1 Purpose

In order to comply with the international environmental protection trend, the company has clearly established the restricted substances control specification to suppliers for reference, and required suppliers to strictly obey.

2 Restricted Substances List

2.1 European Union

2.1.1 EU Directive 2015/863/EU was published in June 2015

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
汞	Mercury(Hg)	-	-	<1000ppm If the exception clause is applied, the exception limit value is the main basis.	RoHS（2011/65/EU）
鉛	Lead(Pb)			<1000ppm (Planning to import the standard which Pb<750ppm in December 2020)	

		-	-	If the exception clause is applied, the exception limit value is the main basis. Steel alloy <3500ppm Aluminum alloy <4000ppm Copper alloy <40000ppm	
鎘	Cadmium(Cd)	-	-	<100ppm If the exception clause is applied, the exception limit value is the main basis.	
六價鉻	Hexavalent chromium(Cr 6+)	-	-	<1000ppm	
多溴聯苯	Polybrominated Biphenyls (PBB)	-	-	<1000ppm	
多溴聯苯醚	Polybrominated Diphenyl Ethers (PBDE)	-	-	<1000ppm	
鄰苯二甲酸二(2-乙基己基)酯	Bis (2-ethylhexyl) phthalate (DEHP)	-	-	<0.1% (1000 ppm)	RoHS2.0 (2015/863/EU)
鄰苯二甲酸甲苯基丁酯	Butyl benzyl phthalate (BBP)	-	-	<0.1% (1000 ppm)	
鄰苯二甲酸二丁酯	Dibutyl phthalate (DBP)	-	-	<0.1% (1000 ppm)	
鄰苯二甲酸二異丁酯	Diisobutyl phthalate (DIBP)	-	-	<0.1% (1000 ppm)	

2.1.2 Halogen free

NO	Restricted Substances, 限用物質	Restricted Application, 限用範圍	Threshold Level, 限值 (Unit: PPM)	Legal Reference 參考法規
1	Bromine 溴	All Application for halogen-free products, 全適用於無鹵素產品	900	IEC61249-2-21
2	Chlorine 氯	All Application for halogen-free products, 全適用於無鹵素產品	900	IEC61249-2-21
3	Total Br+Cl 溴氯總合	All Application for halogen-free products, 全適用於無鹵素產品	1500	IEC61249-2-21

2.1.3 EU REACH Regulations on Registration, Evaluation, Authorization and Restriction of Chemical

About the latest SVHC and Annex XVII lists, please refer to following REACH official website

REACH website: https://echa.europa.eu/candidate-list-table

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
蒽	Anthracene	120-12-7	C14H10	SVHC 濃度<0.1 %	REACH SVHC
二氨基二苯甲烷	4,4'-Methylendianiline	101-77-9	C13H14N2	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二丁酯	Dibutylphthalate (DBP)	84-74-2	C16H22O4	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸甲苯基丁酯	Benzyl butyl phthalate (BBP)	85-68-7	C19H20O4	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二(2-乙基已基)酯	Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	C24H38O4	SVHC 濃度<0.1 %	REACH SVHC
二甲苯麝香	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	C12H15N3O6	SVHC 濃度<0.1 %	REACH SVHC
六溴環十二烷及其同素異構物	Hexabromocyclododecane(HBCDD)and all major diastereoisomers identified(ω-HBCDD,β-HBCDD,Y-HBCDD)	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	C12H18Br6	SVHC 濃度<0.1 %	REACH SVHC
氧化雙三丁基錫	Bis(tributyltin)oxide (TBTO)	56-35-9	C24H54OSn2	SVHC 濃度<0.1 %	REACH SVHC
氯化鈷	Cobalt dichloride	7646-79-9	Cl2Co	SVHC 濃度<0.1 %	REACH SVHC

五氧化二砷	Diarsenic pentoxide	1303-28-2	As2O5	SVHC 濃度<0.1 %	REACH SVHC
三氧化二砷	Diarsenic trioxide	1327-53-3	As2O3	SVHC 濃度<0.1 %	REACH SVHC
三乙基砷酸鹽	Triethyl arsenate	15606-95-8	C6H15AsO4	SVHC 濃度<0.1 %	REACH SVHC
砷酸氫鉛	Lead hydrogen arsenate	7784-40-9	AsHO4Pb	SVHC 濃度<0.1 %	REACH SVHC
重鉻酸鈉	Sodium dichromate	7789-12-0, 10588-01-9	Cr2Na2O7	SVHC 濃度<0.1 %	REACH SVHC
蒽油	Anthracene oil, anthracene paste	90640-80-5	-	SVHC 濃度<0.1 %	REACH SVHC
蒽油，蒽糊，輕油	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	-	SVHC 濃度<0.1 %	REACH SVHC
蒽油，蒽糊，蒽餾分離液	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	-	SVHC 濃度<0.1 %	REACH SVHC
蒽油，含蒽量少	Anthracene oil, anthracene-low	90640-82-7	-	SVHC 濃度<0.1 %	REACH SVHC
蒽油，蒽糊	Anthracene oil, anthracene paste	90640-81-6	-	SVHC 濃度<0.1 %	REACH SVHC
煤瀝青，高溫	Coal tar pitch,high temperature	65996-93-2	-	SVHC 濃度<0.1 %	REACH SVHC
丙烯醯胺	Acrylamide	79-06-1	C_3H_5NO	SVHC 濃度<0.1 %	REACH SVHC
2,4-二硝基甲苯	2,4-Dinitrotoluene	121-14-2	$C_7H_6N_2O_4$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二異丁酯	Diisobutyl phthalate (DIBP)	84-69-5	$C_{16}H_{22}O_4$	SVHC 濃度<0.1 %	REACH SVHC
鉻酸鉛	Lead chromate	7758-97-6	CrO_4Pb	SVHC 濃度<0.1 %	REACH SVHC
紅色鉬鉻酸鉛硫酸鹽(C.I.紅色104)	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	$PbCrO_4$, $PbMoO_4$, $PbSO_4$	SVHC 濃度<0.1 %	REACH SVHC

黃色硫化鉻酸鉛(C.I.黃色 34)	Lead sulfochromate yellow (C.I. PigmentYellow 34)	1344-37-2	$PbCrO_4$+Pb -SO_4	SVHC 濃度<0.1 %	REACH SVHC
三 2-(氯乙基)磷酸酯	Tris(2-chloroethyl) phosphate	115-96-8	$C_6H_{12}Cl_3O_4P$	SVHC 濃度<0.1 %	REACH SVHC
三氯乙烯	Trichloroethylene	79-01-6	C_2HCl_3	SVHC 濃度<0.1 %	REACH SVHC
硼酸	Boric acid	10043-35-3	BH_3O_3	SVHC 濃度<0.1 %	REACH SVHC
無水四硼酸酸鈉	Disodium tetraborate, anhydrous	1330-43-4, 1303-96-4, 12179-04-3	$B_4Na_2O_7$	SVHC 濃度<0.1 %	REACH SVHC
水合七氧四硼酸二鈉	Tetraboron disodium heptaoxide, hydrate	12267-73-1	$B_4H_{14}Na_2O_{8-12}$	SVHC 濃度<0.1 %	REACH SVHC
鉻酸納	Sodium chromate	7775-11-3	$CrNa_2O_4$	SVHC 濃度<0.1 %	REACH SVHC
鉻酸鉀	Patassium Chromate	7789-00-6	CrK_2O_4	SVHC 濃度<0.1 %	REACH SVHC
高鉻酸銨	Ammonium dichromate	7789-09-5	$Cr_2H_8N_2O_7$	SVHC 濃度<0.1 %	REACH SVHC
重鉻酸鉀	Potassium dichromate	7778-50-9	$Cr_2K_2O_7$	SVHC 濃度<0.1 %	REACH SVHC
硫酸鈷(二價)	Cobalt(Ⅱ) sulphate	10124-43-3	$CoSO_4$	SVHC 濃度<0.1 %	REACH SVHC
硝酸鈷(二價)	Cobalt(Ⅱ) nitrate	10141-05-6	CoN_2O_6	SVHC 濃度<0.1 %	REACH SVHC
碳酸鈷(二價)	Cobalt(Ⅱ) carbonate	513-79-1	$CoCO_3$	SVHC 濃度<0.1 %	REACH SVHC
醋酸鈷(二價)	Cobalt(Ⅱ) diacetate	71-48-7	$Co(COOH)_2$	SVHC 濃度<0.1 %	REACH SVHC
乙二醇甲醚	2-Methoxyethanol	109-86-4	$C_3H_8O_2$	SVHC 濃度<0.1 %	REACH SVHC
乙二醇乙醚	2-Ethoxyethanol	110-80-5	$C_4H_{10}O_2$	SVHC 濃度<0.1 %	REACH SVHC
三氧化鉻	Chromium trioxide	1333-82-0	CrO_3	SVHC 濃度<0.1 %	REACH SVHC
鉻酸	Chromic acid	7738-94-5	H_2CrO_4	SVHC 濃度<0.1 %	REACH SVHC
重鉻酸	Dichromic acid	13530-68-2	-	SVHC 濃度<0.1 %	REACH SVHC
鉻酸與重鉻酸的其它低聚物	Oligomers of chromic acid and dichromic acid.	-	-	SVHC 濃度<0.1 %	REACH SVHC

乙二醇乙醚乙酸酯（2-EEA）	2-ethoxyethyl acetate	111-15-9	$C_6H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC
鉻酸鍶	Strontium chromate	7789-6-2	$SrCrO_4$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二（C_{7-11} 支鏈與直鏈）烷基酯（DHNUP）	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	-	SVHC 濃度<0.1 %	REACH SVHC
肼	Hydrazine hydrate	7803-57-8; 302-01-2	H_6N_2O	SVHC 濃度<0.1 %	REACH SVHC
N-甲基吡咯烷酮（NMP）	1-Methyl-2-pyrrolidinone	872-50-4	C_5H_9NO	SVHC 濃度<0.1 %	REACH SVHC
1,2,3 三氯丙烷	1,2,3-Trichloropropane	96-18-4	$C_3H_5Cl_3$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二（C_{6-8} 支鏈與直鏈）烷基酯,富 C_7 鏈(DIHP)	1,2-Benzenedicarboxylicacid,di-C6-8-branched -alkyleaters,C7-rich	71888-89-6	$C_{22}H_{34}O_4$	SVHC 濃度<0.1 %	REACH SVHC
鉻酸鉻	Dichromium tris(chromate)	24613-89-6	Cr_8O_{21}	SVHC 濃度<0.1 %	REACH SVHC
氫氧化鉻酸鋅鉀	Potassium hydroxyoctaoxodizincate di-chromate	11103-86-9	$Cr_2K_2O_8Zn$	SVHC 濃度<0.1 %	REACH SVHC
鋅黃(C.I.顏料黃 36)	Pentazinc chromate octahydroxide	49663-84-5	$CrH_8O_{12}Zn_5$	SVHC 濃度<0.1 %	REACH SVHC
矽酸鋁耐火陶瓷纖維(RCF)	Aluminosilicate Refractory Ceramic Fibres (RCF)）	-	Al_2O_5Si	SVHC 濃度<0.1 %	REACH SVHC Customer required
氧化鋯矽酸鋁耐火陶瓷纖維(Zr-RCF)	Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	SVHC 濃度<0.1 %	REACH SVHC Customer required
甲醛苯胺共聚物	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	$(C_6H_7N{\cdot}CH_2O)x$	SVHC 濃度<0.1 %	REACH SVHC

甲氧基苯胺	2-Methoxyaniline; o-Anisidine	90-04-0	C_7H_9NO	SVHC 濃度<0.1 %	REACH SVHC
對特辛基苯酚	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	$C_{14}H_{22}O$	SVHC 濃度<0.1 %	REACH SVHC
1,2-二氯乙烷	1,2-Dichloroethane	107-06-2	$C_2H_4Cl_2$	SVHC 濃度<0.1 %	REACH SVHC
二乙二醇二甲醚	Bis(2-methoxyethyl) ether	111-96-6	$C_6H_{14}O_3$	SVHC 濃度<0.1 %	REACH SVHC
砷酸	Arsenic acid	7778-39-4	$H_3AsO_4.1/2H_2O$	SVHC 濃度<0.1 %	REACH SVHC
砷酸鈣	Calcium arsenate	7778-44-1	$As_2Ca_3O_8$	SVHC 濃度<0.1 %	REACH SVHC
砷酸鉛	Trilead diarsenate	3687-31-8	$As_2O_8Pb_3$	SVHC 濃度<0.1 %	REACH SVHC
N,N-二甲基乙醯胺	N,N-Dimethylacetamide	127-19-5	C_4H_9NO	SVHC 濃度<0.1 %	REACH SVHC
4,4' -亞甲基雙-2-氯苯胺 (MOCA)	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	$C_{13}H_{12}Cl_2N_2$	SVHC 濃度<0.1 %	REACH SVHC
酚酞	Phenolphthalein	77-09-8	$C_{20}H_{14}O_4$	SVHC 濃度<0.1 %	REACH SVHC
疊氮化鉛	Lead diazide, Lead azide	13424-46-9	N_6Pb	SVHC 濃度<0.1 %	REACH SVHC
2,4,6-三硝基苯二酚鉛	Lead styphnate	15245-44-0	$C_6HN_3O_8Pb$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二甲氧基乙酯	Bis(2-methoxyethyl) phthalate	117-82-8	-	SVHC 濃度<0.1 %	REACH SVHC
苦味酸鉛	Lead dipicrate	6477-64-1	$Pb(C_6H_2N_3O_7)_2$	SVHC 濃度<0.1 %	REACH SVHC
三甘醇二甲醚(TEGDME)	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	$C_8H_{18}O_4$	SVHC 濃度<0.1 %	REACH SVHC
1,2-二甲氧基乙烷(EGDME)	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	$C_4H_{10}O_2$	SVHC 濃度<0.1 %	REACH SVHC
三氧化二硼	Diboron trioxide	1303-86-2	B_2O_3	SVHC 濃度<0.1 %	REACH SVHC
甲醯胺	Formamide	75-12-7	CH_3NO	SVHC 濃度<0.1 %	REACH SVHC

