630-54-7	Metals		0.1%	D	No
Mercuric iodide	7774-29-0	Metals, non-essential		0.1%	P	No
Arsenic acid	7774-41-6	Metals, non-essential		0.1%	P	Annex XIV
Sodium chromate	7775-11-3	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Dimethyl sulphate	77-78-1	Intermediate	dye	0.1%	R	Yes
Arsenic acid	7778-39-4	Metals, non-essential		0.01%	P	Annex XIV
Arsenic acid (H3AsO4), copper(2+) salt (2:3)	7778-41-8	Metals, non-essential		0.01%	R	No
Disodium hydrogen arsenate (Arsenic acid (H3AsO4), sodium salt (1:2))	7778-43-0	Metals, non-essential		0.01%	R	No
Calcium arsenate	7778-44-1	Metals, non-essential		0.01%	R	Yes
Potassium dichromate	7778-50-9	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Potassium pentachlorophenate (PCP)	7778-73-6	Biocides, non-agricultural	antiseptic	0.0005%	P	No
Potassium perchlorate	7778-74-7	Propellant	explosives	0.1%	R	No
Selenium	7782-49-2	Non-metal	additive	0.1%	D	No
Chlorine	7782-50-5	Biocides, non-agricultural	disinfectant	0.1%	D	No
Selenious acid	7783-00-8	Non-metal		0.1%	D	No
Hydrogen selenide	7783-07-5	Non-metal		0.1%	D	No
Selenic acid	7783-08-6	Non-metal		0.1%	D	No
Ammonium-sulphate	7783-20-2			0.01%	D	No
Mercurous iodide	7783-30-4	Metals, non-essential		0.1%	P	No
Mercury diiodate	7783-32-6	Metals, non-essential		0.1%	P	No
Mercury(II) potassium iodide	7783-33-7	Metals, non-essential		0.1%	P	No
Mercury (II) nitrate, monohydrate	7783-34-8	Metals, non-essential		0.1%	P	No
Mercuric sulfate	7783-35-9	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Mercurous sulfate	7783-36-0	Metals, non-essential		0.1%	P	No
Mercury fluoride (HgF ₂)	7783-39-3	Metals, non-essential		0.1%	P	No
Lead fluoride	7783-46-2	Metals, non-essential		0.1%	P	No
Lead(IV) fluoride	7783-59-7	Metals, non-essential		0.1%	P	No
Selenium hexafluoride	7783-79-1	Non-metal		0.1%	D	No
Silver chloride	7783-90-6	Biocides, non-agricultural		0.0001%	R	No
Silver nitrite	7783-99-5	Metals		0.1%	D	No
Silver chromate	7784-01-2	Metals, non-essential		0.1%	P	No
Mercury disilver tetraiodide	7784-03-4	Metals, non-essential		0.1%	P	No
Trisilverarsenite	7784-08-9	Metals, non-essential		0.01%	R	No
Arsenic bromide	7784-33-0	Metals, non-essential		0.01%	R	No
Arsenous trichloride	7784-34-1	Metals, non-essential		0.01%	R	No
Trifluoroarsine	7784-35-2	Metals, non-essential		0.01%	R	No
Pentafluoroarsorane	7784-36-3	Metals, non-essential		0.01%	R	No
Mercuric arsenate	7784-37-4	Metals, non-essential		0.1%	P	No
Manganese hydrogenarsenate	7784-38-5	Metals, non-essential		0.01%	R	No
Lead hydrogen arsenate	7784-40-9	Metals, non-essential		0.1%	P	Yes
Potassium arsenate	7784-41-0	Metals, non-essential		0.01%	R	No
Arsin	7784-42-1	Metals, non-essential		0.01%	R	No
Ammonium arsenate	7784-44-3	Metals, non-essential		0.01%	R	No
Arsenous triiodide	7784-45-4	Metals, non-essential		0.01%	R	No
Sodium arsenite	7784-46-5	Metals, non-essential		0.01%	R	No
Sulfuric acid, ammonium nickel(2+) salt	7785-20-8	Metals		0,5 µg/cm ² /week	R	No
Pentahydroxyarsorane	7786-36-9	Metals, non-essential		0.01%	R	No
Nickel(II) sulfate	7786-81-4	Metals	battery	0,5 µg/cm ² /week	R	No
Barium fluoride	7787-32-8	Metals, non-essential		0.1%	D	No
Permanganic acid (HMnO ₄), barium salt	7787-36-2	Metals, non-essential		0.1%	D	No
Beryllium bromide (BeBr ₂)	7787-46-4	Metals, non-essential		0.1%	R	No
Beryllium chloride	7787-47-5	Metals, non-essential		0.1%	R	No
Beryllium fluoride	7787-49-7	Metals, non-essential		0.1%	R	No
Beryllium iodide (BeI ₂)	7787-53-3	Metals, non-essential		0.1%	R	No
Beryllium nitrate trihydrate	7787-55-5	Metals, non-essential		0.1%	R	No
Beryllium sulfate tetrahydrate	7787-56-6	Metals, non-essential		0.1%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Ammonium chromate	7788-98-9	Metals, non-essential		0.1%	P	No
Potassium chromate	7789-00-6	Corrosion inhibitors	colouring agent	0.01%	P	Annex XIV
Strontium chromate (VI)	7789-06-2	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Ammonium dichromate	7789-09-5	Corrosion inhibitors	dye	0.01%	P	Annex XIV
Mercury dichromate	7789-10-8	Metals, non-essential		0.1%	P	No
Sodium dichromate dihydrate	7789-12-0	Corrosion inhibitors	coating	0.01%	P	Annex XIV
Cadmium bromide	7789-42-6	Metals, non-essential		0.01%	P	No
Cobaltous bromide	7789-43-7	Metals		0.1%	D	No
Mercuric bromide	7789-47-1	Metals, non-essential		0.1%	P	No
Nickel bromide (NiBr ₂), trihydrate	7789-49-3	Metals		0,5 µg/cm ² /week	R	No
Calcium fluoride	7789-75-5	Unclassified		0.1%	D	No
Cadmium chloride, hydrate (2:5)	7790-78-5	Metals, non-essential		0.01%	P	Yes
Cadmium fluoride (CdF ₂)	7790-79-6	Metals, non-essential		0.01%	P	Yes
Cadmium iodide	7790-80-9	Metals, non-essential		0.01%	P	No
Cadmium iodate	7790-81-0	Metals, non-essential		0.01%	P	No
Cadmium sulfate, hydrate	7790-84-3	Metals, non-essential		0.01%	P	Yes
Cadmium tungsten oxide (CdWO ₄)	7790-85-4	Metals, non-essential		0.01%	P	No
Ammonium perchlorate	7790-98-9	Propellant	explosives	0.1%	R	No
2,2,3,4,6-Pentabromobiphenyl (PBB)	77910-04-4	Flame retardant		0.001%	P	No
Lithium perchlorate	7791-03-9	Propellant	electrolyte	0.1%	R	No
Cobalt dichloride hexahydrate	7791-13-1	Metals		0.1%	D	No
Nickel dichloride, hexahydrate	7791-20-0	Metals		0,5 µg/cm ² /week	R	No
1,1-Dichloro-1-fluoropropane (HCFC)	7799-56-6	Solvents, halogenated		0.1%	P	No
Tetraethyllead	78-00-2	Metals, non-essential	fuel	0.1%	P	Yes
Hydrazine monohydrate	7803-57-8	Intermediate		0.1%	R	Yes
Dibutyltin maleate	78-04-6	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin mercaptopropionate	78-06-8	Metals, non-essential		0.1% by weight of tin	P	No
Dibutyltin mercaptoacetate	78-20-6	Metals, non-essential		0.1% by weight of tin	P	No
Phosphoric acid, tris(2-methylphenyl) ester	78-30-8	Unclassified		0.1%	D	No
Tris(2-ethylhexyl) phosphate	78-42-2	Flame retardant	plastic	0.1%	D	No
1-[1,3-bis(hydroxymethyl)-2,5-dioximidazolidin-4-yl]-1,3-bis(hydroxymethyl)urea; Diazolidinylurea	78491-02-8	Biocides, non-agricultural		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)- (other PFOA)	78560-44-8			0.1%	D	No
3,5,5-Trimethyl-2-cyclohexenone	78-59-1	Unclassified		0.01%	D	No
Di-tert-butyl 1,1,4,4-tetramethyltetramethylene diperoxide	78-63-7	Unclassified		0.1%	D	No
Pigment Lightfast Lead-Molybdate Orange OS (9CI)	78690-68-3	Pigments	colouring agent	0.1%	P	No
2-Methyl-1,3-butadiene	78-79-5	Unclassified	rubber	0.01%	D	No
2-Methyl-1-propanol	78-83-1	Unclassified		0.1%	D	No
1-Chloro-2-[2,2,2-trichloro-1-(4-chlorophenyl)ethyl]-benzene (DDT)	789-02-6	Biocides	insecticide	0.1%	R	No
2-Butanol	78-92-2	Unclassified		0.1%	D	No
2-Butanone	78-93-3	Unclassified		0.01%	D	No
1,1,2-Trichloroethane	79-00-5	Solvents, halogenated	additive in fuel	0.1%	R	No
Trichloroethene	79-01-6	Solvents, halogenated	degreasing agent	0.01%	P	Annex XIV
Acrylamide	79-06-1	Intermediate, monomers	paint	0.1%	R	Yes
2-Chloroacetamide	79-07-2	Biocides, non-agricultural		0.1%	P	No
Tetrahydrogen [[[3-amino-4-sulphophenyl]amino]sulphonyl]-29H,31H-phthalocyaninetrisulphonato(6-)-N29,N30,N31,N32]nickelate(4-)	79102-62-8	Metals		0,5 µg/cm ² /week	R	No
Acrylic acid	79-10-7	Intermediate, monomers	adhesive	0.1%	D	No
Bis(4-benzoyl-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-onato-O,O')(2,2,4,4-tetramethyl-7-oxa-3,20-diazadispiro[5.1.11.2]hencosan-21-one-O21)nickel	79121-51-0	Metals		0,5 µg/cm ² /week	R	No
Trisodium bis[amino[(2-hydroxy-3,5-dinitrophenyl)azo]naphthalenesulphonato(3-)]cobaltate(3-)	79135-28-7	Metals		0.1%	D	No
N-Methylacetamide	79-16-3	Unclassified		0.1%	R	Yes
Bis(6-methylheptane-2,4-dionato-O,O')cobalt	79215-59-1	Metals		0.1%	D	No
Tetrabromoethene	79-28-7	Solvents, halogenated		0.1%	P	No
N-1,3-Dimethylbutyl-N'-phenyl-p-phenylenediamine	793-24-8			0.01%	D	No
L-(+)-lactic acid	79-33-4	Biocides, non-agricultural		0.1%	P	No
1,1,2,2-Tetrachloroethane	79-34-5	Solvents, halogenated	additive in fuel	0.1%	R	No
Lead, (2-methyl-4,6-dinitrophenolato-O1)(nitrato-O)-mu.-oxodi-, monohydrate	79357-62-3	Metals, non-essential		0.1%	P	No
Aluminum, triethyl-, reaction products with nickel(2+) bis(2-ethylhexanoate)	79357-65-6	Metals		0,5 µg/cm ² /week	R	No
Chlorotrifluoroethylene (CFC)	79-38-9	Solvents, halogenated		0.1%	P	No
Dodecabromoterphenyl (PBT)	79596-31-9	Flame retardant	capacitor	0.1%	R	No
2,5-di-tert-Pentylhydroquinone	79-74-3	Unclassified		0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel,[6,8,16,18-tetrachloro-1,11-bis(2-furanylmethyl)-1,10,11,20-tetrahydroibenzo[c,]dipyrazolo[3,4-f:3',4'-m][1,2,5,8,9,12]hexaazacyclotetradecinato(2-)-N5,N10,N15,N20]-	79745-01-0	Metals		0,5 µg/cm ² /week	R	No
Lead, C3-13-fatty acid naphthenate complexes	79803-79-5	Metals, non-essential		0.1%	P	No
Cobaltate(5-), bis[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(4-)-], pentasodium	79817-88-2	Metals		0.1%	D	No
Pentapotassium bis[5-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]naphthalene-2,7-disulphonato(4-)]cobaltate(5-)	79817-89-3	Metals		0.1%	D	No
Nickelate(3-), [5-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-4-hydroxy-3-[(2-hydroxy-3-nitro-5-sulfophenyl)azo]-2,7-naphthalenedisulfonato(5-)-], trisodium	79817-91-7	Metals		0,5 µg/cm ² /week	R	No
Tetrabromobisphenol A (TBBPA)	79-94-7	Flame retardant	plastic	0.01%	D	No
Campechlore	8001-35-2	Biocides	herbicide	0.1%	P	No
Quarternary ammonium compounds, alkylbenzylidimethyl, chlorides	8001-54-5	Biocides	surfactant	0.1%	P	No
Creosote	8001-58-9	Complex mixtures	bitumen	0.0001%	R	No
Petroleum	8002-05-9	Complex mixtures		0.1%	D	No
Tall Oil	8002-26-4	Unclassified		0.1%	D	No
Phenylmercury hydroxide--phenylmercury nitrate	8003-05-2	Metals, non-essential		0.1%	P	No
C.I. Mordant Yellow 16	8003-87-0	Pigments		0.003%	P	No
C.I. Acid Red 158, C.I.20530	8004-55-5	Pigments		0.003%	P	No
Acid Black 7	8004-59-9	Pigments		0.01%	P	No
4,4'-Isopropylidenediphenol	80-05-07	Unclassified		0.1%	D	No
C.I. Acid Red 115, C.I.27200	8005-61-6	Pigments		0.003%	P	No
C.I. Direct Red 72, C.I.29200	8005-64-9	Pigments		0.003%	P	No
Bisphenol A (BPA)	80-05-7	Intermediate	antioxidant	0.02%	R	Yes
C.I. Acid Red 104, C.I.26420	8006-06-2	Pigments		0.003%	P	No
Turpentine, oil	8006-64-2	Solvents	paint	0.1%	D	No
Antimony nickel titanium oxide yellow	8007-18-9	Pigments		0,5 µg/cm ² /week	R	No
Bisphenol S	80-09-1	Unclassified		0.01%	D	No
C.I. Pigment Green 19	8011-87-8	Pigments		0.1%	D	No
Pyrochlore, antimony lead yellow	8012-00-8	Pigments	dye	0.1%	P	Yes
C.I. Direct Brown 74, C.I.36300	8014-91-3	Pigments		0.003%	P	No
1-Methyl-1-phenylethyl-hydroperoxide	80-15-9	Intermediate	catalyst	0.1%	D	No
Tall oil pitch	8016-81-7	Unclassified		0.1%	D	No
2,2,4,5,6-Pentabromophenyl (PBB)	80274-92-6	Flame retardant		0.001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Flue dust, arsenic-contg.	8028-73-7	Metals, non-essential		0.01%	R	No
Dicumyl peroxide	80-43-3	Intermediate	catalyst	0.01%	D	No
4-(1,1-Dimethylpropyl)-phenol	80-46-6	Unclassified		0.1%	R	Yes
Cadmium Zink Sulfide Yellow	8048-07-5	Pigments		0.01%	P	No
Colophony	8050-09-7	Complex mixtures	adhesive	0.01%	D	No
Resin acids and Rosin acids, hydrogenated, methyl esters	8050-15-5	Complex mixtures		0.1%	D	No
4,4'-Oxydi(benzenesulphonohydrazide)	80-51-3	Solvents	blowing agent	0.1%	D	No
Methyl methacrylate	80-62-6	Intermediate, monomers	adhesive	0.01%	D	No
Bufencarb	8065-36-9	Biocides	insecticide	0.1%	D	No
Etofenprox	80844-07-1	Biocides	insecticide	0.0001%	R	No
1-(1,1-Dimethylethyl)-3,5-dimethyl-2,4,6-trinitrobenzene	81-15-2	Amines		0.1%	P	Annex XIV
Lead formate	811-54-1	Metals, non-essential		0.1%	P	No
Monomethyldichlorodiphenyl methane	81161-70-8	Flame retardant	dielectric fluid	0.1%	P	No
2-Aminonaphthalene-1-sulphonic acid	81-16-3	Amines		0.1%	R	No
Trimethyltin iodide	811-73-4	Biocides		0.1%	P	No
1,1,2-Trichloro-1-fluoroethane (HCFC)	811-95-0	Solvents, halogenated	aerosol	0.1%	P	No
1,1,1,2-Tetrafluoroethane (HFC)	811-97-2	Solvents, halogenated	refrigerant	0.1%	P	No
1,1-Dichloro-1,2,2-trifluoroethane (HCFC)	812-04-4	Solvents, halogenated		0.1%	P	No
Bis[2-[(5-chloro-2-pyridyl)azo]-5-(diethylamino)phenolato]cobalt(1+) chloride	81342-98-5	Metals		0.1%	D	No
Cobaltate(1-), bis[2-[(2-hydroxy-4-nitrophenyl)azo]-3-oxo-N-phenylbutanamidato(2-)]-, sodium	81361-02-6	Metals		0.1%	D	No
2,2,4,4,5-Pentabromobiphenyl (PBB)	81397-99-1	Flame retardant		0.001%	P	No
Fatty acids, C9-11-branched, lead salts	81412-57-9	Metals, non-essential		0.1%	P	No
Lead dipropionate	814-70-0	Metals, non-essential		0.1%	P	No
Cadmium oxalate	814-88-0	Metals, non-essential		0.01%	P	No
Ethanedioic acid, cobalt(2+) salt (1:1)	814-89-1	Metals		0.1%	D	No
Lead oxalate	814-93-7	Metals, non-essential		0.1%	P	No
Butanedioic acid, 2,3-dihydroxy- [R-(R*,R*)]-, lead(2+) salt (1:1)	815-84-9	Metals, non-essential		0.1%	P	No
Lead malate	816-68-2	Metals, non-essential		0.1%	P	No
Tributyl tetradecyl phosphonium chloride	81741-28-8	Biocides		0.1%	P	No
Dibutyltin oxide	818-08-6	Metals, non-essential		0.1% by weight of tin	P	No
Hydroxyethyl acrylate	818-61-1	Intermediate, monomers	adhesive	0.1%	D	No
1,1,3-Trichloro-1-fluoropropane (HCFC)	818-99-5	Solvents, halogenated	aerosol	0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead dibutyrate	819-73-8	Metals, non-essential		0.1%	P	No
Hydroxyl-2-pyridone	822-89-9	Biocides, non-agricultural		0.1%	P	No
Hydrogen bis[5,8-dichloro-2-[(2-hydroxy-4-nitrophenyl)azo]-1-naphtholato(2-)]cobaltate(1-), compound with cyclohexylamine (1:1)	82338-72-5	Metals		0.1%	D	No
Hydrogen bis[5,8-dichloro-2-[(2-hydroxy-5-nitrophenyl)azo]-1-naphtholato(2-)]cobaltate(1-), compound with cyclohexylamine (1:1)	82338-74-7	Metals		0.1%	D	No
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, sodiumsalt (PFHxS)	82382-12-5	Solvents, halogenated		0.1%	R	Yes
Cobaltate(3-), [4-amino-3-[(2-hydroxy-3,5-dinitrophenyl)azo]-1-naphthalenesulfonato(3-)][5-amino-6-[(2-hydroxy-3,5-dinitrophenyl)azo]-1-naphthalenesulfonato(3-)]-, trisodium	82457-28-1	Metals		0.1%	D	No
Cobaltate(3-), bis[2-[[[4-hydroxy-3-[[2-(phenylamino)-1-naphthalenyl]azo]phenyl]sulfonyl]amino]benzoato(3-)]-, trisodium	82556-12-5	Metals		0.1%	D	No
Cobaltate(2-), [2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)][2-[[[4-hydroxy-3-[[2-(phenylamino)-1-naphthalenyl]azo]phenyl]sulfonyl]amino]benzoato(3-)]-, disodium	82556-13-6	Metals		0.1%	D	No
Bifenthrin	82657-04-3	Biocides		0.0001%	R	No
Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy- (other PFOA)	83048-65-1			0.1%	D	No
Lithium bis[2-[[5-(aminosulphonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutyramidato(2-)]cobaltate(1-)	83249-68-7	Metals		0.1%	D	No
Sodium [2-[[5-(aminosulphonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutylamidato(2-)][3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83249-69-8	Metals		0.1%	D	No
Hydrogen [2-[[5-(aminosulphonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutylamidato(2-)][3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83249-70-1	Metals		0.1%	D	No
Sodium bis[3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83249-71-2	Metals		0.1%	D	No
Lithium bis[3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83249-72-3	Metals		0.1%	D	No
Hydrogen bis[3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83249-73-4	Metals		0.1%	D	No
Lithium [2-[[5-(aminosulphonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutylamidato(2-)][3-[[1-(benzothiazol-2-yl)-2-oxopropyl]azo]-4-hydroxybenzenesulphonamidato(2-)]cobaltate(1-)	83270-30-8	Metals		0.1%	D	No
Acenaphthene (PAH)	83-32-9	Impurities		0.001%	R	No
Cobaltate(5-), bis[4-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-[[4-chloro-6-[[4-[4,5-dihydro-4-[(2-hydroxy-5-sulfophenyl)azo]-3-methyl-5-oxo-1H-pyrazol-1-yl]phenyl]amino]-1,3,5-triazin-2-yl]amino]benzenesulfonato(4-)]-, pentasodium	83417-32-7	Metals		0.1%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cobaltate(7-), [5-[[4-chloro-6-[[5-[[5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfophenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[[2-hydroxy-5-sulfophenyl)azo]-2,7-naphthalenedisulfonato(6-)]][4-[[5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-	83417-33-8	Metals		0.1%	D	No
Cobaltate(9-), bis[5-[[4-chloro-6-[[5-[[5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfophenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[[2-hydroxy-5-sulfophenyl)azo]-2,7-naphthalenedisulfonato(6-)]-, nonasodium	83417-34-9	Metals		0.1%	D	No
Cobalt, C5-23-branched carboxylate C4-10-fatty acid naphthenate complexes	83711-42-6	Metals		0.1%	D	No
Cobalt, C5-23-branched carboxylate naphthenate complexes	83711-43-7	Metals		0.1%	D	No
Cobalt, C5-23-branched carboxylate naphthenate octanoate complexes	83711-44-8	Metals		0.1%	D	No