甲基磺酸鉛 Lead(II)	Lead(II)bis(methanesulfonate)	17570-76-2	$C_2H_6O_6PbS_2$	SVHC 濃度<0.1 %	REACH SVHC
1,3,5-三(環氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立體異構體	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	$C_{12}H_{15}N_3O_6$	SVHC 濃度<0.1 %	REACH SVHC
1,3,5-三縮水甘油-S-三嗪三酮	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	$C_{12}H_{15}N_3O_6$	SVHC 濃度<0.1 %	REACH SVHC
4,4'-二(N,N-二甲氨基)二苯甲酮;	4,4'-Bis(dimethylamino)benzophenone	90-94-8	$C_{17}H_{20}N_2O$	SVHC 濃度<0.1 %	REACH SVHC
4,4'-雙(二甲基胺基)-4''-(甲基胺基)三苯甲基醇	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	-	SVHC 濃度<0.1 %	REACH SVHC
N,N,N'N'-四甲基-4,4'-二氨基二苯甲烷	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	$C_{17}H_{22}N_2$	SVHC 濃度<0.1 %	REACH SVHC
鹼性紫 3	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5)	548-62-9	$C_{25}H_{30}ClN_3$	SVHC 濃度<0.1 %	REACH SVHC

	or Michler's base (EC No. 202-959-2)]				
鹼性藍 26	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	$C_{33}H_{32}N_3.Cl$	SVHC 濃度<0.1 %	REACH SVHC
溶劑藍 4	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	$C_{33}H_{33}N_3O$	SVHC 濃度<0.1 %	REACH SVHC
全氟十一烷酸	Henicosafluoroundecanoic acid	2058-94-8	$C_{11}HF_{21}O_2$	SVHC 濃度<0.1 %	REACH SVHC
全氟十二烷酸	Tricosafluorododecanoic acid	307-55-1	$C_{12}HF_{23}O_2$	SVHC 濃度<0.1 %	REACH SVHC
全氟代十四酸	Heptacosafluortetradecanoic acid	376-06-7	$C_{14}HF_{27}O_2$	SVHC 濃度<0.1 %	REACH SVHC

偶氮二甲醯胺	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	$C_2H_4N_4O_2$	SVHC 濃度<0.1 %	REACH SVHC
六氫鄰苯二甲酸酐	Cyclohexane-1,2-dicarboxylic anhydride [1]	85-42-7	$C_8H_{10}O_3$	SVHC 濃度<0.1 %	REACH SVHC
順-1,2-環己烷二羧酸酐	cis-cyclohexane-1,2-dicarboxylic anhydride [2]	13149-00-3	$C_8H_{10}O_3$	SVHC 濃度<0.1 %	REACH SVHC
反-1,2-環己烷二羧酸酐	trans-cyclohexane-1,2-dicarboxylic anhydride [3]	14166-21-3	$C_8H_{10}O_3$	SVHC 濃度<0.1 %	REACH SVHC
甲基六氫苯酐	Hexahydromethylphthalic anhydride [1],	25550-51-0	$C_9H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC
4-甲基六氫苯酐	Hexahydro-4-methylphthalic anhydride [2],	19438-60-9	$C_9H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC
甲基六氫化鄰苯二甲酸酐	Hexahydro-1-methylphthalic anhydride [3],	48122-14-1	$C_9H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC
3-甲基六氫苯二甲酯酐	Hexahydro-3-methylphthalic.anhydride	57110-29-9	$C_9H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC
4-壬基(支鏈與直鏈)苯酚（含有線性或分支、共價綁定苯酚的 9 個碳烷基鏈的物質，包括 UVCB 物質以及任何含有獨立或組合的界定明確的同分異構體的物質）	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also	-	$C_9H_{12}O_3$	SVHC 濃度<0.1 %	REACH SVHC

	UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]				
對特辛基苯酚乙氧基醚（包括界定明確的物質以及 UVCB 物質、聚合物和同系物）	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]-	-	-	SVHC 濃度<0.1 %	REACH SVHC
甲氧基乙酸	Methoxyacetic acid	625-45-6	$C_3H_6O_3$ -	SVHC 濃度<0.1 %	REACH SVHC
N,N-二甲基甲醯胺	N,N-dimethylformamide	68-12-2	C_3H_7NO	SVHC 濃度<0.1 %	REACH SVHC
二丁基二氯化錫(DBTC)	Dibutyltin dichloride (DBTC)	683-18-1	$C_8H_{18}Cl_2Sn$	SVHC 濃度<0.1 %	REACH SVHC
氧化鉛	Lead monoxide (Lead oxide)	1317-36-8	PbO	SVHC 濃度<0.1 %	REACH SVHC
四氧化三鉛	Orange lead (Lead tetroxide)	1314-41-6	Pb_3O_4	SVHC 濃度<0.1 %	REACH SVHC
氟硼酸鉛	Lead bis(tetrafluoroborate)	13814-96-5	B_2F_8Pb	SVHC 濃度<0.1 %	REACH SVHC
鹼式碳酸鉛	Trilead bis(carbonate) dihydroxide	1319-46-6	$2PbCO_3 \cdot Pb(OH)_2$	SVHC 濃度<0.1 %	REACH SVHC
鈦酸鉛	Lead titanium trioxide	12060-00-3	$PbTiO_3$	SVHC 濃度<0.1 %	REACH SVHC
鈦酸鉛鋯	Lead titanium zirconium oxide	12626-81-2	$O_2PbTiZr$	SVHC 濃度<0.1 %	REACH SVHC
矽酸鉛	Silicic acid, lead salt	11120-22-2	$3PbO \cdot 2SiO_2$	SVHC 濃度<0.1 %	REACH SVHC

摻雜鉛的矽酸鋇（鉛含量超出 CLP 指令表述的致生殖毒性 1A、DSD 指令致生殖毒性 1 類的通用限制濃度限值；(EC) No 1272/2008 下指引號為 082-001-00-6 的一組含鉛化合物）	Silicicacid ($H_2Si_2O_5$), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC)	68784-75-8	-	SVHC 濃度<0.1 %	REACH SVHC
溴代正丙烷	1-bromopropane (n-propyl bromide)	106-94-5	C_3H_7Br	SVHC 濃度<0.1 %	REACH SVHC
環氧丙烷	Methyloxirane (Propylene oxide)	75-56-9	C_3H_6O	SVHC 濃度<0.1 %	REACH SVHC
支鏈和直鏈 1，2-苯二羧二戊酯	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	-	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二異戊酯 (DIPP)	Diisopentylphthalate (DIPP)	605-50-5	-	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸正戊基異戊基酯	N-pentyl-isopentylphthalate	776297-69-9	-	SVHC 濃度<0.1 %	REACH SVHC
乙二醇二乙醚	1,2-diethoxyethane	629-14-1	$C_6H_{14}O_2$	SVHC 濃度<0.1 %	REACH SVHC
鹼式乙酸鉛	Acetic acid, lead salt, basic	51404-69-4	$C_4H_6O_4Pb$	SVHC 濃度<0.1 %	REACH SVHC
鹼式硫酸鉛	Lead oxide sulfate	12036-76-9	O_4PbS	SVHC 濃度<0.1 %	REACH SVHC
二鹽基鄰苯二甲酸鉛	[Phthalato(2-)]dioxotrilead	69011-06-9	$C_8H_4O_4Pb$	SVHC 濃度<0.1 %	REACH SVHC

雙（十八酸基）二氧代三鉛	Dioxobis(stearato)trilead	12578-12-0	$C_{36}H_{70}O_6Pb_3$	SVHC 濃度<0.1 %	REACH SVHC
C16-18 脂肪酸鉛鹽	Fatty acids, C16-18, lead salts	91031-62-8	-	SVHC 濃度<0.1 %	REACH SVHC
氨基氰鉛鹽	Lead cynamidate	20837-86-9	CN_2Pb	SVHC 濃度<0.1 %	REACH SVHC
硝酸鉛	Lead dinitrate	10099-74-8	N_2O_6Pb	SVHC 濃度<0.1 %	REACH SVHC
氧化鉛與硫酸鉛的複合物	Pentalead tetraoxide sulphate	12065-90-6	O_8Pb_5S	SVHC 濃度<0.1 %	REACH SVHC
顏料黃 41	Pyrochlore, antimony lead yellow	8012-00-8	-	SVHC 濃度<0.1 %	REACH SVHC
氧化鉛與硫化鉛的複合物	Sulfurous acid, lead salt, dibasic	62229-08-7	-	SVHC 濃度<0.1 %	REACH SVHC
四乙基鉛	Tetraethyllead	78-00-2	$C_8H_{20}Pb$	SVHC 濃度<0.1 %	REACH SVHC
三堿式硫酸鉛	Tetralead trioxide sulphate	12202-17-4	$Pb_4(OH)_2O_2(SO_4)$	SVHC 濃度<0.1 %	REACH SVHC
磷酸氧化鉛	Trilead dioxide phosphonate	12141-20-7	HO_5PPb_3	SVHC 濃度<0.1 %	REACH SVHC
呋喃	Furan	110-00-9	C_4H_4O	SVHC 濃度<0.1 %	REACH SVHC
硫酸二乙酯	Diethyl sulphate	64-67-5	$C_4H_{10}O_4S$	SVHC 濃度<0.1 %	REACH SVHC
硫酸二甲酯	Dimethyl sulphate	77-78-1	$C_2H_6O_4S$	SVHC 濃度<0.1 %	REACH SVHC
3-乙基-2-甲基-2-(3-甲基丁基)惡唑烷	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	$C_{11}H_{23}NO$	SVHC 濃度<0.1 %	REACH SVHC
地樂酚	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	$C_{10}H_{12}N_2O_5$	SVHC 濃度<0.1 %	REACH SVHC
4,4'-二氨基-3,3'-二甲基二苯甲烷	4,4'-methylenedi-o-toluidine	838-88-0	$C_{15}H_{18}N_2$	SVHC 濃度<0.1 %	REACH SVHC
4,4'-二氨基二苯醚及其鹽	4,4'-oxydianiline and its salts	101-80-4	$C_{12}H_{12}N_2O$	SVHC 濃度<0.1 %	REACH SVHC

對氨基偶氮苯	4-aminoazobenzene	60-09-3	-	SVHC 濃度<0.1 %	REACH SVHC
2,4-二氨基甲苯	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	$C_7H_{10}N_2$	SVHC 濃度<0.1 %	REACH SVHC
2-甲氧基-5-甲基苯胺	6-methoxy-m-toluidine (p-cresidine)	120-71-8	$C_8H_{11}NO$	SVHC 濃度<0.1 %	REACH SVHC
4-氨基聯苯	Biphenyl-4-ylamine	92-67-1	$C_{12}H_{11}N$	SVHC 濃度<0.1 %	REACH SVHC
鄰氨基偶氮甲苯	o-aminoazotoluene	97-56-3	$C_{14}H_{15}N_3$	SVHC 濃度<0.1 %	REACH SVHC
鄰甲基苯胺	o-toluidine	95-53-4	C_7H_9N	SVHC 濃度<0.1 %	REACH SVHC
N-甲基乙醯胺	N-methylacetamide	79-16-3	C_3H_7NO	SVHC 濃度<0.1 %	REACH SVHC
全氟十三烷酸	Pentacosafluorotridecanoic acid	72629-94-8	$C_{13}HF_{25}O_2$	SVHC 濃度<0.1 %	REACH SVHC
氧化鎘	Cadmium oxide	1306-19-0	CdO	SVHC 濃度<0.1 %	REACH SVHC
全氟辛酸銨（APFO）	Ammoniumpentadecafluorootanoate (APFO)	3825-26-1	$C_8H_4F_{15}NO_2$	SVHC 濃度<0.1 %	REACH SVHC
全氟辛酸（PFOA）	Pentadecafluorooctanoic acid (PFOA)	335-67-1	$C_8HF_{15}O_2$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二戊(DPP)	Dipentyl phthalate(DPP)	131-18-0	$C_{18}H_{26}O_4$	SVHC 濃度<0.1 %	REACH SVHC
支鏈及直鏈乙氧基壬基酚-包括含有 9 個碳烷基鏈及所有含有含直鏈或支鏈之 9 個碳烷基鏈 UVCB 物質、聚合物及同系物，包括獨立同分異構物及複合物	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-	-	-	SVHC 濃度<0.1 %	REACH SVHC

	defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]				
C.I. 直接紅 28	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	$C_{32}H_{22}N_6O_6S_2Na_2$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二己酯	Dihexyl phthalate	84-75-3	$C_{20}H_{30}O_4$	SVHC 濃度<0.1 %	REACH SVHC
C.I. 直接黑 38	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	$C_{34}H_{29}N_9Na_2O_7S_2$	SVHC 濃度<0.1 %	REACH SVHC
亞乙基硫脲	Imidazolidine-2-thione;2-imidazoline-2-thiol	96-45-7	$C_3H_6N_2S$	SVHC 濃度<0.1 %	REACH SVHC
醋酸鉛	Lead di(acetate)	301-04-2	$C_4H_6O_4Pb$	SVHC 濃度<0.1 %	REACH SVHC
磷酸三(二甲苯)酯	Trixylyl phosphate	25155-23-1	$C_{24}H_{27}0_4P$	SVHC 濃度<0.1 %	REACH SVHC
氯化鎘	Cadmium chloride	10108-64-2	CdCl	SVHC 濃度<0.1 %	REACH SVHC
過硼酸鈉	Sodium peroxometaborate	7632-04-4	NaBO3	SVHC 濃度<0.1 %	REACH SVHC

過硼酸鈉水合物	Sodium perborate；perboric acid, sodium salt	-	-	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二己酯（支鏈和直鏈）	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	$C_{20}H_{30}O_4$	SVHC 濃度<0.1 %	REACH SVHC
硫酸鎘	Cadmium sulphate	10124-36-4, 31119-53-6	$CdSO_4$	SVHC 濃度<0.1 %	REACH SVHC
氟化鎘	Cadmium fluoride	7790-79-6	CdF	SVHC 濃度<0.1 %	REACH SVHC
紫外線吸收劑 328； 2-(2'-羥基-3',5'-二叔戊基苯基)苯並三唑	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1	$C_{22}H_{29}N_3O$	SVHC 濃度<0.1 %	REACH SVHC
紫外線吸收劑 320；2-(2'-羥基-3',5'-二叔丁基苯基)-苯並三唑	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	$C_{20}H_{25}N_3O$	SVHC 濃度<0.1 %	REACH SVHC
10-乙基-4,4-二辛基-7-氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基己酯和 10-乙基-4- [[2-[(2-乙基己基)氧]-2-氧乙 基]硫代]-4-辛基-7-氧-8-氧代 -3,5-二硫代-4-錫代十四酸 2- 乙基己酯的反應產物(DOTE 和 MOTE 的反應產物)	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	SVHC 濃度<0.1 %	REACH SVHC

二正辛基-雙（巯乙酸 2-乙基己酯）錫；DOTE	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	$C_{36}H_{72}O_4S_2Sn$	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二（C6-C6）烷基酯：(癸基，己基，辛基)酯與1，2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量≥0.3%	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	C24H38O4	SVHC 濃度<0.1 %	REACH SVHC
包含以下[1]與[2]之所有單獨立體異構物與其組成。 [1]5-二級丁基-2-(2,4-二甲基 環己-3-烯-1-基)-5-甲基-1,3-二【口号】【口柬】 [2]5-二級丁基-2-(4,6-二甲基 環己-3-烯-1-基)-5-甲基-1,3- 二【口号】【口柬】	5-sec-butyl-2-(2,4-dimethylcyclohex-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] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	SVHC 濃度<0.1 %	REACH SVHC
硝基苯	Nitrobenzene	98-95-3	C6H5NO2	SVHC 濃度<0.1 %	REACH SVHC
2,4-二-叔丁基-6-(5-氯代苯並三唑-2-基)苯酚	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	C20H24ClN3O	SVHC 濃度<0.1 %	REACH SVHC

2-(2H-苯並三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	C20H25N3O	SVHC 濃度<0.1 %	REACH SVHC
1,3-丙烷磺內酯	1,3-Propanesultone	1120-71-4	C3H6O3S	SVHC 濃度<0.1 %	REACH SVHC
全氟壬酸及其鈉鹽和銨鹽	Perfluorononan-1-oic-acidand its sodium and ammonium salts	375-95-1 21049-39- 84149-60-4	C9HF17O2	SVHC 濃度<0.1 %	REACH SVHC
苯並[def]屈（苯並[a]芘）	Benzo[def]chrysene（Benzo[a]pyrene）	50-32-8	C20H12	SVHC 濃度<0.1 %	REACH SVHC
雙酚 A（BPA）	4,4'-isopropylidenediphenol (Bisphenol A)	80-05-7	C15H16O2	SVHC 濃度<0.1 %	REACH SVHC
十九氟癸酸及其鈉和銨鹽	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid Decanoic acid, nonadecafluoro-, sodium salt Ammonium nonadecafluorodecanoate	335-76-2 3830-45-3 3108-42-7	C10HF19O2 - C10HF19O2.H3N	SVHC 濃度<0.1 %	REACH SVHC
支鏈與直鏈的 4-庚基酚（4-HPbl）	4- heptylphenol branched and linear chain (4-HPbl)	-	$C_4H_6O_2$	SVHC 濃度<0.1 %	REACH SVHC
對-(1,1-二甲基丙基)苯酚	p-(1,1-dimethylpropyl)phenol	80-46-6	C11H16O	SVHC 濃度<0.1 %	REACH SVHC

全氟已-1-磺酸及其鹽類	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	-	-	SVHC 濃度<0.1 %	REACH SVHC
1,2-苯并菲	Chrysene	218-01-9, 1719-03-5	C18H12	SVHC 濃度<0.1 %	REACH SVHC
苯[a]蒽	Benz[a]anthracene	56-55-3, 1718-53-2	C18H12	SVHC 濃度<0.1 %	REACH SVHC
硝酸鎘	Cadmium nitrate	10022-68-1, 10325-94-7	Cd(NO3)2	SVHC 濃度<0.1 %	REACH SVHC
氫氧化鎘	Cadmium hydroxide	21041-95-2	CdH2O2	SVHC 濃度<0.1 %	REACH SVHC
碳酸鎘	Cadmium carbonate	513-78-0	CdCO3	SVHC 濃度<0.1 %	REACH SVHC
1,6,7,8,9,14,15,16,17,17,18,18-十二氯五環[12.2.1.16,9.02,13.05,10]十八碳-7,15-二烯(“Dechlorane Plus”TM)[含有其任何單獨的反式和順式異構體或其任何組合]	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 (“Dechlorane Plus”TM) [covering any of its individual anti- and syn-isomers or any combinationthereof]	–	–	SVHC 濃度<0.1 %	REACH SVHC
1,3,4-噻二唑-2,5-二硫醇與甲醛和支鏈和直鏈 4-庚基酚的反應產物(RP-HP) [含有≥0.1%w/w 支鏈和直鏈的 4-庚基酚]	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-	–	–	SVHC 濃度<0.1 %	REACH SVHC

	HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]				
氫化三聯苯	Terphenyl hydrogenated	61788-32-7	-	SVHC 濃度<0.1 %	REACH SVHC
八甲基環四矽氧烷	Octamethylcyclotetrasiloxane (D4)	556-67-2	-	SVHC 濃度<0.1 %	REACH SVHC
鉛	Lead	7439-92-1	-	SVHC 濃度<0.1 %	REACH SVHC
乙二胺	Ethylenediamine	107-15-3	-	SVHC 濃度<0.1 %	REACH SVHC
十二甲基環六矽氧烷	Dodecamethylcyclohexasiloxane (D6)	540-97-6	-	SVHC 濃度<0.1 %	REACH SVHC
氧化硼鈉	Disodium octaborate	12008-41-2	-	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二環己酯	Dicyclohexyl phthalate (DCHP)	84-61-7	-	SVHC 濃度<0.1 %	REACH SVHC
十甲基環五矽氧烷	Decamethylcyclopentasiloxane (D5)	541-02-6	-	SVHC 濃度<0.1 %	REACH SVHC
苯並(G,H,I)苝	Benzo[ghi]perylene	191-24-2	-	SVHC 濃度<0.1 %	REACH SVHC
1,2,4-苯三甲酸酐	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	-	SVHC 濃度<0.1 %	REACH SVHC
2,2-雙(4-羥基苯基)-4-甲基戊烷	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	-	SVHC 濃度<0.1 %	REACH SVHC
苯駢(k)螢蒽	Benzo[k]fluoranthene	207-08-9	-	SVHC 濃度<0.1 %	REACH SVHC
苯駢苊	Fluoranthene	206-44-0 93951-69-0	-	SVHC 濃度<0.1 %	REACH SVHC
菲	Phenanthrene	85-01-8	-	SVHC 濃度<0.1 %	REACH SVHC
芘	Pyrene	129-00-0	-	SVHC 濃度<0.1 %	REACH SVHC

		1718-52-1			
1,7,7-三甲基-3-(苯亞甲基)雙環[2,2,1]庚-2-酮	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	-	SVHC 濃度<0.1 %	REACH SVHC
三(4-壬基苯基，支鏈和直鏈)亞磷酸酯(TNPP) (4-壬基酚 4-NP，支鏈和直鏈濃度≥ 0.1%重量比)	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	SVHC 濃度<0.1 %	REACH SVHC
4-叔丁基苯酚	4-tert-butylphenol	98-54-4	-	SVHC 濃度<0.1 %	REACH SVHC
2-甲氧基乙酸乙酯	2-methoxyethyl acetate	110-49-6	-	SVHC 濃度<0.1 %	REACH SVHC
2,3,3,3-四氟-2- (七氟丙氧基)丙酸，即其鹽類與鹵化醯類(包括它們各自的異構物及其組合)	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	SVHC 濃度<0.1 %	REACH SVHC
2-苄基-2-二甲胺基-4’ -【口末】啉丁醯苯	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	C23H30N2O2	SVHC 濃度<0.1 %	REACH SVHC
2-甲基-1-(4-甲基硫苯基)-2【口末】啉丙-1-酮	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	C15H21NO2S	SVHC 濃度<0.1 %	REACH SVHC
鄰苯二甲酸二異己酯	Diisohexyl phthalate	71850-09-4	C20H30O4	SVHC 濃度<0.1 %	REACH SVHC
全氟丁烷磺酸及其鹽類	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	SVHC 濃度<0.1 %	REACH SVHC

1-乙烯基咪唑	1-vinylimidazole	1072-63-5	---	SVHC 濃度<0.1 %	REACH SVHC
2-甲基咪唑	2-methylimidazole	693-98-1	---	SVHC 濃度<0.1 %	REACH SVHC
4-羥基苯甲酸丁酯	butyl 4-hydroxybenzoate	94-26-8	---	SVHC 濃度<0.1 %	REACH SVHC
二丁基雙(2,4-戊二酮基)錫	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	---	SVHC 濃度<0.1 %	REACH SVHC
四乙二醇二甲醚	bis(2-(2-methoxyethoxy) ethyl) ether	143-24-8	---	SVHC 濃度<0.1 %	REACH SVHC
二月桂酸二辛基錫, 錫烷，二辛基-，雙椰油醯氧基衍生物，及其它錫烷，二辛基-，雙脂肪醯氧基衍生物(其中 C12 為脂肪醯氧基部分的主要碳原子數)	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	---	---	SVHC 濃度<0.1 %	REACH SVHC
2-(4-叔丁基苄基)丙醛及其各自立體異構物	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	---	---	SVHC 濃度<0.1 %	REACH SVHC
硼酸鈉鹽	Orthoboric acid, sodium salt	13840-56-7	---	SVHC 濃度<0.1 %	REACH SVHC
2,2-雙(溴甲基)-1,3-丙二醇 3-溴-2,2-雙(溴甲基)-1-丙醇	2,2-bis(bromomethyl)propane 1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative	3296-90-0 36483-57-5/	---	SVHC 濃度<0.1 %	REACH SVHC

2,3-二溴-1-丙醇	3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	1522-92-5 96-13-9			
戊二醛	Glutaral	111-30-8	---	SVHC 濃度<0.1 %	REACH SVHC
中鏈氯化石蠟[UVCB物質包含大於或等於80%的直鏈氯代烷烴，碳鏈長度在C14至C17範圍內]	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	---	---	SVHC 濃度<0.1 %	REACH SVHC
透過由寡聚物反應烷基化的酚產物(主要在對位位置)具有12個碳支鏈或直鏈，並涵蓋其他同分異構物與/或其它組合	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	---	---	SVHC 濃度<0.1 %	REACH SVHC
1,4-二氧陸圜	1,4-dioxane	123-91-1	---	SVHC 濃度<0.1 %	REACH SVHC
雙酚B	4,4'-(1-methylpropylidene) bisphenol; (bisphenol B)	77-40-7	---	SVHC 濃度<0.1 %	REACH SVHC
三(2-甲氧基乙氧基)乙烯基矽烷	tris(2-methoxyethoxy)vinylsilane	1067-53-4	---	SVHC 濃度<0.1 %	REACH SVHC
硫-(三環[5.2.1.0'2,6]癸-3-烯-	S-(tricyclo(5.2.1.0'2,6)deca-	255881-94-8	---	SVHC 濃度<0.1 %	REACH SVHC

8(或9)-基) 氧-(異丙基或異丁基或2-乙基己基) 氧-(異丙基或異丁基或2-乙基己基)二硫代磷酸酯	3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate				
6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚 (DBMC)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	---	SVHC 濃度<0.1 %	REACH SVHC
(±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚烷-2-酮，包括各個異構體和/或其組合 (4-MBC)	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	---	SVHC 濃度<0.1 %	REACH SVHC

	(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one				
N-(羥甲基)丙烯醯胺	N-(hydroxymethyl)acrylamide	924-42-5	C4H7NO2	SVHC 濃度<0.1 %	REACH SVHC
1,2-二(2,4,6-三溴苯氧基)乙烷	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	C14H8Br6O2	SVHC 濃度<0.1 %	REACH SVHC
四溴雙酚A	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	C15H12Br4O2	SVHC 濃度<0.1 %	REACH SVHC
雙酚S	4,4'-sulphonyldiphenol	80-09-1	C12H10O4S	SVHC 濃度<0.1 %	REACH SVHC
偏硼酸鋇	Barium diboron tetraoxide	13701-59-2	---	SVHC 濃度<0.1 %	REACH SVHC
雙(2-乙基己基)四溴鄰苯二甲酸酯，覆蓋任何單個異構體和/或其組合	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	---	---	SVHC 濃度<0.1 %	REACH SVHC
4-羥基苯甲酸 2-甲基丙酯	Isobutyl4-hydroxybenzoate	4247-02-3	C11H14O3	SVHC 濃度<0.1 %	REACH SVHC

三聚氰胺	Melamine	108-78-1	C3H6N6	SVHC 濃度<0.1 %	REACH SVHC
全氟庚酸及其鹽類	Perfluoroheptanoic acid and its salts	---	---	SVHC 濃度<0.1 %	REACH SVHC
2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)嗎啉和2,2,3,3,5,5,5,6,6-八氟烷-4-(七氟丙基)嗎啉的反應物料	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	---	---	SVHC 濃度<0.1 %	REACH SVHC
二苯基(2,4,6-三甲基苯甲醯基)膦氧化物	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	C22H21O2P	SVHC 濃度<0.1 %	REACH SVHC
雙(4-氯苯基)碸	Bis(4-chlorophenyl) sulphone	80-07-9	C12H8Cl2O2S	SVHC 濃度<0.1 %	REACH SVHC