Lead, C5-23-branched carboxylate C4-10-fatty acid naphthenate complexes	83711-45-9	Metals, non-essential		0.1%	P	No
Lead, C5-23-branched carboxylate naphthenate complexes	83711-46-0	Metals, non-essential		0.1%	P	No
Lead, C5-23-branched carboxylate naphthenate octanoate complexes	83711-47-1	Metals, non-essential		0.1%	P	No
Lithium bis[2-[[2-hydroxy-5-nitrophenyl)azo]-3-oxo-N-phenylbutyramidato(2-)]cobaltate(1-)	83733-13-5	Metals		0.1%	D	No
Trisodium bis[4-hydroxy-3-nitro-5-[[2-oxo-1-((phenylamino)carbonyl)propyl]azo]benzenesulphonato(3-)]cobaltate(3-)	83733-22-6	Metals		0.1%	D	No
Diammonium pentahydrogen bis[4-hydroxy-3-[[2-hydroxy-5-nitrophenyl)azo]-7-[[3-phosphonophenyl)amino]naphthalene-2-sulphonato(5-)]cobaltate(7-)	83803-62-7	Metals		0.1%	D	No
Sodium bis[3-[[4,5-dihydro-3-methyl-1-(4-nitrophenyl)-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxybenzenesulphonamidato(2)]cobaltate(1-)	83803-65-0	Metals		0.1%	D	No
Trisodium bis[3-[[5-amino-3-methyl-1-phenyl-1H-pyrazol-4-yl)azo]-5-chloro-4-hydroxy-N-[2-(sulphooxy)ethyl]benzenesulphonamidato(3-)]cobaltate(3-)	83804-04-0	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[[2-hydroxy-1-naphthalenyl)azo]-N-methylbenzenesulphonamidato(2-)]-, sodium	83804-07-3	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[[2-hydroxy-1-naphthalenyl)azo]-N-methylbenzenesulphonamidato(2-)]-, lithium	83804-08-4	Metals		0.1%	D	No
Cobaltate(1-), [4-hydroxy-3-[[2-hydroxy-1-naphthalenyl)azo]benzenesulphonamidato(2-)]][4-hydroxy-3-[[5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]benzenesulfonamide, -dioxidato(2-)]-, sodium	83817-76-9	Metals		0.1%	D	No
Sodium bis[4-hydroxy-3-[[5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]-N-methylbenzenesulphonamide S,S-dioxidato(2-)]cobaltate(1-)	83817-78-1	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[[5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]benzenesulfonamide, -dioxidato(2-)]-, sodium	83817-79-2	Metals		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Ammonium bis[4-hydroxy-3-[(5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]-N-methylbenzenesulphonamide S,S-dioxidato(2-)]cobaltate(1-)	83847-05-6	Metals		0.1%	D	No
Cobaltate(1-), bis[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-methylbenzenesulfonamidato(2-)]-, ammonium	83847-06-7	Metals		0.1%	D	No
Bis(N,N-dimethylpropane-1,3-diamine-N')[29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]cobalt	83863-97-2	Metals		0.1%	D	No
Bis(N,N-dimethylpropane-1,3-diamine-N')[2,3,9,10,16,17,23,24-octahydro-29H,31H-tetrakis[1,4-dithiino[2,3-b:2',3'-g:2'',3''-l:2''',3'''-q]porphyrizinato(2-)-N29,N30,N31,N32]cobalt	83863-98-3	Metals		0.1%	D	No
Nickel, bis[(cyano-C)triphenylborato(1-)-N]bis(hexanedinitrile-N,N')-	83864-02-2	Metals		0,5 µg/cm ² /week	R	No
Cobaltate(1-), bis[4-hydroxy-3-[(5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]benzenesulfonamide, -dioxidato(2-)]-, ammonium	83864-23-7	Metals		0.1%	D	No
Cobaltate(1-), [4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]benzenesulfonamidato(2-)] [4-hydroxy-3-[(5-hydroxynaphth[2,1-d]-1,3-oxathiol-4-yl)azo]benzenesulfonamide, -dioxidato(2-)]-, ammonium	83864-24-8	Metals		0.1%	D	No
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	Amines	antioxidant	0.1%	R	Yes
(Ethylenediamine-N)(1-imino-1H-isoindol-3-aminato-N2)[29H,31H-phthalocyaninato-N29,N30,N31,N32]cobalt	83898-69-5	Metals		0.1%	D	No
Dimethoxy[29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]nickel	83898-70-8	Metals		0,5 µg/cm ² /week	R	No
2,2,3,3,5,5,6,6-Octabromo-4-phenoxybiphenyl	83929-69-5	Flame retardant		0.001%	P	No
Undecabromoterphenyl (PBT)	83929-80-0	Flame retardant	capacitor	0.1%	R	No
C.I. Disperse Yellow 218	83929-90-2	Pigments		0.003%	P	No
Cobalt bis(nonylphenolate)	83970-30-3	Metals		0.1%	D	No
Bis(acetato-O)[.mu.-[1,3-dioxane-2,5-diylbis(methylene)-c:c',O,O']]dimercury	84029-43-6	Metals, non-essential		0.1%	P	No
Hydrogen bis[2-[(2-hydroxy-5-nitrophenyl)azo]-3-oxo-N-phenylbutyramidato(2-)]cobaltate(1-), compound with 2,2'-dodecyliminobis[ethanol] (1:1)	84030-58-0	Metals		0.1%	D	No
Hydrogen bis[2,4-dihydro-4-[(2-hydroxy-4-nitrophenyl)azo]-5-methyl-2-phenyl-3H-pyrazol-3-onato(2-)]cobaltate(1-)	84030-59-1	Metals		0.1%	D	No
Trisodium bis[6-amino-5-[(2-hydroxy-3,5-dinitrophenyl)azo]naphthalene-1-sulphonato(3-)]cobaltate(3-)	84057-73-8	Metals		0.1%	D	No
Thallium triarsenide	84057-85-2	Metals, non-essential		0.01%	R	No
Cobalt, C4-10-fatty acid naphthenate complexes	84066-85-3	Metals		0.1%	D	No
Lead, C5-23-branched carboxylate C4-10-fatty acid complexes	84066-98-8	Metals, non-essential		0.1%	P	No
Lead, C5-23-branched carboxylate octanoate complexes	84066-99-9	Metals, non-essential		0.1%	P	No
Lead, C4-10-fatty acid naphthenate complexes	84067-00-5	Metals, non-essential		0.1%	P	No
Alkanes, C10-21 (C10-13)	84082-38-2	Flame retardant		0.1%	P	Yes

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Leach residues, nickel-vanadium ore - Residues from basic leaching of nickel-bearing vanadium ores. Composed primarily of silica and insoluble compounds of nickel and vanadium with minor quantities of other metals, such as arsenic, lead, tin and zinc.	84144-92-3	Metals		0,5 µg/cm ² /week	R	No
Tetrakis[(decanoato-O)cobalt]tetra-.mu.-oxotitanium	84145-31-3	Metals		0.1%	D	No
Disodium (2-hydroxy-3-((2-hydroxy-1-naphthyl)azo)-5-nitrobenzene-1-sulphonato(3-))(1-((2-hydroxy-4-nitrophenyl)azo)-2-naphtholato(2-))chromate(2-)	84145-95-9	Metals, non-essential		0.1%	P	No
Tetrakis[(octanoato-O)cobalt]tetra-.mu.-oxotitanium	84176-59-0	Metals		0.1%	D	No
Cobalt(2+) tert-decanoate	84195-99-3	Metals		0.1%	D	No
Trisodium bis[3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-2-hydroxy-5-nitrobenzenesulphonato(3-)]cobaltate(3-)	84204-70-6	Metals		0.1%	D	No
C.I. Solvent Yellow 14	842-07-9	Pigments		0.1%	D	No
2,6-Dimethyl-4-(1-naphthyl)pyrylium hexafluoroarsenate	84282-36-0	Metals, non-essential		0.01%	R	No
2,3,4,4-Tetrabromobiphenyl (PBB)	84303-45-7	Flame retardant		0.001%	P	No
2,6-Dimethyl-4-phenylpyrylium hexafluoroarsenate	84304-15-4	Metals, non-essential		0.01%	R	No
4-Cyclohexyl-2,6-dimethylpyrylium hexafluoroarsenate	84304-16-5	Metals, non-essential		0.01%	R	No
Lead bis(p-octylphenolate)	84394-98-9	Metals, non-essential		0.1%	P	No
Bis[di(3,5,5-trimethylhexyl)dithiocarbamate-S,S']nickel	84604-95-5	Metals		0,5 µg/cm ² /week	R	No
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-propyl) esters, zinc salts	84605-29-8	Unclassified		0.01%	D	No
Dicyclohexyl phthalate (DCP)	84-61-7	Plasticisers		0.1%	R	Yes
Carbolic oil	84650-04-4	Complex mixtures	distillation product	0.1%	D	No
Diethyl phthalate (DEP)	84-66-2	Plasticisers	insecticide	0.01%	D	No
Diisobutyl phthalate (DIBP)	84-69-5	Plasticisers	binder	0.01%	P	Annex XIV
Margosa ext.	84696-25-3	Biocides, non-agricultural		0.1%	P	No
Cadmium isononanoate	84696-56-0	Metals, non-essential		0.01%	P	No
1,2,3,4-Tetrachlorobenzene	84713-12-2	Biocides	fungicide	0.1%	P	No
Dibutyl phthalate (DBP)	84-74-2	Plasticisers	dye	0.01%	P	Annex XIV
Dihexyl phthalate	84-75-3	Plasticisers		0.1%	R	Yes
Alkanes, C10-32, chloro (C10-13)	84776-06-7	Flame retardant		0.1%	P	Yes
Alkane, C16-27-, Chloro-	84776-07-8	Flame retardant		0.1%	P	No
Fatty acids, C8-18 and C18-unsaturated, lead salts	84776-36-3	Metals, non-essential		0.1%	P	No
Fatty acids, C8-18 and C18-unsaturated, nickel salts	84776-45-4	Metals		0,5 µg/cm ² /week	R	No
Fatty acids, C8-12, lead salts	84776-53-4	Metals, non-essential		0.1%	P	No
Fatty acids, C18-24, lead salts	84776-54-5	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	Plasticisers		0.01%	P	Annex XIV
[.mu.-(4,6-Dinitroresorcinolato(2-)-O1,O3)]dihydroxydilead	84837-22-9	Metals, non-essential		0.1%	P	No
4-Nonylphenol (branched)	84852-15-3	Surface-active agents	cleaner	0.1%	R	Yes
Lead(II) isodecanoate	84852-34-6	Metals, non-essential		0.1%	P	No
(Isooctanoato-O)(neodecanoato-O)nickel	84852-35-7	Metals		0,5 µg/cm ² /week	R	No
(Isodecanoato-O)(isononanoato-O)nickel	84852-36-8	Metals		0,5 µg/cm ² /week	R	No
Isononanoic acid, nickel(2+) salt	84852-37-9	Metals		0,5 µg/cm ² /week	R	No
(2-Ethylhexanoato-O)(isooctanoato-O)nickel	84852-38-0	Metals		0,5 µg/cm ² /week	R	No