2.1.4 REACH Annex XVII

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
多氯代三聯苯	Polychlorinated Terphenyls (PCTs)	-	-	Banned	REACH Annex XVII
氯乙烯	Chloroethylene (Vinyl chloride)	75-01-4	CH_2CHCl	Propellant in aerosols: Banned	REACH Annex XVII
磷酸三(2,3-二溴丙基)酯	Tris(2,3-Dibromopropyl)phosphate	126-72-7	C9H15Br6O4P	textile: Banned	REACH Annex XVII
單甲基二溴二苯基甲烷	Monomethyl-dibromo-diphenyl methane(DBBT)	99688-47-8	C14H12Br2	Banned	REACH Annex XVII
溴苯甲基甲苯異構物混合物	Bromobenzylbromotoluene, mixture of isomers	-	-	Banned	REACH Annex XVII
鎳及其化合物	Nickel and its compounds	7440-02-0	Ni	Shall not be used: (a) in any post assemblies which are inserted into pierced ears and other pierced parts of the human body unless the rate of nickel release from such post assemblies is less than 0,2 µg/cm²/week; (b) in articles intended to come into direct and prolonged contact with the skin	REACH Annex XVII
(硫酸鉛)硫化物	sulphuric acid, lead salt	7446-14-2 15739-80-7	PbxSO4	Paints: Banned	REACH Annex XVII
氯化烷烴(10-13 個碳原子)	Alkanes,C10-C13	608-73-1	C6H6Cl6	Banned	REACH Annex XVII
短鏈氯化石蠟	Short-chain chlorinated paraffins	85535-84-8	-	Banned	REACH Annex XVII

硫化鉛	LEAD(II) SULFIDE	1314-87-0	PbS	Banned	REACH Annex XVII
單甲基二氯二苯基甲烷 商品名：Ugilec 121，Ugilec 21	Monomethyl-dichloro-diphenyl methane	-	-	Banned	REACH Annex XVII
中性無水碳酸鉛(碳酸 铅)	Cerussite;Dibasic lead carbonate;Lead(2+)carbonate;Plumbous carbonate	598-63-0	CH2O3Pb	Banned	REACH Annex XVII
根據理事會指令 67/548/EEC 和指令 1999/45/EC 視爲危險的液體物質或製 備	Liquid substances or preparations, which are regarded as dangerous according to the definitions in Council Directive 67/548/EEC and Directive 1999/45/EC	-	-	Ornamental articles intended to produce light or colour effects, tricks and jokes, and games: : Banned Extra labelling requirement for lamp oils and grill lighters	REACH Annex XVII
苯	Benzene	71-43-2	C_6H_6	Toys or toy parts (free status) <5ppm Article <1000ppm	REACH Annex XVII
石綿纖維： a. 青石綿 b. 鐵石綿 c. 直閃石 d. 陽起石 e. 透閃石 f. 溫石綿	Asbestos fibres (a)Crocidolite (b) Amosite (c)Anthophyllite (d)Actinolite (e) Tremolite (f) Chrysotile	12001-28-4 12172-73-5 77536-67-5 77536-66-4 77536-68-6 12001-29-5＆ 132207-32-0	-	Banned	REACH Annex XVII
絕育磷(TEPA)	Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	C6H12N3OP	Textile articles: Banned	REACH Annex XVII
聚溴二苯；聚溴化二苯（PBB）	Polybromobiphenyls; Polybrominatedbiphenyls (PBB)	59536-65-1	-	Textile articles: Banned	REACH Annex XVII

(a)肥皂樹皮粉（Quillaja saponaria）及其含有皂苷的衍生物 (b)Helleborus viridis 和 Helleborus (毛根料)樹根的粉末 (c) Veratrum album 和 Veratrum nigrum(藜蘆)樹根粉 (d)對二胺基聯苯和或其衍生物 (e)鄰-硝基苯甲醛 (f)木材粉	(a) Soap bark powder (Quillaja saponaria) and its derivatives containing saponines (b) Powder of the roots of Helleborus viridis and Helleborus niger (c) Powder of the roots of Veratrum album and Veratrum nigrum (d) Benzidine and/or its derivatives (e) o-Nitrobenzaldehyde (f) Wood powder	68990-67-0 92-87-5 552-89-6	-	Jokes and hoaxes, or mixtures or articles intended to be used as such: Banned	REACH Annex XVII
硫化銨 硫氫化銨 多硫化銨	Ammonium sulphide Ammonium hydrogen sulphide Ammonium polysulphide	12135-76-1 12124-99-1 9080-17-5	-	Jokes and hoaxes, or mixtures or articles intended to be used as such: Banned	REACH Annex XVII
溴乙酸的揮發酯類： 溴乙酸甲酯 溴乙酸乙酯 溴乙酸丙酯 溴乙酸丁酯	.Volatile esters of bromoacetic acids: Methyl bromoacetate Ethyl bromoacetate Propyl bromoacetate Butyl bromoacetate	96-32-2 105-36-2 35223-80-4 18991-98-5	-	Jokes and hoaxes, or mixtures or articles intended to be used as such: Banned	REACH Annex XVII
2-萘胺及其鹽 對二氨基聯苯及其鹽 4-硝基聯苯 4-氨基聯苯;苯基苯胺及其鹽	2-Naphthylamine and its salts Benzidine and its salts 4-Nitrobiphenyl 4-Aminobiphenyl xenylamine and its salts	91-59-8 92-87-5 92-93-3 92-67-1	-	Substances or in mixtures <1000ppm	REACH Annex XVII

鉛的碳化物 a) 中性無水碳酸鉛 (PbCO3) b) 三鉛-二碳酸根-氫氧化鉛的硫化物 a) PbSO4(1:1) b) PbxSO4	Lead carbons: (a)Neutral anhydrous carbonate (PbCO3) (b)Trilead-bis(carbonate)dihydroxide 2 Pb CO3-Pb(OH)2 Lead sulphates (a) PbSO4 (1:1) (b) Pbx SO4	598-63-0 1319-46-6 7446-14-2 15739-80-7	-	Paints: Banned	REACH Annex XVII
汞化合物	Mercury compound	-	-	Banned: Substances or in mixture for preventing the fouling by micro-organisms, plants or animals, preservation of wood, impregnation of heavy-duty industrial textiles and treatment of industrial waters	REACH Annex XVII
汞	Mercury	7439-97-6	-	Thermometers and certain measuring devices: Banned	REACH Annex XVII
砷化合物	Arsenic compounds	-	-	Substances or in mixture for preventing the fouling by micro-organisms, plants or animals, preservation of wood and treatment of industrial waters: Banned	REACH Annex XVII
有機錫化合物	Organostannic compounds	-	-	Banned as biocides in free association paint and for preventing the fouling by micro-organisms, plants or animals. Banned in use for the treatment of industrial waters. The concentration of Tributyltin (TBT) compounds, triphenyltin (TPT) compounds, Dibutyltin (DBT) compounds, and Dioctyltin (DOT) compounds in articles supplied to the public and their parts shall be less than 0.1 % by weight of tin.	REACH Annex XVII

				Typical articles include textile, gloves and childcare articles.	
二-μ-氧-正丁基錫羥基硼烷 二丁基錫氫硼烷 (C8H19BO3Sn(DBB)	Di-μ- oxo- di- n-butylstanniohydroxyborane dibutyltin hydrogen borate; C8H19BO3Sn(DBB)	75113-37-0	-	<1000ppm	REACH Annex XVII
五氯代苯酚及其鹽類和酯類	Pentachlorophenol	87-86-5	-	<1000ppm	REACH Annex XVII
鎘及其化合物	Cadmium	7440-43-9	-	The concentration of cadmium (expressed as Cd metal) in mixtures and articles produced from plastic materials (such as PVC), brazing fillers, metal beads, metal parts of jewellery shall be less than 0.01%. The limit is 0.1% for recovered PVC. Shall not be used or placed on the market in paints with codes [3208] [3209] in a concentration (expressed as Cd metal) equal to or greater than 0,01 % by weight. Shall not be used for cadmium plating metallic articles or components of the articles used in certain applications.	REACH Annex XVII
單甲基四氯二苯基甲烷 商品名：Ugilec 141	Monomethyl – tetrachlorodiphenyl methane Trade name: Ugilec 141	76253-60-6	-	Banned	REACH Annex XVII
* 屬於(EC)1272/2008 號法規附件 VI 第 3 部分中列為 1A 類或 1B 類致癌物質（表 3.1)或 1 類或 2 類致癌物質的物質（表 3.2) * 屬於(EC)1272/2008 號法規附件 VI 第 3 部分中列	* Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B (Table 3.1) or carcinogen category 1 or 2 (Table 3.2)	-	-	Shall not be placed on the market, or used, as substances, as constituents of other substances, or, in mixtures, for supply to the general public if the individual concentration exceeds concentration limits (0.1%).	REACH Annex XVII

為基因突變性物質類別 1A 或 1B(表 3.1)或致突變性物質類別 1 或 2 的物質(表 3.2) * 屬於(EC)1272/2008 號法規附件 VI 第 3 部分中的物質被歸類為生殖毒性物質類別 1A 或 1B (表 3.1) 或致生殖毒性物質類別 1 或 2 的物質 (表 3.2)	* Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B (Table 3.1) or mutagen category 1 or 2 (Table 3.2) * Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B (Table 3.1) or toxic to reproduction category 1 or 2 (Table 3.2)				
(a)雜酚油；清洗用油 (b)雜酚油；清洗用油((c)石腦油蒸餾物 (d)雜酚油，苊的餾分；清洗用 (e)乾餾油 (煤焦油) ，上層餾分； 重蒽油 (f)蒽油(Anthracene oil) (g)焦油酸，煤，原油；粗苯酚 (h)雜酚油，木材 (i)鹼性的低溫焦油；煤取物中 的鹼性低溫焦油	(a) creosote; wash oil (b) creosote oil; wash oil (c)distillates (coal tar), naphthalene oils; naphthalene oil (d)creosote oil, acenaphthene fraction; wash oil (e)distillates (coal tar), upper; heavy anthracene oil (f)anthracene oil (g) tar acids, coal, crude; crude phenols (h) creosote, wood (i) low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline	(a)8001-58-9 (b)61789-28-4 (c)84650-04-4 (d)90640-84-9 (e)65996-91-0 (f)90640-80-5 (g)65996-85-2 (h)8021-39-4 (i)122384-78-5	-	Substance or in mixtures for wood treatment: Banned	REACH Annex XVII

氯仿 1, 1, 2-三氯乙烷 1, 1, 2, 2-四氯乙烷 1, 1, 1, 2-四氯乙烷 五氯乙烷 1, 1-二氯乙烯	Chloroform 1,1,2 Trichloroethane 1,1,2,2 Tetrachloroethane 1,1,1,2 Tetrachloroethane Pentachloroethane 1,1 Dichloroethylene	67-66-3 79-00-5 79-34-5 630-20-6 76-01-7 75-35-4	-	Shall not be placed on the market, or used, as substances, as constituents of other substances, or in mixtures in concentrations equal to or greater than 0,1 % by weight, where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics.	REACH Annex XVII
物質分類為可燃物， 氣體類別 1 或 2，易燃 液體類 1，2 或 3， 易燃固體第 1 類或 2， 物質和混合物，在 與水接觸，放出易燃 氣體，第 1 類，2 或 3，發火 液體類 或易燃固體類 1，無論 無論他們出現在規範 1272/2008 第 3 部分附件 VI 或不是	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not	-	-	Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes	REACH Annex XVII
六氯乙烷	Hexachloroethane	67-72-1	-	Substance or in mixture for use in the manufacturing or processing of non-ferrous metals: Banned	REACH Annex XVII
偶氮著色劑與偶氮染料	Azocolourants and Azodyes	-	-	Textile and leather articles which may come into direct and prolonged contact with the human skin or oral cavity <30ppm Colouring textile and leather articles as a substance or constituent of preparations<1000ppm	REACH Annex XVII

二苯醚的八溴代衍生物	Diphenylether, octabromo derivative	-	C12H2Br8O	<1000ppm	REACH Annex XVII
(a)壬基酚 (b)壬基酚聚乙氧基醚	(a)Nonylphenol (b)Nonylphenol ethoxylate	-	(a)C6H4(OH)C9H19 (b)(C2H4O)nC15H24O)	Domestic, industrial and institutional cleaning products, textiles and leather processing, emulsifier in agricultural teat dips, metal working, manufacturing of pulp and paper, cosmetic products, and co-formulants in pesticides and biocides <1000ppm	REACH Annex XVII
壬基酚聚乙氧基醚	Nonylphenol ethoxylate (NPE)	-	(C2H4O)nC15H24O	Textile article <100ppm	REACH Annex XVII
六價鉻化合物	Chromium VI compounds	-	-	1.Less than 2 mg/kg (0,0002%) soluble chromium VI of the total dryweight of the cement and cement-mixtures (some exemptions apply). 2.Leather articles and leather parts coming into contact with the skin shall not be placed on the market where they contain chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of the leather.	REACH Annex XVII
甲苯	Toluene	108-88-3	-	Adhesives or spray paints intended for supply to the general public<1000ppm	REACH Annex XVII
三氯苯	Trichlorobenzene	120-82-1	-	<1000ppm	REACH Annex XVII
多環芳香族化合物(PAHs)： (a) 苯并[a]芘 (b) 苯并[e]芘 (c) 苯并[a]蒽	Polycyclic-aromatic hydrocarbons (PAH) (a) Benzo[a]pyrene (BaP) (b) Benzo[e]pyrene (BeP) (c)Benzo[a]anthracene(BaA)	(a)50-32-8 (b)192-97-2 (c)56-55-3 (d)218-01-9 (e)205-99-2	-	Extender oil for type production: BaP<1ppm, sum of all listed PAHs<10ppm Rubber or plastic components come into direct as well as prolonged or short-term repetitive contact	REACH Annex XVII