(2-Ethylhexanoato-O)(isodecanoato-O)nickel	84852-39-1	Metals		0,5 µg/cm ² /week	R	No
1,2-Decabromodiphenylethane	84852-53-9	Flame retardant		0.01%	D	No
Cadmium isooctadecanoate	84878-36-4	Metals, non-essential		0.01%	P	No
Cadmium tert-decanoate	84878-37-5	Metals, non-essential		0.01%	P	No
Cadmium bis(nonylphenolate)	84878-48-8	Metals, non-essential		0.01%	P	No
Cadmium bis(octylphenolate)	84878-51-3	Metals, non-essential		0.01%	P	No
Lead, isononanoate isooctanoate complexes, basic	84929-94-2	Metals, non-essential		0.1%	P	No
Lead, isooctanoate neodecanoate complexes, basic	84929-95-3	Metals, non-essential		0.1%	P	No
Lead, naphthenate neodecanoate complexes, basic	84929-96-4	Metals, non-essential		0.1%	P	No
Lead, isononanoate naphthenate complexes	84929-97-5	Metals, non-essential		0.1%	P	No
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives, lead(2+) salts	84961-75-1	Metals, non-essential		0.1%	P	No
Phenanthrene (PAH)	85-01-8	Impurities		0.001%	R	Yes
Bis(5-oxo-DL-prolinato-N1,O2)nickel	85026-81-9	Metals		0,5 µg/cm ² /week	R	No
Alkane, C16-35-, Chloro-	85049-26-9	Flame retardant		0.1%	P	No
Fatty acids, C8-10-branched, lead salts	85049-42-9	Metals, non-essential		0.1%	P	No
Flue dust, lead-manufg., cadmium-rich	85117-02-8	Metals, non-essential		0.01%	P	No
Waste solids, cadmium-electrolysis, thallium-rich	85117-20-0	Metals, non-essential		0.01%	P	No
(2-Ethylhexanoato-O)(neodecanoato-O)nickel	85135-77-9	Metals		0,5 µg/cm ² /week	R	No
(Isodecanoato-O)(isooctanoato-O)nickel	85166-19-4	Metals		0,5 µg/cm ² /week	R	No
C.I. Solvent Red 215	85203-90-3	Pigments		0.003%	P	No
Bis[N-(2,4-dimethoxyphenyl)-2,3-bis(hydroxyimino)butyramidato-N2,N3]nickel	85269-39-2	Metals		0,5 µg/cm ² /week	R	No
Lead(2+) 4-(1,1-dimethylethyl)benzoate	85292-77-9	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel, bis(diisononylcarbamo-dithioato-,)-	85298-61-9	Metals		0,5 µg/cm ² /week	R	No
Dibutyltin linoleate	85391-79-3	Metals, non-essential		0.1% by weight of tin	P	No
Lead bis(5-oxo-L-prolinate)	85392-77-4	Metals, non-essential		0.1%	P	No
Lead bis(5-oxo-DL-prolinate)	85392-78-5	Metals, non-essential		0.1%	P	No
Tributyltin naphthenate	85409-17-2	Biocides	antifouling dye	0.0001%	P	No
Quaternary ammonium compounds, benzyl-C12-14-alkyldimethyl, chlorides	85409-22-9	Biocides, non-agricultural		0.1%	P	No
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	Biocides, non-agricultural		0.1%	P	No
Chlorinated paraffin oil, unspecified	85422-92-0	Biocides, non-agricultural	wood preserver	0.1%	D	No
Hexahydrophthalic acid anhydride	85-42-7	Intermediate	softener	0.1%	R	Yes
Phthalic anhydride	85-44-9	Unclassified		0.1%	D	No
Nickel, 2,2'-thiobis[4-nonylphenol] complexes	85480-75-7	Metals		0,5 µg/cm ² /week	R	No
4-Heptylphenol, branched and linear	854904-92-0	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	854904-93-1	Unclassified		0.1%	R	Yes
Diundecyl phthalate, branched and linear	85507-79-5	Plasticisers		0.1%	D	No
Dibutyltin bis(C8 to C18 unsatd. fatty acyloxy) derivs.	85508-00-5	Metals, non-essential		0.1% by weight of tin	P	No
(Isodecanoato-O)(neodecanoato-O)nickel	85508-42-5	Metals		0,5 µg/cm ² /week	R	No
Nickel(II) isodecanoate	85508-43-6	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+) neodecanoate	85508-44-7	Metals		0,5 µg/cm ² /week	R	No
(2-Ethylhexanoato-O)(isononanoato-O)nickel	85508-45-8	Metals		0,5 µg/cm ² /week	R	No
(Isononanoato-O)(isooctanoato-O)nickel	85508-46-9	Metals		0,5 µg/cm ² /week	R	No
Chlorinated paraffin (C10-13, chloro)	85535-84-8	Flame retardant	coating	0.1%	P	Yes
Chlorinated paraffin (C14-17, chloro)	85535-85-9	Flame retardant		0.1%	R	No
Chlorinated paraffin (C18-28, chloro)	85535-86-0	Flame retardant	coating	0.1%	D	No
Alkane, C12-14-, Chloro-	85536-22-7	Flame retardant		0.1%	P	Yes
Lead uranate pigment(9CI)	85536-79-4	Metals, non-essential		0.1%	P	No
(Isononanoato-O)(neodecanoato-O)nickel	85551-28-6	Metals		0,5 µg/cm ² /week	R	No
Nickel, isodecanoate naphthenate complexes	85585-97-3	Metals		0,5 µg/cm ² /week	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Nickel, isononanoate naphthenate complexes	85585-98-4	Metals		0,5 µg/cm ² /week	R	No
Nickel, naphthenate neodecanoate complexes	85585-99-5	Metals		0,5 µg/cm ² /week	R	No
Fatty acids, C9-11-branched, cadmium salts	85586-15-8	Metals, non-essential		0.01%	P	No
Bis(1H-1,2,4-triazole-3-sulphonato-N2,O3)nickel	85586-46-5	Metals		0,5 µg/cm ² /week	R	No
Tetrasodium 5-benzamido-3-(5-(4-fluoro-6-(1-sulphonato-2-naphthylamino)-1,3,5-triazin-2-ylamino)-2-sulphonatophenylazo)-4-hydroxynaphthalene-2,7-disulphonate	85665-97-0	Amines		0.1%	R	No
Alkane, C10-14-, Chloro-	85681-73-8	Flame retardant		0.1%	P	Yes
Butylbenzyl phthalate (BBP)	85-68-7	Plasticisers	dye	0.01%	P	Annex XIV
Dibutyltin isooctanoate	85702-74-5	Metals, non-essential		0.1% by weight of tin	P	No
4-Heptylphenol, branched and linear	857629-71-1	Unclassified		0.1%	R	Yes
C.I. Solvent Red 24, C.I.26105	85-83-6	Pigments		0.003%	P	No
Lead bis(tetracosylbenzenesulphonate)	85865-91-4	Metals, non-essential		0.1%	P	No
Lead bis[didodecylbenzenesulphonate]	85865-92-5	Metals, non-essential		0.1%	P	No
C.I. Solvent Red 23	85-86-9	Pigments	colouring agent	0.003%	P	No
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-butyl and iso-propyl) esters, zinc salts	85940-28-9	Unclassified		0.1%	D	No
2,2'-[(3,3',5,5'-Tetramethyl[1,1'-biphenyl]-4,4'-diyl)bis(oxymethylene)]bis-oxirane	85954-11-6	Unclassified		0.1%	D	No
Nickel, [2-hydroxybenzoic acid [3-[1-cyano-2-(methylamino)-2-oxoethylidene]-2,3-dihydro-1H-isoindol-1-ylidene]hydrazidato(2-)]-	85958-80-1	Metals		0,5 µg/cm ² /week	R	No
Bis(5-oxo-L-prolinato-N1,O2)cadmium	85958-86-7	Metals, non-essential		0.01%	P	No
Trisodium bis(2-hydroxy-5-nitro-3-((2-oxo-1-((phenylamino)carbonyl)propyl)azo)benzenesulphonato(3-))cobaltate(3-)	85959-73-5	Metals		0.1%	D	No
Bis(5-oxo-DL-prolinato-N1,O2)cadmium	85994-31-6	Metals, non-essential		0.01%	P	No
4-Heptylphenol, branched and linear	861010-65-3	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	861011-60-1	Unclassified		0.1%	R	Yes
Perfluoro compounds, C5-18 (PFOA)	86508-42-1	Solvents, halogenated		0.0000025%	R	No
Cadmium dithiocyanate	865-38-3	Metals, non-essential		0.01%	P	No
1,1,2,2-Tetrahydroperfluoro dodecanol (Fluorotelomer)	865-86-1	Unclassified		0.1%	D	No
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl) (PFHxS)	866621-50-3	Solvents, halogenated		0.1%	R	Yes
Fluorene (PAH)	86-73-7	Impurities		0.001%	R	No
Lead(2+) acrylate	867-47-0	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Mercury, methyl(8-quinolinolato-N1,O8)-	86-85-1	Metals, non-essential		0.1%	P	No
Diocetyl tin oxide	870-08-6	Metals, non-essential		0.1% by weight of tin	P	No
1-Methyl-2-pyrrolidinone (NMP)	872-50-4	Solvents	ink	0.1%	R	Yes
Lead dibenzoate	873-54-1	Metals, non-essential		0.1%	P	No
Caryophyllene	87-44-5	Unclassified		0.1%	D	No
1,2,3-Trichlorobenzene	87-61-6	Solvents, halogenated	fungicide	0.1%	R	No
2,6-Dimethylbenzenamine	87-62-7	Amines		0.1%	R	No
Hexachlorobutadiene (HCBD)	87-68-3	Intermediate	antifouling dye	0.1%	P	No
Pentachlorophenol (PCP)	87-86-5	Biocides, non-agricultural		0.0005%	P	No
Symclosene; 1,3,5-Trichloro-1,3,5-triazinane-2,4,6-trione	87-90-1	Biocides, non-agricultural		0.1%	P	No
Lead hydroxysalicylate	87903-39-7	Metals, non-essential		0.1%	P	No
2,4,6-Trichlorophenol	88-06-2	Biocides, non-agricultural	bactericide	0.1%	D	No
N-Vinylpyrrolidinone	88-12-0	Unclassified		0.1%	D	No
Terbutryn	886-50-0	Biocides	herbicide	0.0001%	R	No
2,2,3,5,6-Pentabromobiphenyl (PBB)	88700-05-4	Flame retardant		0.001%	P	No
Dinoseb	88-85-7	Biocides	insecticide	0.1%	R	Yes
Triphenyltin hydride	892-20-6	Biocides		0.1%	P	No
Triphenyltin iodide	894-09-7	Biocides		0.1%	P	No
DDACarbonate; LZ 34000; Reaction mass of N,N-didecyl-N,N-dimethyl-ammonium carbonate and N,N-didecyl-N,N-dimethyl-ammonium bicarbonate	894406-76-9	Biocides, non-agricultural		0.0001%	R	No
Polytetrafluoroethene (PFTE)	9002-84-0	Unclassified	polymer	0.1%	D	No
Polyvinylchloride (PVC)	9002-86-2	Unclassified	polymer	0.1%	D	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	9002-93-1	Surface-active agents		0.01%	P	Annex XIV
Epoxy resin	9003-36-5	Unclassified		0.01%	D	No
Chloro(o-hydroxyphenyl)mercury	90-03-9	Metals, non-essential		0.1%	P	No
2-Methoxybenzenamine	90-04-0	Intermediate	antioxidant	0.1%	R	Yes
Nitrocellulose	9004-70-0	Propellant	autoignition compounds	0.1%	D	No
Phosphoric acid,compounds,nickel(2+) zinc salt (2:1:2)	90053-13-7	Metals		0,5 µg/cm ² /week	R	No
Lignin	9005-53-2	Biocides, non-agricultural		0.1%	P	No
Resin acids and Rosin acids, calcium salts	9007-13-0	Complex mixtures		0.1%	D	No
Triphenyltin acetate	900-95-8	Biocides	antifouling dye	0.1%	P	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Polychloroprene	9010-98-4	Solvents, halogenated	adhesive	0.1%	D	No
1,1,2,3,3,3-Hexafluoropropene, polymer with 1,1-difluoroethene	9011-17-0	Unclassified	polymer	0.1%	D	No
Poly(oxy-1,2-ethanediy), alpha-(nonylphenyl)-omega-(sulfooxy)-, sodium salt	9014-90-8	Surface-active agents		0.01%	R	No
Ethoxylated nonylphenol	9016-45-9	Surface-active agents	cleaner	0.01%	P	Annex XIV
Diphenylmethanediisocyanate (MDI), isomeres and homologues	9016-87-9	Intermediate, monomers	casting resin	0.1%	D	No
1,2-Benzenedicarboxylic acid, lead(2+) salt, basic	90193-83-2	Metals, non-essential		0.1%	P	No
Benzenesulfonic acid, mono-C10-13-alkyl derivs., cadmium salts	90194-35-7	Metals, non-essential		0.01%	P	No
Benzoic acid, cadmium salt, basic	90218-85-2	Metals, non-essential		0.01%	P	No
2-Butenedioic acid (E)-, lead(2+) salt, basic	90268-59-0	Metals, non-essential		0.1%	P	No
2-Butenedioic acid (Z)-, lead(2+) salt, basic	90268-66-9	Metals, non-essential		0.1%	P	No
N-1-naphthylaniline	90-30-2	Unclassified		0.01%	D	No
Decanoic acid, branched, cadmium salts	90342-19-1	Metals, non-essential		0.01%	P	No
Decanoic Acid, Branched, Lead Salts	90342-24-8	Metals, non-essential		0.1%	P	No
Dodecanoic acid, lead salt, basic	90342-56-6	Metals, non-essential		0.1%	P	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	9036-19-5	Surface-active agents	cleaner	0.01%	P	Annex XIV
Hexadecanoic acid, lead salt, basic	90388-09-3	Metals, non-essential		0.1%	P	No
Hexadecanoic acid, lead(2+) salt, basic	90388-10-6	Metals, non-essential		0.1%	P	No
9-Hexadecenoic acid, lead(2+) salt, (Z)-, basic	90388-15-1	Metals, non-essential		0.1%	P	No
Hexanoic acid, 2-ethyl-, cadmium salt, basic	90411-62-4	Metals, non-essential		0.01%	P	No
Isodecanoic acid, lead salt, basic	90431-14-4	Metals, non-essential		0.1%	P	No
Isononanoic acid, lead salt, basic	90431-21-3	Metals, non-essential		0.1%	P	No
Isooctanoic acid, lead salt, basic	90431-26-8	Metals, non-essential		0.1%	P	No
Lead, C8-10-branched fatty acids C9-11-neofatty acids naphthenate complexes, overbased	90431-27-9	Metals, non-essential		0.1%	P	No
Lead, C8-10-branched fatty acids C9-11-neofatty acids naphthenate complexes	90431-28-0	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate isodecanoate complexes, basic	90431-30-4	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate isononanoate complexes, basic	90431-31-5	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate isooctanoate complexes, basic	90431-32-6	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate naphthenate complexes	90431-33-7	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate naphthenate complexes, basic	90431-34-8	Metals, non-essential		0.1%	P	No
Lead, 2-ethylhexanoate neodecanoate complexes, basic	90431-35-9	Metals, non-essential		0.1%	P	No
Lead, isodecanoate isononanoate complexes, basic	90431-36-0	Metals, non-essential		0.1%	P	No
Lead, isodecanoate isooctanoate complexes, basic	90431-37-1	Metals, non-essential		0.1%	P	No
Lead, isodecanoate naphthenate complexes	90431-38-2	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead, isodecanoate neodecanoate complexes, basic	90431-39-3	Metals, non-essential		0.1%	P	No
Lead, isononanoate naphthenate complexes, basic	90431-40-6	Metals, non-essential		0.1%	P	No
Lead, isononanoate neodecanoate complexes, basic	90431-41-7	Metals, non-essential		0.1%	P	No
Lead, isooctanoate naphthenate complexes, basic	90431-42-8	Metals, non-essential		0.1%	P	No
Lead, naphthenate neodecanoate complexes	90431-43-9	Metals, non-essential		0.1%	P	No
Lead, neononanoate neoundecanoate complexes, basic	90431-44-0	Metals, non-essential		0.1%	P	No
2-Phenylphenol	90-43-7	Biocides, non-agricultural	disinfectant	0.0001%	R	No
Neodecanoic acid, lead salt, basic	90459-25-9	Metals, non-essential		0.1%	P	No
Neononanoic acid, lead salt, basic	90459-26-0	Metals, non-essential		0.1%	P	No
Neoundecanoic acid, lead salt, basic	90459-28-2	Metals, non-essential		0.1%	P	No
Nickel, acetate carbonate C8-10-branched fatty acids C9-11-neofatty acids complexes	90459-30-6	Metals		0,5 µg/cm ² /week	R	No
Nickel, borate C8-10-branched carboxylate complexes	90459-31-7	Metals		0,5 µg/cm ² /week	R	No
Nickel, C5-C23-branched carboxylate octanoate complexes	90459-32-8	Metals		0,5 µg/cm ² /week	R	No
Nickel, isooctanoate naphthenate complexes	90459-33-9	Metals		0,5 µg/cm ² /week	R	No
Nickel, acetylacetone 6-methyl-2,4-heptanedione complexes	90459-34-0	Metals		0,5 µg/cm ² /week	R	No
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, [[3-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]phenyl]amino]sulfonyl sulfo derivatives, sodium salts	90459-35-1	Metals		0,5 µg/cm ² /week	R	No
Nickelate(4-), [bis[[[3-[[4,5-dihydro-3-methyl-5-oxo-1-[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]-1H-pyrazol-4-yl]azo]phenyl]amino]sulfonyl]-29H,31H-phthalocyaninedisulfonato(6-)-N29,N30,N31,N32]-, sodium	90459-36-2	Metals		0,5 µg/cm ² /week	R	No
Octadecanoic acid, lead salt, basic	90459-51-1	Metals, non-essential		0.1%	P	No
Octadecanoic acid, lead(2+) salt, basic	90459-52-2	Metals, non-essential		0.1%	P	No
9-Octadecenoic acid (Z)-, lead salt, basic	90459-88-4	Metals, non-essential		0.1%	P	No
Poly(oxypropylene)diamine (Polyamine Curing Agent)	9046-10-0	Amines		0.1%	D	No
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(nonylphenoxy)-, ammonium salt	9051-57-4	Surface-active agents		0.01%	R	No
Propanoic acid, cadmium salt, basic	90529-78-5	Metals, non-essential		0.01%	P	No
2-Propenoic Acid, 2-Methyl-, Lead Salt, Basic	90552-19-5	Metals, non-essential		0.1%	P	No
Anhydrous sodium perborate	90568-23-3	Unclassified		0.1%	R	Yes
Sulfuric acid, lead(2+) salt, basic	90583-07-6	Metals, non-essential		0.1%	P	No
Sulfurous acid, lead(2+) salt, basic	90583-37-2	Metals, non-essential		0.1%	P	No
Tetradecanoic acid, lead salt, basic	90583-65-6	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Mercury, chloro[2-(2-cyclohexen-1-yl)-3-benzofuranyl]-	90584-88-6	Metals, non-essential		0.1%	P	No
Cadmium Zinc lithophone Yellow	90604-89-0	Pigments		0.01%	P	No
Cadmium lithophone Yellow	90604-90-3	Pigments		0.01%	P	No
Anthracene oil	90640-80-5	Complex mixtures	coating	0.01%	P	Annex XIV
Anthracene oil, anthracene paste	90640-81-6	Complex mixtures		0.1%	R	Yes
Anthracene oil, anthracene-low	90640-82-7	Complex mixtures		0.1%	R	Yes
Creosote oil, acenaphthene fraction	90640-84-9	Complex mixtures	bitumen	0.1%	R	No
Ammonium sulfide ((NH4)2(Sx))	9080-17-5			0.1%	D	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	9081-99-6	Surface-active agents		0.01%	P	Annex XIV
C.I. Acid Red 119:1	90880-75-4	Pigments		0.003%	P	No
4,4'-Bis(dimethylamino)benzophenone	90-94-8	Unclassified		0.1%	R	Yes
Fatty acids, C6- 19-branched, lead salts	91002-20-9	Metals, non-essential		0.1%	P	No
Fatty acids, C8-9, lead salts	91031-60-6	Metals, non-essential		0.1%	P	No
Fatty acids, C8-10, lead salts	91031-61-7	Metals, non-essential		0.1%	P	No
Fatty acids, C16-18, lead salts	91031-62-8	Metals, non-essential		0.1%	P	Yes
Leach residues, cadmium cake	91053-44-0	Metals, non-essential		0.01%	P	No
Leach residues, zinc ore-calcine, cadmium-copper ppt.	91053-46-2	Metals, non-essential		0.01%	P	No
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	910606-39-2	Solvents, halogenated		0.1%	R	Yes
Naphthenic acids, lead (2+) salts	91078-81-8	Metals, non-essential		0.1%	P	No
Quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, bromides	91080-29-4	Biocides, non-agricultural		0.1%	P	No
Resin acids and Rosin acids, zinc salts	91081-53-7	Complex mixtures	adhesive	0.1%	D	No
Toluene-2,6-diisocyanate	91-08-7	Intermediate, monomers	adhesive	0.01%	D	No
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	911027-68-4	Solvents, halogenated		0.1%	R	Yes
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1).. (PFHxS)	911027-69-5	Solvents, halogenated		0.1%	R	Yes