(d) 屈 (e) 苯并[b]熒蒽 (f) 苯并[j]熒蒽 (g) 苯并[k]熒蒽 (h) 二苯并[a,h]蒽	(d)Chrysen(CHR) (e)Benzo[b]fluoranthene(BbFA) (f)Benzo[j]fluoranthene(BjFA) (g)Benzo[k]fluoranthene(BkFA) (h)Dibenzo[a,h]anthracene(DBAhA)	(f)205-82-3 (g)207-08-9 (h)53-70-3		with the human skin or the oral cavity: any of the listed PAHs<1ppm Toys, including activity toys, and childcare articles if any of their rubber or plastic components that come into direct as well as prolonged or shortterm repetitive contact with the human skin or the oral cavity: any of the listed PAHs<0.5ppm	
鄰苯二甲酸酯類 (a) 鄰苯二甲酸二(2-乙基己基)酯 (b) 鄰苯二甲酸二丁酯 (c) 鄰苯二甲酸甲苯基丁酯	Phthalates (a)bis(2-ethylhexyl)phthalate (DEHP) (b)dibutyl phthalate (DBP) (c)benzyl butyl phthalate (BBP)	(a)117-81-7 (b)84-74-2 (c)85-68-7	-	The plasticised material in toys and childcare articles<1000ppm	REACH Annex XVII
鄰苯二甲酯類 (a) 鄰苯二甲酸二異壬酯 (b) 鄰苯二甲酸二異葵酯 (c) 鄰苯二甲酸二辛酯	Phthalates (a)di-"isononyl"phthalate (DINP) (b)di-"isodecyl" phthalate (DIDP) (c)di-n-octyl phthalate (DNOP)	(a) 28553-12-0; 68515-48-0 (b) 26761-40-0; 68515-49-1 (c) 117-84-0	-	The plasticised material, in toys and childcare articles which can be placed in the mouth by children<1000ppm	REACH Annex XVII
二乙二醇单甲醚	2-(2-methoxyethoxy)ethanol (DEGME)	111-77-3	-	Constituent of paints, paint strippers, cleaning agents, self-shining emulsions or floor sealants <1000ppm	REACH Annex XVII
二甘醇一丁醚	2-(2-butoxyethoxy)ethanol (DEGBE)	112-34-5	-	Spray paints or spray cleaners in aerosol dispensers <3%(w/w)	REACH Annex XVII
二苯基甲烷二異氰酸酯 包含以下特定同分異構物 (a)4,4 ' - Methylenediphenyl diisocyanate	Methylenediphenyl diisocyanate (MDI) including the following specific isomers: (a)4,4' - Methylenediphenyl diisocyanate	26447-40-5 (a) 101-68-8 (b) 5873-54-1 (c) 2536-05-2	-	<1000ppm (Exemption: hot melt adhesives)	REACH Annex XVII

(b)2,4 ' - Methylenediphenyl diisocyanate (c)2,2 ' - Methylenediphenyl diisocyanate:	(b)2,4' -Methylenediphenyl diisocyanate (c)2,2' - Methylenediphenyl diisocyanate				
環已烷	Cyclohexane	110-82-7	-	neoprene-based contact adhesives supplied to the general public in package sizes greater than 350 g<0.1%	REACH Annex XVII
硝酸氨	Ammonium nitrate, AN	6484-52-2	-	Nitrogen in relation to ammonium nitrate for use as a solid fertilizer<28% Other mixture except certain uses<16%	REACH Annex XVII
二氯甲烷	Dichloromethane	75-09-2	-	Paint strippers<1000ppm	REACH Annex XVII
丙烯醯胺	Acrylamide	79-06-1	-	Grouting applications<1000ppm	REACH Annex XVII
富馬酸二甲酯	Dimethylfumarate (DMFu)	624-49-7	-	<0.1ppm	REACH Annex XVII
(a) 醋酸苯汞 (b) 丙酸苯汞 (c) 異辛酸苯汞 (d) 辛酸苯汞 (e) 新癸酸苯汞	(a) Phenylmercury acetate (b) Phenylmercury propionate (c)Phenylmercury 2-ethylhexanoate (d) Phenylmercury octanoate (e)Phenylmercury neodecanoate	(a)62-38-4 (b)103-27-5 (c)13302-00-6 (d) 13864-38-5 (e)26545-49-3	-	Mercury in mixture<0.01%	REACH Annex XVII
鉛及鉛化合物	Lead and its compounds	7439-92-1	-	lead in any individual part of jewellery articles<0.05% lead in articles supplied to the general public if those articles or accessible parts thereof may,	REACH Annex XVII

				during normal or reasonably foreseeable conditions of use, be placed in the mouth by children<0.05%	
1,4-二氯苯	1,4-dichlorobenzene	106-46-7	-	Air freshener or deodoriser<1000ppm	REACH Annex XVII
無機銨鹽	Inorganic ammonium salts	-	-	Banned in cellulose insulation mixtures or cellulose insulation articles after 14 July 2018 unless the emission of ammonia from those mixtures or articles results in a concentration of less than 3 ppm by volume (2,12 mg/m3) under specified test conditions	REACH Annex XVII
雙酚 A	Bisphenol A	80-05-7	-	Thermal paper <200ppm	REACH Annex XVII
十溴聯苯醚	Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE)	1163-19-5	-	Substance: Banned. Article or its part<0.1% Exemptions: spare parts of aircraft, vehicles or machines, electrical and electronic equipment	REACH Annex XVII
全氟辛酸（PFOA）	Perfluorooctanoic acid (PFOA) and its salts	335-67-1	-	Banned as a substance from 4 July 2020. Less than 25 ppb of PFOA including its salts or 1 000 ppb of one or a combination of PFOA-related substances in mixture and article. Certain applications are exempt.	REACH Annex XVII
甲醇	Methanol	67-56-1	-	Windscreen washing or defrosting fluids< 0.6%	REACH Annex XVII
八甲基環四矽氧烷 十甲基環五矽氧烷	Octamethylcyclotetrasiloxane (D4) Decamethylcyclopentasiloxane (D5)	556-67-2 541-02-6	-	Wash-off cosmetics<0.1%	REACH Annex XVII

N-甲基吡咯烷酮（NMP）	1-methyl-2-pyrrolidone(NMP)	872-50-4	-	Shall not be placed on the market as a substance on its own or in mixtures in a concentration equal to or greater than 0.3 % after 9 May 2020.	REACH Annex XVII
紡織品和鞋類中的 CMR 物質	CMR substances in textiles and footwear (link)	-	-	Various restriction limits	REACH Annex XVII

2.1.5 EU 2006/122/EC PFOS, implemented in June 2008

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
全氟辛烷磺酸	PFOS	1763-23-1	$C_8HF_{17}O_3S$	Substance or preparation <50ppm	2006/122/EC
				Article <1000ppm	
				Textiles or paints <1μg/m2	

2.1.6 EU Packaging Materials Directive 2013/2/EU, implemented in September 2013

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
鉛+汞+鎘+鉻（VI）	Pb +Hg +Cd +Cr(VI)	-	-	Pb +Hg +Cd +Cr(VI) <100ppm	EU Packaging Materials（2013/2/EU）

2.1.7 EU Battery Directive 2013/56/EU, implemented in July 2015

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
汞	Hg	-	-	Battery <5ppm	EU Battery（2013/56/EU）
鎘	Cd	-	-	Battery<20ppm	EU Battery（2013/56/EU）

2.1.8 EU Organostannic Compound Directive 2009/425/EC

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
三代有機錫化合物	Tri-substituted Organostannic Compounds (e.g. tributyltin (TBT) and triphenyltin (TPT) compounds)	-	-	<1000ppm	2009/425/EC

2.1.9 French Mineral Oil Directive

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
Mineral oil aromatic hydrocarbons (MOAH) consisting of 1 to 7 aromatic rings	MOAH (Mineral oil aromatic hydrocarbons)	-	-	1 to 7 aromatic rings: Before December 31, 2024 - 1%(10,000ppm) From January 1, 2025 - 0.1%(1,000ppm) 3 to 7 aromatic rings: From January 1, 2025 - 0.0001%(1ppm)	N/A
Mineral oil saturated hydrocarbons (MOSH) consisting of 16 to 35 carbon atoms	MOSH (Mineral oil saturated hydrocarbons)			From January 1, 2025 - 0.1%(1,000ppm)	N/A

2.2 China

2.2.1 China《Requirements of concentration limits for certain restricted substances in electrical and electronic products》

GB/T 26572-2011, implemented in August 2011.

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
汞	Mercury(Hg) and its compounds	-	-	<1000ppm	-
鉛	Lead(Pb) and its compounds	-	-	<1000ppm	-
鎘	Cadmium(Cd) and its compounds	-	-	<100ppm	-
六價鉻	Hexavalent chromium(Cr 6+) and its compounds	-	-	<1000ppm	-
多溴聯苯	Polybrominated Biphenyls (PBB)	-	-	<1000ppm	-
多溴聯苯醚	Polybrominated Diphenyl Ethers (PBDE)	-	-	<1000ppm	-

2.2.2 China《Marking for the restriction of the use of hazardous substances in electrical and electronic product》

SJ/T11364-2014, implemented in July 2016.

Marking name	Marking
Contains no harmful substances	
Contains harmful substances	

2.3 Taiwan

2.3.1 Taiwan《Poison Management》

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
001	01	多氯聯苯	Polychlorinated biphenyls	$C_{12}H_{10}$-xClx（1≦x≦10）	1336-36-3等	0.1	50註6 Note6	1,2	77.06.22 88.07.19 88.12.24 89.10.25 89.12.20
002	01	可氯丹	Chlordane	$C_{10}H_6Cl_8$	57-74-9	1	50註6 Note6	1,3	77.06.24 88.07.19 88.12.24 89.10.25
003	01	石綿	Asbestos	5.5FeO,1.5MgO,8SiO_2, H_2O	1332-21-4	1註7 Note7	500	2	78.05.01 80.02.27 85.10.17 86.02.26 87.07.07 87.12.01 88.07.19 88.12.24 89.10.25 94.12.30 98.07.31 101.02.02 102.01.24 106.05.10
004	01	地特靈	Dieldrin	$C_{12}H_8Cl_6O$	60-57-1	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
005	01	滴滴涕	4,4-Dichlorodiphenyl-trichloroethane(DDT)	$C_{14}H_9Cl_5$	50-29-3	1	50 註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
006	01	毒殺芬	Toxaphene	$C_{10}H_{10}Cl_8$	8001-35-2	1	50 註6 Note6	1	78.05.02 88.07.19 88.12.24 89.10.25
007	01	五氯酚	Pentachlorophenol	C_6Cl_5OH	87-86-5	0.01	50 註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
007	02	月桂酸五氯苯酯	Pentachlorophenyl laurate	$C_{18}H_{23}Cl_5O_2$	3772-94-9	0.01	50 註6 Note6	1,3	107.06.28
008	01	五氯酚鈉	Sodium pentachlorophenate	C_6Cl_5ONa	131-52-2	0.01	50 註6 Note6	3	78.05.02 88.07.19 88.12.24 89.10.25
009	01	甲基汞	Methylmercury	CH_3Hg	22967-92-6	1	50 註6 Note6	1	78.05.02 88.07.19 88.12.24 89.10.25

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
010	01	安特靈	Endrin	$C_{12}H_8Cl_6O$	72-20-8	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
011	01	飛佈達	Heptachlor	$C_{10}H_5Cl_7$	76-44-8	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
012	01	蟲必死	Hexachlorocyclohexane	$C_6H_6Cl_6$	319-84-6 319-85-7 319-86-8 6108-10-7	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
013	01	阿特靈	Aldrin	$C_{12}H_8Cl_6$	309-00-2	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
014	01	二溴氯丙烷	1,2-Dibromo-3-chloropropane (DBCP)	$CH_2BrCHBrCH_2Cl$	96-12-8	1	50註6 Note6	1,2,3	78.05.02 88.07.19 88.12.24 89.10.25
015	01	福賜松	Leptophos	$C_6H_5PS(OCH_3)OC_6H_2BrCl_2$	21609-90-5	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘社登記號碼註2 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
016	01	克氯苯	Chlorobenzilate	$C_{16}H_{14}Cl_2O_3$	510-15-6	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
017	01	護谷	Nitrofen	$C_{12}H_7Cl_2NO_3$	1836-75-5	1	50註6 Note6	2	78.05.02 88.07.19 88.12.24 89.10.25
018	01	達諾殺	Dinoseb	$C_6H_2(NO_2)_2(C_4H_9)OH$	88-85-7	1	50	1,3	78.05.02 88.07.19 88.12.24 89.10.25 90.06.21
019	01	靈丹	Lindane (γ-BHC, or γ-HCH)	$C_6H_6Cl_6$	58-89-9	1	50註6 Note6	1,3	78.05.02 88.07.19 88.12.24 89.10.25
022	01	汞	Mercury	Hg	7439-97-6	95	50	1	80.12.07 88.07.19 88.12.24 89.10.25 90.06.21 98.07.31 108.07.05

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023	01	五氯硝苯	Pentachloronitrobenzene	$C_6Cl_5NO_2$	82-68-8	1	50 註6 Note6	1	80.12.07 88.07.19 88.12.24 89.10.25
024	01	亞拉生長素	Daminozide	$(CH_3)_2NNHCOCH_2CH_2COOH$	1596-84-5	1	50 註6 Note6	1	80.12.07 88.07.19 88.12.24 89.10.25
025	01	氰乃淨	Cyanazine	$C_9H_{13}ClN_6$	21725-46-2	1	50 註6 Note6	2	80.12.07 88.07.19 88.12.24 89.10.25
026	01	樂乃松	Fenchlorphos	$C_8H_8Cl_3O_3PS$	299-84-3	1	50 註6 Note6	1	80.12.07 88.07.19 88.12.24 89.10.25
027	01	四氯丹	Captafol	$C_{10}H_9Cl_4NO_2S$	2425-06-1	1	50 註6 Note6	2,3	80.12.07 88.07.19 88.12.24 89.10.25
028	01	蓋普丹	Captan	$C_9H_8Cl_3NO_2S$	133-06-2	1	50 註6 Note6	1,3	80.12.07 88.07.19 88.12.24 89.10.25 99.12.24