4-Heptylphenol, branched and linear	911370-98-4	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	911371-06-7	Unclassified		0.1%	R	Yes
4-Heptylphenol, branched and linear	911371-07-8	Unclassified		0.1%	R	Yes
Naphthalene (PAH)	91-20-3	Impurities	additive	0.001%	R	No
Quinoline	91-22-5	Unclassified		0.01%	D	No
Poly(hexamethylenebiguanide)	91403-50-8	Biocides, non-agricultural		0.0001%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
2-Naphthylamine	91-59-8	Amines	antioxidant	0.01%	P	No
Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	Metals, non-essential		0.1% by weight of tin	P	No
Isodecanoic acid, lead(2+) salt, basic	91671-82-8	Metals, non-essential		0.1%	P	No
Isooctanoic acid, lead(2+) salt, basic	91671-83-9	Metals, non-essential		0.1%	P	No
Isoundecanoic acid, lead(2+) salt, basic	91671-84-0	Metals, non-essential		0.1%	P	No
Benzenesulfonic acid, C14-44-branched and linear alkyl derivs., calcium salts	91696-73-0	Unclassified		0.1%	D	No
Fatty acids, castor-oil, hydrogenated, cadmium salts	91697-35-7	Metals, non-essential		0.01%	P	No
Fatty acids, castor-oil, hydrogenated, lead salts	91697-36-8	Metals, non-essential		0.1%	P	No
Fatty acids, C6-19-branched, nickel salts	91697-41-5	Metals		0,5 µg/cm ² /week	R	No
Strontium arsenite	91724-16-2	Metals, non-essential		0.01%	R	No
Amines, C12-14-alkyl, reaction products with hexanol, phosphorus oxide (P2O5), phosphorus sulfide (P2S5) and propylene oxide	91745-46-9	Amines		0.1%	D	No
Acetic acid, cobalt(3+) salt	917-69-1	Metals		0.1%	D	No
Cobalt, borate 2-ethylhexanoate complexes	91782-60-4			0.1%	D	No
Cobalt, borate propionate complexes	91782-61-5			0.1%	D	No
Phosphorodithioic acid, mixed O,O-bis(bu and pentyl) esters, lead(2+) salt	91783-10-7	Metals, non-essential		0.1%	P	No
3,3'-Dichlorobenzidine	91-94-1	Amines	antioxidant	0.01%	P	No
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	Complex mixtures		0.1%	R	Yes
Anthracene oil, anthracene paste, distn. lights	91995-17-4	Complex mixtures		0.1%	R	Yes
1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-1-hexanesulfonic acid, cesium salt (1:1) (PFHxS)	92011-17-1	Solvents, halogenated		0.1%	R	Yes
Fatty acids, coco, lead salts	92044-89-8	Metals, non-essential		0.1%	P	No
Naphthenic acids, lead salts, basic	92045-67-5	Metals, non-essential		0.1%	P	No
Lead, C4-10-fatty acid octanoate complexes	92200-92-5	Metals, non-essential		0.1%	P	No
Nickel, C5-23-branched carboxylate naphthenate complexes	92200-98-1	Metals		0,5 µg/cm ² /week	R	No
Nickel, C5-25-branched carboxylate naphthenate octanoate complexes	92200-99-2	Metals		0,5 µg/cm ² /week	R	No
Fatty acids, C8-10-branched, cadmium salts	92257-06-2	Metals, non-essential		0.01%	P	No
Leach residues, zinc refining flue dust, cadmiumthallium ppt.	92257-11-9	Metals, non-essential		0.01%	P	No
N-Nitrosodibutylamine	924-16-3	Impurities	rubber	0.1%	R	No
Butan-2-yl nitrite	924-43-6	Unclassified		0.1%	D	No
Nickel, borate neodecanoate complexes	92502-55-1	Metals		0,5 µg/cm ² /week	R	No
1,1'-Biphenyl, 4-bromo-	92-66-0	Flame retardant		0.001%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
4-Aminobiphenyl	92-67-1	Amines	antioxidant	0.01%	P	Yes
Fatty acids, C9-13-neo-, cadmium salts	92704-12-6	Metals, non-essential		0.01%	P	No
Fatty acids, olive-oil, cadmium salts	92704-15-9	Metals, non-essential		0.01%	P	No
Fatty acids, peanut-oil, cadmium salts	92704-19-3	Metals, non-essential		0.01%	P	No
Fatty acids, rape-oil, cadmium salts	92704-24-0	Metals, non-essential		0.01%	P	No
Fatty acids, C14-18 and C18-unsatd., branched and linear, hydrogenated, cadmium salts	92797-28-9	Metals, non-essential		0.01%	P	No
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium,19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS)	928049-42-7	Solvents, halogenated		0.1%	R	Yes
4,4-Dibromobiphenyl (PBB)	92-86-4	Flame retardant		0.001%	P	No
Benzidine	92-87-5	Intermediate	antioxidant	0.01%	P	No
4-Nitrobiphenyl	92-93-3	Intermediate	antioxidant	0.01%	P	No
1,8-Diamino-3,6-dioxaoctane (Polyamine Curing Agent)	929-59-9	Amines		0.1%	D	No
N-Nitrosopyrrolidine	930-55-2	Impurities	rubber	0.1%	R	No
Fatty acids, C14-26, lead salts	93165-26-5	Metals, non-essential		0.1%	P	No
Nickel, C5-23-branched carboxylate C4-10-fatty acids naphthenate complexes	93573-14-9	Metals		0,5 µg/cm ² /week	R	No
Nickel, C4-10 fatty acids naphthenate complexes	93573-15-0	Metals		0,5 µg/cm ² /week	R	No
Nickel, C4-10 fatty acids octanoate complexes	93573-16-1	Metals		0,5 µg/cm ² /week	R	No
Nickel, [29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32]-, chlorosulfonyl derivatives, reaction products with 2-[(4-aminophenyl)sulfonyl]ethyl hydrogen sulfate monosodium salt, potassium sodium salts, compounds with pyridine	93573-17-2	Metals		0,5 µg/cm ² /week	R	No
Nonanoic acid, branched, cadmium salt	93686-40-9	Metals, non-essential		0.01%	P	No
Nickel, C5-23-branched carboxylate C4-10 fatty acids complexes	93762-59-5	Metals		0,5 µg/cm ² /week	R	No
Cobalt bis[citrato(3-)]di-µ-oxodioxodimolybdate(2-)	93776-58-0	Metals		0.1%	D	No
Carbonic acid, cadmium salt	93820-02-1	Metals, non-essential		0.01%	P	No
Diiodo(5-iodopyridin-2-amine-N1)mercury	93820-20-3	Metals, non-essential		0.1%	P	No
Speiss, lead-zinc	93821-72-8	Metals, non-essential		0.1%	P	No
Lead 3-(acetamido)phthalate	93839-98-6	Metals, non-essential		0.1%	P	No
Lead bis(2-ethylhexanolate)	93840-04-1	Metals, non-essential		0.1%	P	No
Lead(2+) 4,4'-isopropylidenebisphenolate	93858-23-2	Metals, non-essential		0.1%	P	No
Lead(2+) (Z)-hexadec-9-enoate	93858-24-3	Metals, non-essential		0.1%	P	No
Bis(2-ethylhexyl mercaptoacetato -O',S)cadmium	93858-50-5	Metals, non-essential		0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
[.mu.-[[4,4'-(Oxydiethylene) bis(dodeceny succinato)](2-)]diphenyldimercury	93882-20-3	Metals, non-essential		0.1%	P	No
Nickelate(6-), [4-[[5-[[[(3,6-dichloro-4-pyridazinyl)carbonyl]amino]-2-sulphophenyl]azo]-4,5-dihydro-5-oxo-1-[2-sulfo-5-[[[(trisulfo-29H,31H-phthalocyaninyl)sulfonyl]amino]phenyl]-1H-pyrazole-3-carboxylato(8-)-N29,N30,N31,N32]-, hexasodium	93891-86-2	Metals		0,5 µg/cm ² /week	R	No
Carbamodithioic acid, ethylphenyl-, lead(2+) salt	93892-65-0	Metals, non-essential		0.1%	P	No
Cadmium bis(o-nonylphenolate)	93894-07-6	Metals, non-essential		0.01%	P	No
Cadmium bis(p-nonylphenolate)	93894-08-7	Metals, non-essential		0.01%	P	No
Cadmium bis[p-(1,1,3,3-tetramethylbutyl)phenolate]	93894-09-8	Metals, non-essential		0.01%	P	No
Cadmium (Z)-hexadec-9-enoate	93894-10-1	Metals, non-essential		0.01%	P	No
Lead(2+) neononanoate	93894-48-5	Metals, non-essential		0.1%	P	No
Lead(2+) neoundecanoate	93894-49-6	Metals, non-essential		0.1%	P	No
(Neononanoato-O)(neoundecanoato-O)lead	93894-64-5	Metals, non-essential		0.1%	P	No
(Neononanoato-O)(neoundecanoato-O)nickel	93920-08-2	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+) neoundecanoate	93920-09-3	Metals		0,5 µg/cm ² /week	R	No
Nickel(2+) neononanoate	93920-10-6	Metals		0,5 µg/cm ² /week	R	No
Formaldehyde, reaction products with branched and linear heptylpheno...	93925-00-9			0.01%	D	No
Phosphoric acid, mixed butyl and hexyl diesters, lead(2+) salts	93925-27-0	Metals, non-essential		0.1%	P	No
Silicic acid (H ₄ SiO ₄), tetraethyl ester, reaction products with bis(acetyloxy)dibutylstannane	93925-42-9	Metals, non-essential		0.1% by weight of tin	P	No
Silicic acid (H ₄ SiO ₄), tetraethyl ester, reaction products with bis(acetyloxy)dioctylstannane	93925-43-0	Metals, non-essential		0.1% by weight of tin	P	No
Tetrasodium [[[3-amino-4-sulphophenyl]amino]sulphonyl]-29H,31H-phthalocyaninetrisulphonato(6-)-N29,N30,N31,N32]nickelate(4-)	93939-76-5	Metals		0,5 µg/cm ² /week	R	No
Cadmium isodecanoate	93965-24-3	Metals, non-essential		0.01%	P	No
Lead bis(isoundecanoate)	93965-29-8	Metals, non-essential		0.1%	P	No
Cadmium bis(isoundecanoate)	93965-30-1	Metals, non-essential		0.01%	P	No
Lead bis(tricosanoate)	93966-37-1	Metals, non-essential		0.1%	P	No
Lead tetracosanoate	93966-38-2	Metals, non-essential		0.1%	P	No
Lead pentadecanoate	93966-74-6	Metals, non-essential		0.1%	P	No
Lead(II) isooctanoate	93981-67-0	Metals, non-essential		0.1%	P	No
Cadmium dimethylhexanoate	93983-65-4	Metals, non-essential		0.01%	P	No