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
029	01	福爾培	Folpet	$C_9H_4Cl_3NO_2S$	133-07-3	1	50 註6 Note6	3	80.12.07 88.07.19 88.12.24 89.10.25
030	01	錫蟎丹	Cyhexatin	$(C_6H_{11})_3SnOH$	13121-70-5	1	50 註6 Note6	3	80.12.07 88.07.19 88.12.24 89.10.25
031	01	α-氰溴甲苯	α -Bromobenzyl cyanide	$C_6H_5CHBrCN$	5798-79-8	1	50 註6 Note6	3	81.08.08 88.07.19 88.12.24 89.10.25
032	01	二氯甲醚	Bis-Chloromethyl ether	$(CH_2Cl)_2O$	542-88-1	1	50 註6 Note6	2,3	81.08.08 88.07.19 88.12.24 89.10.25
033	01	對-硝基聯苯	P-Nitrobiphenyl	$C_6H_5C_6H_4NO_2$	92-93-3	1	50 註6 Note6	1,2	81.08.08 88.07.19 88.12.24 89.10.25
034	01	對-胺基聯苯	P-Aminobiphenyl	$C_6H_5C_6H_4NH_2$	92-67-1	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
034	02	對-胺基聯苯鹽酸鹽	P-Aminobiphenyl Hydrochloride	$C_6H_5C_6H_4NH_2 \cdot HCl$	2113-61-3	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
035	01	2-萘胺	2-Naphthylamine	$C_{10}H_7NH_2$	91-59-8	1	50 註6 Note6	1,2	81.08.08 88.07.19 88.12.24 89.10.25
035	02	2-萘胺醋酸鹽	2-Naphthylamine acetate	$C_{10}H_7NH_2 \cdot CH_3COOH$	553-00-4	1	50 註6 Note6	1,2	81.08.08 88.07.19 88.12.24 89.10.25
035	03	2-萘胺鹽酸鹽	2-Naphthylamine Hydrochloride	$C_{10}H_7NH_2 \cdot HCl$	612-52-2	1	50 註6 Note6	1,2	81.08.08 88.07.19 88.12.24 89.10.25
036	01	聯苯胺	Benzidine	$(NH_2C_6H_4)_2$	92-87-5	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	02	聯苯胺醋酸鹽	Benzidine acetate	$(NH_2C_6H_4)_2 \cdot CH_3COOH$	36341-27-2	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
036	03	聯苯胺硫酸鹽	Benzidine sulfate	$(NH_2C_6H_4)_2 \cdot H_2SO_4$	531-86-2	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	04	聯苯胺二鹽酸鹽	Benzidine dihydrochloride	$(NH_2C_6H_4)_2 \cdot 2HCl$	531-85-1	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	05	聯苯胺二氫氟酸鹽	Benzidine dihydrofluoride	$(NH_2C_6H_4)_2 \cdot 2HF$	41766-73-8	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	06	聯苯胺過氯酸鹽（一）	Benzidine perchlorate	$(NH_2C_6H_4)_2 \cdot HClO_4$	29806-76-6	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	07	聯苯胺過氯酸鹽（二）	Benzidine perchlorate	$(NH_2C_6H_4)_2 \cdot xHClO_4$	38668-12-1	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25
036	08	聯苯胺二過氯酸鹽	Benzidine diperchlorate	$(NH_2C_6H_4)_2 \cdot 2HClO_4$	41195-21-5	1	50 註6 Note6	2	81.08.08 88.07.19 88.12.24 89.10.25

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037	01	鎘	Cadmium	Cd	7440-43-9	95	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
037	02	氧化鎘	Cadmium oxide	CdO	1306-19-0	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
037	03	碳酸鎘	Cadmium carbonate	$CdCO_3$	513-78-0	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
037	04	硫化鎘	Cadmium sulfide	CdS	1306-23-6	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
037	05	硫酸鎘	Cadmium sulfate	$CdSO_4$	10124-36-4	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
037	06	硝酸鎘	Cadmium nitrate	$Cd(NO_3)_2$	10325-94-7	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25

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037	07	氯化鎘	Cadmium chloride	$CdCl_2$	10108-64-2	1	500	2,3	81.08.08 88.07.19 88.12.24 89.10.25
038	01	苯胺	Aniline	$C_6H_5NH_2$	62-53-3	1	50	3	81.08.08 88.07.19 88.12.24 89.10.25
039	01	鄰-甲苯胺	o-Aminotoluene	$CH_3C_6H_4NH_2$	95-53-4	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25
039	02	間-甲苯胺	m-Aminotoluene	$CH_3C_6H_4NH_2$	108-44-1	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25
039	03	對-甲苯胺	p-Aminotoluene	$CH_3C_6H_4NH_2$	106-49-0	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25
040	01	1-萘胺	1-Naphthylamine	$C_{10}H_7NH_2$	134-32-7	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25

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041	01	二甲氧基聯苯胺	3,3'-Dimethoxybenzidine	$(NH_2C_6H_3)_2\cdot(CH_3O)_2$	119-90-4	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25
042	01	二氯聯苯胺	3,3'-Dichlorobenzidine	$(NH_2ClC_6H_3)_2$	91-94-1	1	50	1,2	81.08.08 88.07.19 88.12.24 89.10.25
043	01	鄰-二甲基聯苯胺	3,3'-Dimethyl-[1,1'-biphenyl]-4,4'-diamine	$(NH_2CH_3C_6H_3)_2$	119-93-7	1	50	1	81.08.08 88.07.19 88.12.24 89.10.25
044	01	三氯甲苯	Trichloromethyl benzene	$CCl_3C_6H_5$	98-07-7	1	50	1,3	81.08.08 88.07.19 88.12.24 89.10.25
045	01	三氧化二砷	Arsenic trioxide	As_2O_3	1327-53-3	1	50	1,2,3	81.08.08 88.07.19 88.12.24 89.10.25
045	02	五氧化二砷	Arsenic pentoxide	As_2O_5	1303-28-2	1	50	2,3	102.01.24

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046	01	氰化鈉	Sodium cyanide	NaCN	143-33-9	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	79.02.15 88.07.19 88.12.24 89.10.25 90.06.21
046	02	氰化鉀	Potassium cyanide	KCN	151-50-8	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	79.02.15 88.07.19 88.12.24 89.10.25
046	03	氰化銀	Silver cyanide	AgCN	506-64-9	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25
046	04	氰化亞銅	Copper(I) cyanide	CuCN	544-92-3	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25
046	05	氰化鉀銅	Copper(I) potassium cyanide	$KCu(CN)_2$	13682-73-0	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25
046	06	氰化鎘	Cadmium cyanide	$Cd(CN)_2$	542-83-6	氰離子含量1 % 以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25

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046	07	氰化鋅	Zinc cyanide	$Zn(CN)_2$	557-21-1	氰離子含量1 %以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25
046	08	氰化銅	Copper(II) cyanide	$Cu(CN)_2$	14763-77-0	氰離子含量1 %以上 Cyanide ion content above 1 %	500	3	81.08.08 88.07.19 88.12.24 89.10.25
046	09	氰化銅鈉	Copper Sodium cyanide	$NaCu(CN)_3$	14264-31-4	氰離子含量1 %以上 Cyanide ion content above 1 %	500	3	82.12.24 88.07.19 88.12.24 89.10.25
047	01	光氣	Phosgene	$COCl_2$	75-44-5	1	5	1,3	81.08.08 88.07.19 88.12.24 89.10.25 90.06.21
048	01	異氰酸甲酯	Methyl isocyanate	CH_3OCN	624-83-9	1	5	3	81.08.08 88.07.19 88.12.24 89.10.25

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049	01	氯	Chlorine	Cl_2	7782-50-5	1	50	3	81.08.08 88.07.19 88.12.24 89.10.25 90.06.21
050	01	丙烯醯胺	Acrylamide	$CH_2CHCONH_2$	79-06-1	30	50	2,3	82.12.24 88.07.19 88.12.24 89.10.25 104.12.31
051	01	丙烯腈	Acrylonitrile	CH_2CHCN	107-13-1	50	50	1,2	82.12.24 88.07.19 88.12.24 89.10.25
052	01	苯	Benzene	C_6H_6	71-43-2	70	50	1,2	82.12.24 88.07.19 88.12.24 89.10.25
053	01	四氯化碳	Carbon tetrachloride	CCl_4	56-23-5	50	50	1	82.12.24 88.07.19 88.12.24 89.10.25
054	01	三氯甲烷	Chloroform	$CHCl_3$	67-66-3	50	50	1	82.12.24 88.07.19 88.12.24 89.10.25

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055	01	三氧化鉻（鉻酸）	Chromium(VI) trioxide	CrO_3	1333-82-0	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	82.12.24 88.07.19 88.12.24 89.10.25
055	02	重鉻酸鉀	Potassium dichromate	$K_2Cr_2O_7$	7778-50-9	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	82.12.24 88.07.19 88.12.24 89.10.25
055	03	重鉻酸鈉	Sodium dichromate, dihydrate Sodium dichromate	$Na_2Cr_2O_7 \cdot 2H_2O$ $Na_2Cr_2O_7$	7789-12-0 10588-01-9	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	82.12.24 88.07.19 88.12.24 89.10.25
055	04	重鉻酸銨	Ammonium dichromate	$(NH_4)_2Cr_2O_7$	7789-09-5	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	05	重鉻酸鈣	Calcium dichromate	$CaCr_2O_7$	14307-33-6	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	06	重鉻酸銅	Cupric dichromate	$CuCr_2O_7$	13675-47-3	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25

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055	07	重鉻酸鋰	Lithium dichromate	$Li_2Cr_2O_7$	13843-81-7	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	08	重鉻酸汞	Mercuric dichromate	$HgCr_2O_7$	7789-10-8	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	09	重鉻酸鋅	Zinc dichromate	$ZnCr_2O_7$	14018-95-2	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	10	鉻酸銨	Ammonium chromate	$(NH_4)_2CrO_4$	7788-98-9	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	11	鉻酸鋇	Barium chromate	$BaCrO_4$	10294-40-3	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	12	鉻酸鈣	Calcium chromate	$CaCrO_4$	13765-19-0	六價鉻含量1 %以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25

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055	13	鉻酸銅	Cupric chromate	$CuCrO_4$	13548-42-0	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	14	鉻酸鐵	Ferric chromate	$Fe_2(CrO_4)_3$	10294-52-7	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	15	鉻酸鉛	Lead chromate	$PbCrO_4$	7758-97-6	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	16	鉻酸氧鉛	Lead chromate oxide	$Pb_2(CrO_4)O$	18454-12-1	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	17	鉻酸鋰	Lithium chromate	Li_2CrO_4	14307-35-8	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	18	鉻酸鉀	Potassium chromate	K_2CrO_4	7789-00-6	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25

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055	19	鉻酸銀	Silver chromate	Ag_2CrO_4	7784-01-2	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	20	鉻酸鈉	Sodium chromate	Na_2CrO_4	7775-11-3	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	21	鉻酸錫	Stannic chromate	$Sn(CrO_4)_2$	38455-77-5	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	22	鉻酸鍶	Strontium chromate	$SrCrO_4$	7789-06-2	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25
055	23	鉻酸鋅（鉻酸鋅氫氧化合物）	Zinc chromate (Zinc chromate hydroxide)	$ZnCrO_4$ ($Zn_2CrO_4(OH)_2$)	13530-65-9	六價鉻含量1 % 以上 Hexavalent chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25

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055	24	六羰鉻	Chromium carbonyl	$Cr(CO)_6$	13007-92-6	鉻含量1 %以上 Chromium content above 1 %	500	2	85.05.31 88.07.19 88.12.24 89.10.25 106.09.26
055	25	鉻化砷酸銅	Chromated Copper Arsenate		37337-13-6	1	500	2	94.12.30 95.12.29 101.02.02 103.08.25
055	26	鉬鉻紅	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	$Pb(Cr,Mo,S)O_4$	12656-85-8	六價鉻含量1%以上 Hexavalent chromium content above 1 %	500	2	102.01.24
055	27	硫鉻酸鉛	Lead sulfochromate yellow（C.I. Pigment Yellow 34）	$Pb\ (Cr,S)\ O_4$	1344-37-2	六價鉻含量1%以上 Hexavalent chromium content above 1 %	500	2	102.01.24
056	01	2,4,6-三氯酚	2,4,6-Trichlorophenol	$C_6H_2Cl_3OH$	88-06-2	1	50	1,2	82.12.24 88.07.19 88.12.24 89.10.25

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056	02	2,4,5-三氯酚	2,4,5-Trichlorophenol	$C_6H_2Cl_3OH$	95-95-4	1	50註6 Note6	1,2	82.12.24 88.07.19 88.12.24 89.10.25
057	01	氯甲基甲基醚	Chloromethyl methyl ether	CH_2ClOCH_3	107-30-2	1	50註6 Note6	1,2,3	82.12.24 88.07.19 88.12.24 89.10.25
058	01	六氯苯	Hexachlorobenzene	C_6Cl_6	118-74-1	1	50註6 Note6	1	82.12.24 88.07.19 88.12.24 89.10.25
059	01	次硫化鎳	Trinickel disulfide	Ni_3S_2	12035-72-2	1	50註6 Note6	2	86.04.25 88.07.19 88.12.24 89.10.25
060	01	二溴乙烷（二溴乙烯）	Ethylene dibromide	$C_2H_4Br_2$	106-93-4	10	50	1,2	86.04.25 88.07.19 88.12.24 89.10.25
061	01	環氧乙烷	Ethylene oxide	C_2H_4O	75-21-8	1	50	1,2	86.04.25 88.07.19 88.12.24 89.10.25

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062	01	1,3-丁二烯	1,3-Butadiene	$CH_2CHCHCH_2$	106-99-0	50	50	2	86.10.06 88.07.19 88.12.24 89.10.25 90.06.21
063	01	四氯乙烯	Tetrachloroethylene	CCl_2CCl_2	127-18-4	10	350	1,2	86.10.06 88.07.19 88.12.24 89.10.25 94.02.23
064	01	三氯乙烯	Trichloroethylene	$CHClCCl_2$	79-01-6	10	50	1,2	86.10.06 88.07.19 88.12.24 89.10.25
065	01	氯乙烯	Vinyl Chloride	CH_2CHCl	75-01-4	50	50	2	86.10.06 88.07.19 88.12.24 89.10.25
066	01	甲醛	Formaldehyde	HCHO	50-00-0	15	50	2,3	86.10.06 88.07.19 88.12.24 89.10.25 90.06.21 104.12.31

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067	01	4,4'-亞甲雙（2-氯苯胺）	4,4'-Methylenebis(2-chloroaniline)	$CH_2(C_6H_4ClNH_2)_2$	101-14-4	1	500	1,2	88.08.16 88.12.24 89.10.25 90.08.09
068	01	鄰苯二甲酸二（2-乙基己基）酯	Di(2-ethylhexyl)phthalate（DEHP）	$C_6H_4[COOCH_2CH(C_2H_5)C_4H_9]_2$	117-81-7	10	50	1,2	88.08.16 88.12.24 89.10.25 90.06.21 90.06.22 90.08.09 100.07.20 102.01.24
068	02	鄰苯二甲酸二辛酯	Di-n-octyl phthalate（DNOP）	$C_6H_4(COOC_8H_{17})_2$	117-84-0	10	50	1	95.12.29 100.07.20 102.01.24
068	03	鄰苯二甲酸丁基苯甲酯	Benzyl butyl phthalate（BBP）	1,2-$C_6H_4(COOCH_2C_6H_5)(COOC_4H_9)$	85-68-7	10	50	1,2	100.07.20 102.01.24
068	04	鄰苯二甲酸二異壬酯	Di-isononyl phthalate（DINP）	$C_{26}H_{42}O_4$	28553-12-0 68515-48-0	10	50	1	100.07.20
068	05	鄰苯二甲酸二異癸酯	Di-isodecyl phthalate（DIDP）	$C_6H_4[COO(CH_2)_7CH(CH_3)_2]_2$	26761-40-0 68515-49-1	10	50	1	100.07.20

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068	06	鄰苯二甲酸二乙酯	Diethyl phthalate（DEP）	$C_6H_4(COOC_2H_5)_2$	84-66-2	10	50	1	100.07.20
068	07	鄰苯二甲酸二烷基酯（C7-11支鏈及直鏈）	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	$C_{22}H_{34}O_4$-$C_{30}H_{50}O_4$	68515-42-4	10	—	4	100.07.20
068	08	鄰苯二甲酸二烷基酯（C6-8支鏈及直鏈，富含C7）	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	$C_{22}H_{34}O_4$-$C_{30}H_{50}O_4$	71888-89-6	10	—	4	100.07.20
068	09	鄰苯二甲酸二丙酯	Di-n-propyl Phthalate (DPP)	$C_{14}H_{18}O_4$	131-16-8	10	—	4	100.07.20

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068	10	鄰苯二甲酸二異丁酯	Di-iso-butyl Phthalate (DIBP)	$C_{16}H_{22}O_4$	84-69-5	10	50	1,2	100.07.20 102.01.24
068	11	鄰苯二甲酸二戊酯	Di-n-pentyl Phthalate (DNPP)	$C_{18}H_{26}O_4$	131-18-0	10	—	4	100.07.20
068	12	鄰苯二甲酸二己酯	Di-n-hexyl Phthalate (DNHP)	$C_{20}H_{30}O_4$	84-75-3	10	—	4	100.07.20
068	13	鄰苯二甲酸二環己酯	Dicyclohexyl Phthalate (DCHP)	$C_{20}H_{26}O_4$	84-61-7	10	—	4	100.07.20
068	14	鄰苯二甲酸二異辛酯	Di-iso-octyl Phthalate (DIOP)	$C_{24}H_{38}O_4$	27554-26-3	10	—	4	100.07.20

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068	15	鄰苯二甲酸二正壬酯	Di-n-nonyl phthalate (DNP)	$C_{26}H_{42}O_4$	84-76-4	10	—	4	100.07.20
068	16	鄰苯二甲酸二（4-甲基-2-戊基）酯	Bis(4-methyl-2-pentyl) phthalate (BMPP)	$C_{20}H_{30}O_4$	146-50-9	10	—	4	100.07.20
068	17	鄰苯二甲酸二甲氧乙酯	Bis(2-methoxyethyl) phthalate (BMEP)	$C_{14}H_{18}O_6$	117-82-8	10	—	4	100.07.20
068	18	鄰苯二甲酸雙-2-乙氧基乙酯	Bis(2-ethoxyethyl) phthalate (BEEP)	$C_{16}H_{22}O_6$	605-54-9	10	—	4	100.07.20

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068	19	鄰苯二甲酸己基 2-乙基己基酯	Hexyl 2-ethylhexyl phthalate (HEHP)	$C_{22}H_{34}O_4$	75673-16-4	10	—	4	100.07.20
068	20	鄰苯二甲酸二丁 氧基乙酯	Bis(2-n-butoxyethyl) phthalate (BBEP)	$C_{20}H_{30}O_6$	117-83-9	10	—	4	100.07.20
068	21	鄰苯二甲酸二苯 酯	Diphenyl phthalate (DPP)	$C_{20}H_{14}O_4$	84-62-8	10	—	4	100.07.20
068	22	鄰苯二甲酸二苄 酯	Dibenzyl phthalate (DBZP)	$C_{22}H_{18}O_4$	523-31-9	10	—	4	100.07.20

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068	23	鄰苯二甲酸單（2-乙基己基）酯	Mono(2-ethylhexyl) phthalate (MEHP)	$C_{16}H_{22}O_4$	4376-20-9	10	—	4	100.07.20
068	24	鄰苯二甲酸單丁酯	Mono-n-Butyl phthalate (MNBP)	$C_{12}H_{14}O_4$	131-70-4	10	—	4	100.07.20
069	01	1,3-二氯苯	1,3-Dichlorobenzene	$C_6H_4Cl_2$	541-73-1	1	50	1	88.08.16 88.12.24 89.10.25
069	02	鄰-二氯苯	o-Dichlorobenzene (1,2-Dichloro benzene)	$C_6H_4Cl_2$	95-50-1	1	50	1	88.08.16 88.12.24 89.10.25
070	01	1,2,4-三氯苯	1,2,4-Trichlorobenzene	$C_6H_3Cl_3$	120-82-1	1	50	1	88.08.16 88.12.24 89.10.25
071	01	乙二醇乙醚	2-Ethoxyethanol (Ethylene glycol monoethyl ether)	$CH_2OHCH_2OC_2H_5$	110-80-5	1	50	2	88.08.16 88.12.24 89.10.25

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071	02	乙二醇甲醚	2-Methoxyethanol (Ethylene glycol monomethyl ether)	$CH_2OHCH_2OCH_3$	109-86-4	1	50	2	88.08.16 88.12.24 89.10.25
072	01	環氧氯丙烷	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	OCH_2CHCH_2Cl	106-89-8	1	50	2	88.08.16 88.12.24 89.10.25
073	01	鄰苯二甲酐	Phthalic anhydride	$C_6H_4(CO)_2O$	85-44-9	1	50	3	88.08.16 88.12.24 89.10.25 90.06.21
074	01	二異氰酸甲苯 註8 Note8	Toluene diisocyanate (mixed isomers) Toluene-2,4-diisocyanate	$C_9H_6O_2N_2$ $C_6H_3CH_3(NCO)_2$	26471-62-5 584-84-9	1	500	3	88.08.16 88.12.24 89.10.25 103.08.25
075	01	1,2-二氯乙烷	1,2-Dichloroethane (Ethylene dichloride)	CH_2ClCH_2Cl	107-06-2	15	--	4	88.08.16 88.12.24 89.10.25 104.12.31
076	01	1,1,2,2-四氯乙烷	1,1,2,2-Tetrachloroethane	$CHCl_2CHCl_2$	79-34-5	1	--	4	88.08.16 88.12.24 89.10.25

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077	01	1,2-二氯乙烯	1,2-Dichloroethylene	ClCH=CHCl	540-59-0 156-59-2 156-60-5	25	--	4	88.08.16 88.12.24 89.10.25
077	02	1,1-二氯乙烯	1,1-Dichloroethylene	$C_2H_2Cl_2$	75-35-4	25	—	4	89.03.15 89.10.25
078	01	氯甲烷	Chloromethane (Methyl chloride)	CH_3Cl	74-87-3	25	--	4	88.08.16 88.12.24 89.10.25
079	01	二氯甲烷	Dichloromethane(Methylenechloride)	CH_2Cl_2	75-09-2	25	--	4	88.08.16 88.12.24 89.10.25
080	01	鄰苯二甲酸二甲酯	Dimethyl phthalate（DMP）	$C_6H_4(COOCH_3)_2$	131-11-3	10	50	1	88.08.16 88.12.24 89.10.25 100.07.20
080	02	鄰苯二甲酸二丁酯	Dibutyl phthalate（DBP）	$C_6H_4(COOC_4H_9)_2$	84-74-2	10	50	1,2	88.08.16 88.12.24 89.10.25 100.07.20
081	01	異丙苯	Cumene	$C_6H_5CH(CH_3)_2$	98-82-8	1	--	4	88.08.16 88.12.24 89.10.25

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082	01	環己烷	Cyclohexane	C_6H_{12}	110-82-7	1	--	4	88.08.16 88.12.24 89.10.25
083	01	氯乙酸	Chloroacetic acid	$CH_2ClCOOH$	79-11-8	1	--	4	88.08.16 88.12.24 89.10.25
084	01	氯甲酸乙酯	Ethyl chloroformate	$ClCOOC_2H_5$	541-41-3	1	--	4	88.08.16 88.12.24 89.10.25
085	01	2,4-二硝基酚	2,4-Dinitrophenol	$C_6H_4N_2O_5$	51-28-5	1	50	1,3	88.12.24 89.10.25
086	01	硫酸二甲酯	Dimethyl sulfate	$C_2H_6O_4S$	77-78-1	1	50	2,3	88.12.24 89.10.25
087	01	次乙亞胺	Ethyleneimine	C_2H_5N	151-56-4	1	50	2,3	88.12.24 89.10.25
088	01	二氯異丙醚	Bis(2-chloro-1-methylethyl) ether	$C_6H_{12}Cl_2O$	108-60-1	1	50	1	88.12.24 89.10.25
089	01	二硫化碳	Carbon disulfide	CS_2	75-15-0	1	50	1	88.12.24 89.10.25 90.06.21
090	01	氯苯	Chlorobenzene	C_6H_5Cl	108-90-7	1	50	1	88.12.24 89.10.25

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091	01	十溴二苯醚	Decabromobiphenyl ether	$C_{12}Br_{10}O$	1163-19-5	1	50	1,2	88.12.24 89.10.25 108.03.05
091	02	八溴二苯醚	Octabromodiphenyl ether	$C_{12}H_2Br_8O$	32536-52-0	1	50	1	94.12.30 95.12.29 103.08.25 109.09.08
091	03	五溴二苯醚	Pentabromodiphenyl ether	$C_{12}H_5Br_5O$	32534-81-9 60348-60-9	1	50	1	94.12.30 95.12.29 103.08.25 109.09.08
091	04	四溴二苯醚	Tetrabromodiphenyl ether(BDE-47)	$C_{12}H_6Br_4O$	40088-47-9 5436-43-1	1	50	1	99.12.24 103.08.25 109.09.08
091	05	2,2',4,4',5,5'-六溴二苯醚	2,2’,4,4’,5,5’-hexabromodiphenyl ether(BDE -153)	$C_{12}H_4Br_6O$	68631-49-2	1	50	1	99.12.24 103.08.25 109.09.08

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091	06	2,2',4,4',5,6'-六溴二苯醚	2,2',4,4',5,6'-hexabromodiphenyl ether(BDE -154)	$C_{12}H_4Br_6O$	207122-15-4	1	50	1	99.12.24 103.08.25 109.09.08
091	07	2,2',3,3',4,5',6-七溴二苯醚	2,2',3,3',4,5',6-heptabromodiphenyl ether(BDE-175)	$C_{12}H_3Br_7O$	446255-22-7	1	50	1	99.12.24 103.08.25 109.09.08
091	08	2,2',3,4,4',5',6-七溴二苯醚	2,2',3,4,4',5',6-heptabromodiphenyl ether(BDE -183)	$C_{12}H_3Br_7O$	207122-16-5	1	50	1	99.12.24 103.08.25 109.09.08
092	01	二苯駢呋喃	Dibenzofuran	$C_{12}H_8O$	132-64-9	70	50註6 Note6	1	88.12.24 89.10.25 103.08.25
093	01	1,4-二氧陸圜	1,4-Dioxane	$C_4H_8O_2$	123-91-1	1	50	1	88.12.24 89.10.25 98.07.31
094	01	二氯萘	Dichloronaphthalene	$C_{10}H_6Cl_2$	1825-31-6	1	50	1	104.12.31
094	02	三氯萘	Trichloronaphthalene	$C_{10}H_5Cl_3$	1321-65-9	1	50	1	104.12.31

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094	03	四氯萘	Tetrachloronaphthalene	$C_{10}H_4Cl_4$	1335-88-2	1	50	1	104.12.31
094	04	五氯萘	Pentachloronaphthalene	$C_{10}H_3Cl_5$	1321-64-8	1	50	1	104.12.31
094	05	六氯萘	Hexachloronaphthalene	$C_{10}H_2Cl_6$	1335-87-1	1	50	1	88.12.24 89.10.25 104.12.31
094	06	七氯萘	Heptachloronaphthalene	$C_{10}HCl_7$	32241-08-0	1	50	1	104.12.31
094	07	八氯萘	Octachloronaphthalene	$C_{10}Cl_8$	2234-13-1	1	50	1	88.12.24 89.10.25 104.12.31
095	01	碘甲烷	Methyl iodide	CH_3I	74-88-4	1	50	1	88.12.24 89.10.25
096	01	β-丙內酯	β-Propiolactone	$C_3H_4O_2$	57-57-8	1	50	1	88.12.24 89.10.25
097	01	吡啶	Pyridine	C_5H_5N	110-86-1	1	50	1	88.12.24 89.10.25
098	01	二甲基甲醯胺	N,N-Dimethyl formamide	C_3H_7NO	68-12-2	30	50	2	88.12.24 89.10.25 90.06.21

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098	02	甲醯胺	Formamide	$HCONH_2$	75-12-7	10	50	1,2	100.07.20
099	01	四羰化鎳	Nickel carbonyl	C_4NiO_4	13463-39-3	1	50	2	88.12.24 89.10.25
100	01	丙烯醛	Acrolein	C_3H_4O	107-02-8	1	50	3	88.12.24 89.10.25
101	01	丙烯醇	Allyl alcohol	C_3H_6O	107-18-6	1	50	3	88.12.24 89.10.25
102	01	1,2-二苯基聯胺	1,2-Diphenylhydrazine	$C_{12}H_{12}N_2$	122-66-7	1	50	3	88.12.24 89.10.25
103	01	氰化氫	Hydrogen cyanide	HCN	74-90-8	1	50	3	88.12.24 89.10.25 91.04.09
104	01	乙醛	Acetaldehyde	C_2H_4O	75-07-0	1	--	4	88.12.24 89.10.25
105	01	乙腈	Acetonitrile	CH_3CN	75-05-8	1	--	4	88.12.24 89.10.25
106	01	苯甲氯	Benzyl chloride	C_7H_7Cl	100-44-7	1	--	4	88.12.24 89.10.25
107	01	丙烯酸丁酯	Butyl acrylate	$C_7H_{12}O_2$	141-32-2	1	--	4	88.12.24 89.10.25
108	01	丁醛	Butyraldehyde	C_4H_8O	123-72-8	1	--	4	88.12.24 89.10.25