Dimethylhexanoic acid, nickel salt	93983-68-7	Metals		0,5 µg/cm ² /week	R	No
Hexacosanoic acid, lead salt	94006-20-9	Metals, non-essential		0.1%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
[.mu.-[[5,5'-Azobis[1H-tetrazolato]](2-)]dihydroxydilead	94015-57-3	Metals, non-essential		0.1%	P	No
Mercury thallium dinitrate	94022-47-6	Metals, non-essential		0.1%	P	No
[.mu.-[(Oxydiethylene but-2-enedioato)(2-)]diphenyldimercury	94070-92-5	Metals, non-essential		0.1%	P	No
NCC ether	94097-88-8	Unclassified		0.1%	R	No
Tris[(8a)-6'-methoxycinchonan-9(R)-ol] arsenite	94138-87-1	Metals, non-essential		0.01%	R	No
Lead diundec-10-enoate	94232-40-3	Metals, non-essential		0.1%	P	No
Cobalt(2+) dinickel(2+) bis[2-hydroxypropane-1,2,3-tricarboxylate]	94232-44-7	Metals		0,5 µg/cm ² /week	R	No
Cadmium tetrapentyl bis(phosphate)	94232-49-2	Metals, non-essential		0.01%	P	No
Dicobalt(2+) nickel(2+) bis[2-hydroxypropane-1,2,3-tricarboxylate]	94232-84-5	Metals		0,5 µg/cm ² /week	R	No
(Isononanoato-O)(isooctanoato-O)lead	94246-84-1	Metals, non-essential		0.1%	P	No
(Isodecanoato-O)(isooctanoato-O)lead	94246-85-2	Metals, non-essential		0.1%	P	No
(Isodecanoato-O)(isononanoato-O)lead	94246-86-3	Metals, non-essential		0.1%	P	No
(Isodecanoato-O)(neodecanoato-O)lead	94246-87-4	Metals, non-essential		0.1%	P	No
(2-Ethylhexanoato-O)(isooctanoato-O)lead	94246-90-9	Metals, non-essential		0.1%	P	No
(2-Ethylhexanoato-O)(isononanoato-O)lead	94246-91-0	Metals, non-essential		0.1%	P	No
(2-Ethylhexanoato-O)(isodecanoato-O)lead	94246-92-1	Metals, non-essential		0.1%	P	No
(2-Ethylhexanoato-O)(neodecanoato-O)lead	94246-93-2	Metals, non-essential		0.1%	P	No
Cadmium isooctyl phthalate (1:2:2)	94247-16-2	Metals, non-essential		0.01%	P	No
Lead icosanoate (1:2)	94266-31-6	Metals, non-essential		0.1%	P	No
Lead icosanoate	94266-32-7	Metals, non-essential		0.1%	P	No
Nickel methacrylate	94275-78-2	Metals		0,5 µg/cm ² /week	R	No
Cadmium (1-ethylhexyl) phthalate (1:2:2)	94275-93-1	Metals, non-essential		0.01%	P	No
Cadmium octyl phthalate (1:2:2)	94275-94-2	Metals, non-essential		0.01%	P	No
Bis(5-oxo-DL-prolinato-N1,O2)mercury	94276-38-7	Metals, non-essential		0.1%	P	No
Hydrogen .mu.-hydroxy[.mu.-[orthoborato(3-)-O:O']]diphenyldimercurate(1-)	94277-53-9	Metals, non-essential		0.1%	P	No
Fatty acids, tallow, reaction products with lead oxide	94349-78-7	Metals, non-essential		0.1%	P	No
Cyproconazole; (2RS,3RS; 2RS,3SR)-2-(4-chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol	94361-06-5	Biocides, non-agricultural		0.0001%	R	No
Phenylmercury benzoate	94-43-9	Metals, non-essential		0.1%	P	No
(Isononanoato-O)(neodecanoato-O)lead	94481-58-0	Metals, non-essential		0.1%	P	No
Bis(5-oxo-L-prolinato-N1,O2)mercury	94481-62-6	Metals, non-essential		0.1%	P	No
Lead, zinc dross	94551-60-7	Metals, non-essential		0.1%	P	No
Leach residues, cadmium-contg. flue dust	94551-70-9	Metals, non-essential		0.01%	P	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Didecylmethylpoly(oxyethyl)ammonium propionate; Poly(oxy-1,2-ethanedyl), .alpha.-[2-(didecylmethylammonio)ethyl]-.omega.-hydroxy-, propanoate (salt)	94667-33-1	Biocides, non-agricultural		0.1%	P	No
Spinels, cobalt nickel zinc grey	95046-47-2	Metals		0,5 µg/cm ² /week	R	No
Sulfallat (ISO)	95-06-7	Unclassified		0.1%	D	No
Hexahydrophthalic acid anhydride	95327-28-9	Intermediate		0.1%	R	Yes
N-Cyclohexyl-2-benzothiazolesulfenamide	95-33-0	Rubber chemical	vulcanisation accelerator	0.1%	D	No
o-Xylene	95-47-6	Solvents	cleaner	0.1%	D	No
o-Toluidine	95-53-4	Amines	antioxidant	0.1%	R	Yes
1,2-Phenylenediamine	95-54-5	Intermediate	colouring agent	0.1%	D	No
1,2,4-Trimethylbenzene	95-63-6	Solvents	cleaner	0.1%	D	No
2,4-Dimethylbenzenamine	95-68-1	Amines		0.1%	R	No
4-Chloro-o-toluidine	95-69-2	Intermediate	antioxidant	0.1%	R	No
2,4-Diaminotoluene	95-80-7	Amines	antioxidant	0.1%	R	Yes
4-Chloro-p-phenylenediamine	95-83-0	Amines		0.1%	D	No
Dibutyltin linolenate	95873-60-2	Metals, non-essential		0.1% by weight of tin	P	No
Cadmium isohehexadecanoate	95892-12-9	Metals, non-essential		0.01%	P	No
Lead(2+) isohehexadecanoate	95892-13-0	Metals, non-essential		0.1%	P	No
1,2,4,5-Tetrachlorobenzene	95-94-3	Biocides	herbicide	0.1%	P	No
2,4,5-Trichlorophenol	95-95-4	Biocides, non-agricultural	leather	0.1%	D	No
Endosulfan	959-98-8	Biocides	insecticide	0.1%	P	No
Styrene oxide	96-09-3	Intermediate, monomers	diluent	0.1%	D	No
2,3-Dibromo-1-propanol	96-13-9	Unclassified		0.1%	D	No
1,2,3-Trichloropropane	96-18-4	Solvents, halogenated	additive in fuel	0.1%	R	Yes
1,3-Dichloro-2-propanol	96-23-1	Solvents, halogenated	lacquer	0.1%	D	No
Ethyl methyl ketone oxime	96-29-7	Solvents	paint	0.1%	D	No
Methyl-bromoacetate	96-32-2			0.1%	D	No
Methyl acrylate	96-33-3	Intermediate, monomers		0.1%	D	No
Ethylenethiourea	96-45-7	Biocides, non-agricultural	antioxidant	0.1%	R	Yes
Lead, di-.mu.-hydroxy(2-methyl-4,6-dinitrophenolato-O1)(nitrate-O)di-	96471-22-6	Metals, non-essential		0.1%	P	No
2,3,4,4,5-Pentabromobiphenyl (PBB)	96551-70-1	Flame retardant		0.001%	P	No
4,4'-Thiobis[2-(1,1-dimethylethyl)-5-methyl-phenol]	96-69-5	Unclassified		0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Phenol, 2,4-bis(1,1-dimethylethyl)-	96-76-4	Unclassified		0.01%	D	No
2,2,4,6-Tetrabromobiphenyl (PBB)	97038-95-4	Flame retardant		0.001%	P	No
2,2,6,6-Tetrabromobiphenyl (PBB)	97038-96-5	Flame retardant		0.001%	P	No
2,2,4,4,6-Pentabromobiphenyl (PBB)	97038-97-6	Flame retardant		0.001%	P	No
3,3,4,5-Tetrabromobiphenyl (PBB)	97038-98-7	Flame retardant		0.001%	P	No
2,2,4,6,6-Pentabromobiphenyl (PBB)	97063-75-7	Flame retardant		0.001%	P	No
C.I. Acid Brown 415	97199-27-4	Pigments		0.003%	P	No
trans-Cyclohexane-1,2-dicarboxylic anhydride	97233-90-4	Intermediate		0.1%	R	Yes
Dichlorophene; dichlorophen	97-23-4	Biocides, non-agricultural		0.1%	P	No
Cadmium diisobutyl dimaleate	97259-82-0	Metals, non-essential		0.01%	P	No
Tetrasodium [bis[[[4-[[2-(sulphooxy)ethyl]sulphonyl]phenyl]amino]sulphonyl]-29H,31H-phthalocyaninedisulphonato(6-)-N29,N30,N31,N32]nickelate(4-)	97280-68-7	Metals		0,5 µg/cm ² /week	R	No
1,3-Di-o-tolyl-guanidine (DOTG)	97-39-2	Unclassified		0.1%	R	No
[[[N,N',N''-[29H,31H-Phthalocyaninetriyltris(sulphonylimino-3,1-phenylene)]tris[3-oxobutyramidato]](2-)-N29,N30,N31,N32]nickel	97404-21-2	Metals		0,5 µg/cm ² /week	R	No
[[[N,N',N'',N'''-[29H,31H-Phthalocyaninetetrayltetrakis(sulphonylimino-3,1-phenylene)]tetrakis[3-oxobutyramidato]](2-)-N29,N30,N31,N32]nickel	97404-22-3	Metals		0,5 µg/cm ² /week	R	No
1,1'-(Isopropylidene)bis(3,5-dibromo-4-(2,3-dibromo-2-methylpropoxy)benzene)	97416-84-7			0.1%	D	No
Diiron nickel zinc tetraoxide	97435-21-7	Metals		0,5 µg/cm ² /week	R	No
2-Methoxy-4-(2-propenyl)-phenol	97-53-0	Unclassified		0.1%	D	No
Paraffins (petroleum), normal C>10, chloro	97553-43-0	Flame retardant		0.1%	P	Yes
o-Aminoazotoluene	97-56-3	Amines	antioxidant	0.1%	R	Yes
Alkanes, C10-26, chloro	97659-46-6	Flame retardant		0.1%	P	Yes
Lead, bullion	97808-88-3	Metals, non-essential		0.1%	P	No
Butyl methacrylate	97-88-1	Intermediate, monomers		0.1%	D	No
Lead fluoride hydroxide	97889-90-2	Metals, non-essential		0.1%	P	No
7-Methyloctanoic acid, lead salt	97952-39-1	Metals, non-essential		0.1%	P	No
Nitric acid, lead(2+) salt, reaction products with sodium tin oxide	97953-08-7	Metals, non-essential		0.1%	P	No
Tetrahydrofurfuryl alcohol (THFA)	97-99-4	Unclassified		0.1%	D	No
2-Furanmethanol	98-00-0	Unclassified		0.1%	R	No
Gallium zinc triarsenide	98106-56-0	Metals, non-essential		0.01%	R	No
4-tert-Butylphenol	98-54-4	Unclassified		0.01%	D	No
p-tert-Butylbenzoic acid	98-73-7	Unclassified		0.01%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Cumene	98-82-8	Solvents	additive in fuel	0.1%	D	No
2-Phenylpropene	98-83-9			0.1%	D	No
Nitrobenzene	98-95-3	Intermediate	dye	0.1%	R	Yes
Vanadium(4+) diarsenate (1:1)	99035-51-5	Metals, non-essential		0.01%	R	No
C.I. Direct Red 2, C.I.23500	992-59-6	Pigments		0.003%	P	No
Nitric acid, barium salt, reaction products with ammonia, chromic acid (H ₂ CrO ₄) diammonium salt and copper(2+) dinitrate, calcined	99328-50-4	Metals, non-essential		0.1%	P	No
Sulfuric acid, barium salt (1:1), lead-doped	99328-54-8	Metals, non-essential		0.1%	P	No
Triethyltin chloride	994-31-0	Biocides		0.1%	P	No
Triethyltin hydroxide	994-32-1	Biocides		0.1%	P	No
2-Amino-4-nitrotoluene	99-55-8	Amines	antioxidant	0.1%	R	No
Diammonium tetrachloronickelate(2-)	99587-11-8	Metals		0,5 µg/cm ² /week	R	No
Monomethyldibromodiphenyl methane	99688-47-8	Flame retardant	capacitor	0.1%	P	No
Cassiterite, cobalt manganese nickel grey	99749-23-2	Metals		0,5 µg/cm ² /week	R	No
Perchloric acid, reaction products with lead oxide (pbo) and triethanolamine	99749-31-2	Propellant		0.1%	P	No
Zircon, cadmium orange	99749-34-5	Metals, non-essential		0.01%	P	No
Dimethyl-p-phenylenediamine	99-98-9	Amines		0.1%	D	No
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	Several	Unclassified	adhesive	0.1%	R	Yes
2-Naphthylamine salts	Several	Amines	antioxidant	0.01%	P	No
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	Several	Surface-active agents		0.01%	P	Annex XIV
4,4'-Oxydianiline and its salts	Several	Amines		0.1%	R	Yes
4-Aminobiphenyl salts	Several	Amines	antioxidant	0.01%	P	No
4-Heptylphenol, branched and linear	Several	Unclassified	polymer	0.1%	R	Yes
4-Nitrobiphenyl salts	Several	Intermediate	antioxidant	0.01%	P	No
4-Nonylphenol, branched and linear	Several	Surface-active agents		0.1%	R	Yes
4-Nonylphenol, branched and linear, ethoxylated	Several	Surface-active agents		0.01%	P	Annex XIV
5-sec-butyl-2-(2,4-di methylcyclohex-3-en- 1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] or any comb.	Several	Unclassified		0.1%	R	Yes
Aluminosilicate Refractory Ceramic Fibres	Several	Fibres	insulation	0.1%	R	Yes
Aniline salts	Several	Amines	antioxidant	0.1%	D	No
Antimony compounds	Several	Metals, non-essential	alloy	0.1%	D	No
Arsenic compounds (all R if not marked P)	Several	Metals, non-essential	adhesive	0.01%	R	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Arylamines	Several	Amines		0.003%	R	No
Asbestos Minerals (all R if not marked P)	Several	Fibres		0.1%	R	No
Asbestos, Fibres	Several	Fibres	filler	0.1%	P	No
Azodyes that can form carcinogenic amines	Several	Pigments		0.003%	P	No
Benzidine Based Chemical Substances	Several	Unclassified		0.1%	R	No
Benzidine salts	Several	Intermediate	antioxidant	0.01%	P	No
Beryllium compounds	Several	Metals, non-essential	alloy	0.1%	R	No
Biocidal coatings/ biocidal additives (all P if not marked R or D)	Several	Biocides, non-agricultural	disinfectant	0.1%	D	No
Boric acids	Several	Biocides		0.1%	R	Yes
Cadmium compounds	Several	Metals, non-essential	battery	0.01%	P	No
Chlorinated hydrocarbons (all R if not marked P)	Several	Solvents, halogenated	additive in fuel	0.1%	R	No
Chlorinated or brominated Dibenzo-p-dioxins r Dibenzofurans	Several	Impurities		0.000001%	P	No
Chlorinated paraffines, very long chained (C>20) or unspecified	Several	Flame retardant		0.1%	R	No
Chlorinated paraffins, long chained (C18-C20)	Several	Flame retardant		0.1%	R	No
Chlorinated paraffins, medium chained	Several	Flame retardant		0.1%	R	No
Chlorinated paraffins, short chained (C10-C13)	Several	Flame retardant	flame proofing agent	0.1%	P	No
Chromium(VI)-salts	Several	Metals, non-essential	coating	0.1%	P	No
Cobalt compounds (all D if not marked R)	Several	Metals	alloy	0.1%	D	No
Conflict minerals (including tin, tantalum, tungsten, gold and their derivates)	Several	Unclassified		0%	D	No
Copper compounds	Several	Metals	alloy	0.1%	D	No
Dibutyltin compounds (DBT)	Several	Metals, non-essential		0.1% by weight of tin	P	No
Dichlorobenzidine and its salts	Several	Amines		0.1%	R	No
Diocetyl tin compounds (DOT)	Several	Metals, non-essential		0.1% by weight of tin	P	No
Diorganotin compounds, other (all D if not marked P)	Several	Metals, non-essential	polymer	0.1%	D	No
Dioxines and Furanes	Several	Impurities		0.000001%	P	No
Ethoxylated nonylphenols	Several	Surface-active agents	cleaner	0.01%	R	No
Ethyl-/Methyl-glycols and their acetates (all D if not marked R or P)	Several	Solvents	dye	0.1%	D	No
Hexabromocyclododecane (HBCD) - including all major diastereomers	Several	Flame retardant		0.01%	P	Annex XIV
Hydrobromofluorocarbons (HBFC)	Several	Solvents, halogenated	aerosol	0.1%	P	No
Hydrochlorofluorocarbons (HCFC)	Several	Solvents, halogenated	aerosol	0.1%	P	No
Hydrofluorocarbons (HFC)	Several	Solvents, halogenated	foam	0.1%	P	No
Isocyanates	Several	Intermediate	coating	0.1%	D	No

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Lead compounds	Several	Metals, non-essential	additive in oil	0.1%	P	No
Long-Chain Perfluoroalkyl Carboxylates (LCPFAC)	Several	Unclassified		0.1%	R	No
Mercury compounds	Several	Metals, non-essential	antifouling dye	0.1%	P	No
Mineral fibers (Natural or Synthetic) (all D if not marked R)	Several	Fibres	insulation	0.1%	D	No
Nickel compounds	Several	Metals	additive in galvanic bath	0,5 µg/cm ² /week	R	No
Nitrites	Several	Unclassified	additive	0.1%	D	No
N-Nitrosoamides	Several	Impurities		0.1%	R	No
N-Nitrosoamines (all R if not marked P)	Several	Impurities	rubber	0.1%	R	No
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Several	Unclassified		0.1%	R	Yes
Oligomers of chromic acid and dichromic acid	Several	Metals, non-essential		0.1%	P	Annex XIV
Ozone depleting halogenated Hydrocarbons and Carbons	Several	Solvents, halogenated	aerosol	0.1%	P	No
Ozone depleting substances	Several	Solvents, halogenated	blowing agent	0.1%	P	No
Pentachlorophenol (PCP) and its salts and esters	Several	Biocides, non-agricultural	fungicide	0.0005%	P	No
Perchlorates	Several	Propellant	explosives	0.1%	R	No
Perfluoroalkyl sulfonates (PFAS)	Several	Solvents, halogenated		0.1%	R	No
Perfluorocarbons (PFC) (all R if not marked P)	Several	Solvents, halogenated		0.1%	R	No
Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	Several	Solvents, halogenated		0.1%	R	Yes
Perfluorononan-1-oic-acid and its sodium and ammonium salts (PFNA)	Several	Surface-active agents		0.1%	R	Yes
Perfluorooctane sulfonates (PFOS)	Several	Solvents, halogenated	coating	0.1%	P	No
Perfluorooctanoic acids and its salts (PFOA) (all P if not marked R or D)	Several	Solvents, halogenated		0.0000025%	P	No
Phenylenediamines and its salts (all D if not marked R)	Several	Amines	colouring agent	0.1%	D	No
Phthalates (all D if not marked R or P)	Several	Plasticisers	glue	0.1%	D	No
Polybrominated biphenyls (PBB)	Several	Flame retardant	electronics	0.001%	P	No
Polybrominated difurans (PBDF)	Several	Flame retardant		0.1%	D	No
Polybrominated diphenyl ethers (PBDE)	Several	Flame retardant	electronics	0.1%	P	No
Polybrominated terphenyls (PBT)	Several	Flame retardant	capacitor	0.1%	R	No
Polychlorinated biphenyls (PCB)	Several	Flame retardant	additive in oil	0.0002%	P	No
Polychlorinated naphthalenes (PCN)	Several	Unclassified	additive	0.1%	P	No
Polychlorinated terphenyls (PCT)	Several	Flame retardant	insulating fluid	0.001%	P	No
Polycyclic aromatic hydrocarbons (PAH; PCAH)	Several	Impurities	bitumen	0.0001%	R	No
Polyfumaric acid dibutyl ester	Several	Unclassified		0.1%	D	No

VS005 Appendix A

Declarable, Restricted and Prohibited Substances List

Chemical Substance	CAS RN	Group	Examples - function/use	Limit	Classification	Reach CL
Quaternary ammonium compounds (benzylalkyldimethyl (alkyl from C8-C22, saturated and unsaturated, tallow alkyl, coco alkyl, and soya alkyl) chlorides, bromides or hydroxides)/BKC	Several	Biocides		0.1%	P	No
Radioactive substances	Several	Unclassified		0.1%	R	No
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with >0.1% w/w 4-heptylphenol, branched and linear]	Several	Unclassified	lubricant	0.1%	R	Yes
Selenium compounds	Several	Non-metal	fungicide	0.1%	D	No
Tetrachlorobenzenes	Several	Biocides	fungicide	0.1%	P	No
Tributyltin compounds	Several	Biocides		0.0001%	P	No
Trichlorophenol and its salts	Several	Biocides, non-agricultural	bactericide	0.1%	D	No
Tricyclohexyltin compounds	Several	Biocides		0.1%	P	No
Triethyltin compounds	Several	Biocides		0.1%	P	No
Trihexyltin compounds	Several	Biocides		0.1%	P	No
Trimethyltin compounds	Several	Biocides		0.1%	P	No
Trioctyltin compounds	Several	Biocides		0.1%	P	No
Triorganotin compounds (Trialkyl- and Triaryl tin)	Several	Biocides	antifouling dye	0.1%	P	No
Triphenyltin compounds	Several	Biocides		0.1%	P	No
Tripropyltin compounds	Several	Biocides		0.1%	P	No
Uranium Compounds	Several	Unclassified		0.1%	R	No
UVCB-Diamines	Several	Amines		0.1%	D	No
Zirconia Aluminosilicate Refractory Ceramic Fibres	Several	Fibres		0.1%	R	Yes