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109	01	氰胺化鈣	Calcium cyanamide	CN_2Ca	156-62-7	1	--	4	88.12.24 89.10.25
110	01	六氯內-甲烯基-四氫苯二甲酸	Chlorendic acid	$C_9H_4Cl_6O_4$	115-28-6	1	--	4	88.12.24 89.10.25
111	01	氯丁二烯	Chloroprene	C_4H_5Cl	126-99-8	1	--	4	88.12.24 89.10.25
112	01	間-甲酚	m-Cresol	C_7H_8O	108-39-4	1	--	4	88.12.24 89.10.25
113	01	1,3-二氯丙烯	1,3-Dichloropropene	$C_3H_4Cl_2$	542-75-6	50	--	4	88.12.24 89.10.25
114	01	二乙醇胺	Diethanolamine	$C_4H_{11}NO_2$	111-42-2	50	--	4	88.12.24 89.10.25
115	01	二苯胺	Diphenylamine	$C_{12}H_{11}N$	122-39-4	1	--	4	88.12.24 89.10.25
116	01	乙苯	Ethylbenzene	C_8H_{10}	100-41-4	70	--	4	88.12.24 89.10.25
117	01	甲基異丁酮	Methyl isobutyl ketone	$C_6H_{12}O$	108-10-1	1	--	4	88.12.24 89.10.25
118	01	4,4'-二胺基二苯甲烷	4,4'-Methylenedianiline	$C_{13}H_{14}N_2$	101-77-9	1	--	4	88.12.24 89.10.25
119	01	三乙酸基氨	Nitrilotri acetic acid	$C_6H_9NO_6$	139-13-9	1	--	4	88.12.24 89.10.25

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120	01	1,3-丙烷磺內酯	Propane sultone	$C_3H_6O_3S$	1120-71-4	1	--	4	88.12.24 89.10.25
121	01	三乙胺	Triethylamine	$C_6H_{15}N$	121-44-8	1	--	4	88.12.24 89.10.25
122	01	α-苯氯乙酮（w-苯氯乙酮）	α-Chloroacetophenone (w-Chloroacetophenone)	$C_6H_5COCH_2Cl$	532-27-4	1	50	1,3	88.12.24 89.10.25
123	01	蒽	Anthracene	$C_6H_4(CH)_2C_6H_4$	120-12-7	10	50	1	88.12.24 89.10.25
124	01	二溴甲烷	Dibromomethane(Methylenebromide)	CH_2Br_2	74-95-3	1	50	1	88.12.24 89.10.25
125	01	三溴甲烷（溴仿）	Bromoform (Tribromomethane)	$CHBr_3$	75-25-2	1	50	1	88.12.24 89.10.25
126	01	氯乙烷	Chloroethane (Ethyl chloride)	C_2H_5Cl	75-00-3	1	50	1	88.12.24 89.10.25
128	01	六氯芬（2,2'-二羥-3,3', 5,5',6,6'-六氯二苯甲烷）	Hexachlorophene (2,2'-dihydroxy-3, 3',5,5',6,6'-hexachlorodiphenylmethane)	$(C_6HCl_3OH)_2CH_2$	70-30-4	10	50	1	88.12.24 89.10.25
129	01	硝苯	Nitrobenzene	$C_6H_5NO_2$	98-95-3	10	50	1	88.12.24 89.10.25

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131	01	硫酸乙酯（硫酸二乙酯）	ethyl sulfate (Diethyl sulfate)	$(C_2H_5)_2SO_4$	64-67-5	1	50	2	88.12.24 89.10.25
132	01	六甲基磷酸三胺	Hexamethylphosphoramide(HMPA)	$[N(CH_3)_2]_3PO$	680-31-9	1	50	2	88.12.24 89.10.25
133	01	N-亞硝-正-甲脲	N-Nitroso-N-methylurea	$C_2H_5N_3O_2$	684-93-5	1	50	2	88.12.24 89.10.25
134	01	N-亞硝二甲胺（二甲亞硝胺）	Nitrosodimethylamine (DMNA)	$(CH_3)_2N\ N\ O$	62-75-9	1	50	2	88.12.24 89.10.25
134	02	N-亞硝二乙胺（二乙亞硝胺）	Diethylamine, N-nitroso-(Nitrosamine diethyl)	$(C_2H_5)_2N\ N\ O$	55-18-5	1	50	2	88.12.24 89.10.25
135	01	三（2,3-二溴丙基）-磷酸酯	Tris-(2,3-dibromopropyl)-phosphate	$[BrCH_2CH(Br)CH2O]_3P=O$	126-72-7	1	50	2	88.12.24 89.10.25
136	01	溴乙烯	Vinyl bromide	CH_2CHBr	593-60-2	1	50	2	88.12.24 89.10.25
137	01	4,6-二硝基-鄰-甲酚	4,6-Dinitro-o-cresol	$CH_3C_6H_2(NO_2)_2OH$	534-52-1	1	50	3	88.12.24 89.10.25
138	01	甲基聯胺	Methyl hydrazine	CH_3NHNH_2	60-34-4	1	50	3	88.12.24 89.10.25

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139	01	氟乙醯胺	Monofluoroacetamide	CH_2FCONH_2	640-19-7	1	50	3	88.12.24 89.10.25
140	01	炔丙醇（2-丙炔-1-醇）	Propargyl alcohol	$HCCCH_2OH$	107-19-7	1	50	3	88.12.24 89.10.25
141	01	丙烯亞胺	Propyleneimine	CH_3CHCH_2NH	75-55-8	1	50	3	88.12.24 89.10.25
142	01	三氟化硼	Boron trifluoride	BF_3	7637-07-2	1	--	4	88.12.24 89.10.25
143	01	巴豆醛（2-丁烯醛）	Crotonaldehyde (2-butenal)	$CH_3CH=CHCHO$	4170-30-3	1	--	4	88.12.24 89.10.25
144	01	硫脲	Thiourea (thiocarbamide)	$(NH_2)_2CS$	62-56-6	1	--	4	88.12.24 89.10.25
145	01	2,4-甲苯二胺	m-Toluylenediamine(m-Tolylene-diamine；toluene- 2,4-diamine)	$C_7H_{10}N_2$	95-80-7	1	--	4	88.12.24 89.10.25
145	02	甲苯二胺（同分異構物混合物）	Toluylenediamines(mixed isomers)；(toluene,diamino-)(mixed isomers)	$CH_3C_6H_3(NH_2)_2$	25376-45-8	1	--	4	88.12.24 89.10.25

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146	01	醋酸乙烯酯	Vinyl acetate	$CH_3COOCH=CH_2$	108-05-4	1	--	4	88.12.24 89.10.25
147	01	1,2-二氯丙烷	1,2-Dichloropropane	$CH_3CHClCH_2Cl$	78-87-5	1	50	1	89.03.15 89.10.25
148	01	氧化三丁錫	Tributyltin oxide Bis(tributyltin)oxide	$(C_4H_9)_3SnOSn(C_4H_9)_3$	56-35-9	1	50	1	89.03.15 89.10.25 91.05.24 94.02.23
148	02	氫氧化三苯錫	Triphenyltin hydroxide	$(C_6H_5)_3SnOH$	76-87-9	1	50	1	89.03.15 89.10.25 91.05.24 94.02.23
148	03	醋酸三丁錫	Tributyltin acetate	$(C_4H_9)_3SnOOCCH_3$	56-36-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	04	溴化三丁錫	Tributyltin bromide	$(C_4H_9)_3SnBr$	1461-23-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	05	氯化三丁錫	Tributyltin chloride	$(C_4H_9)_3SnCl$	1461-22-9	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23

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148	06	氟化三丁錫	Tributyltin fluoride	$(C_4H_9)_3SnF$	1983-10-4	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	07	氫化三丁錫	Tributyltin hydride	$(C_4H_9)_3SnH$	688-73-3	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	08	月桂酸三丁錫	Tributyltin laurate	$C_{24}H_{50}O_2Sn$	3090-36-6	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	09	順丁烯二酸三丁錫	Tributyltin maleate	$C_{16}H_{30}O_4Sn$	4027-18-3 14275-57-1	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	10	三正丙基乙錫	Tri-*n*-propylethyltin	$(C_3H_7)_3SnCH_2CH_3$	3440-79-7	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	11	三正丙基異丁錫	Tri-*n*-propylisobutyltin	$(C_3H_7)_3Sn(C_4H_9)$	92154-74-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02

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148	12	三正丙基正丁錫	Tri-*n*-propyl-n-butyltin	$(C_3H_7)_3SnC_4H_9$	3634-62-6	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	13	碘化三正丙錫	Tri-*n*-propyltin iodide	$(C_3H_7)_3SnI$	7342-45-2	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	14	三苯基苄錫	Triphenylbenzyltin	$(C_6H_5)_3(C_6H_5CH_2)Sn$	2847-58-7	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	15	三苯基甲錫	Triphenylmethyltin	$(C_6H_5)_3SnCH_3$	1089-59-4	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	16	三苯基-對-甲苯錫	Triphenyl-*p*-tolyltin	$(C_6H_5)_3Sn(C_6H_4CH_3)$	15807-28-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02

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148	17	溴化三苯錫	Triphenyltin bromide	$(C_6H_5)_3SnBr$	962-89-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	18	氟化三苯錫	Triphenyltin fluoride	$(C_6H_5)_3SnF$	379-52-2	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	19	碘化三苯錫	Triphenyltin iodide	$(C_6H_5)_3SnI$	894-09-7	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	20	醋酸三苯錫	Triphenyltin acetate	$(C_6H_5)_3SnOOCCH_3$	900-95-8	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	21	氯化三苯錫	Triphenyltin chloride	$(C_6H_5)_3SnCl$	639-58-7	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	22	三苯基-α-萘錫	Triphenyl-α-naphthyltin	$(C_6H_5)_3SnC_{10}H_7$		1	--	4	89.03.15 89.10.25 91.05.24 94.02.23

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148	23	溴化三丙錫	Tripropyltin bromide	$(C_3H_7)_3SnBr$	2767-61-5	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	24	氯化三丙錫	Tripropyltin chloride	$(C_3H_7)_3SnCl$	2279-76-7	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	25	氟化三丙錫	Tripropyltin fluoride	$(C_3H_7)_3SnF$		1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	26	溴化三甲苯錫	Tritolyltin bromide	$(CH_3C_6H_4)_3SnBr$		1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	27	氯化三甲苯錫	Tritolyltin chloride	$(CH_3C_6H_4)_3SnCl$	353747-42-9	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	28	氟化三甲苯錫	Tritolyltin fluoride	$(CH_3C_6H_4)_3SnF$	353747-43-0	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02

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148	29	氫氧化三甲苯錫	Tritolyltin hydroxide	$(CH_3C_6H_4)_3SnOH$	228262-76-8	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	30	碘化三甲苯錫	Tritolyltin iodide	$(CH_3C_6H_4)_3SnI$	353747-44-1	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	31	參（三苯錫）甲烷	Tritriphenylstannyl-methane	$[(C_6H_5)_3Sn]_3CH$		1	--	4	89.03.15 89.10.25 91.05.24 94.02.23
148	32	溴化三苳錫	Trixylyltin bromide	$[(CH_3)_2C_6H_3]_3SnBr$	353747-45-2	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	33	氯化三苳錫	Trixylyltin chloride	$[(CH_3)_2C_6H_3]_3SnCl$	353747-46-3	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02

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148	34	氟化三苕錫	Trixylyltin fluoride	$[(CH_3)_2C_6H_3]_3SnF$	353747-47-4	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
148	35	碘化三苕錫	Trixylyltin iodide	$[(CH_3)_2C_6H_3]_3SnI$	353747-48-5	1	--	4	89.03.15 89.10.25 91.05.24 94.02.23 101.02.02
149	01	六氯乙烷	Hexachloroethane	Cl_3CCCl_3	67-72-1	1	50	1	89.03.15 89.10.25
150	01	六氯-1,3-丁二烯	Hexachloro-1,3-butadiene	$Cl_2CCClCClCCl_2$	87-68-3	1	50	1	89.03.15 89.10.25 108.03.05
151	01	鈹	Beryllium	Be	7440-41-7	95	50	2	89.03.15 89.10.25
152	01	對-氯-鄰-甲苯胺	p-Chloro-o-toluidine	C_7H_8ClN	95-69-2	1	50	2	89.03.15 89.10.25
153	01	二甲基胺甲醯氯	Dimethylcarbamyl chloride	$(CH_3)_2NCOCl$	79-44-7	1	50	2	89.03.15 89.10.25
154	01	氧化苯乙烯	Styrene oxide	$C_6H_5CHCH_2O$	96-09-3	1	50	2	89.03.15 89.10.25
155	01	1,2,3-三氯丙烷	1,2,3-Trichloropropane	$ClCH_2CHClCH_2Cl$	96-18-4	1	50	2	89.03.15 89.10.25

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156	01	氟	Fluorine	F_2	7782-41-4	1	50	3	89.03.15 89.10.25 94.02.23
157	01	磷化氫	Phosphine	PH_3	7803-51-2	1	50	3	89.03.15 89.10.25 90.06.21
158	01	三氯化磷	Phosphorus trichloride	PCl_3	7719-12-2	1	50	3	89.03.15 89.10.25
159	01	胺基硫脲	Thiosemicarbazide 1-amino-2-thiourea	CH_5N_3S	79-19-6	1	50	3	89.03.15 89.10.25
160	01	甲基第三丁基醚	Methyl-tert-butyl ether	$(CH_3)_3COCH_3$	1634-04-4	20	--	4	89.03.15 89.10.25
161	01	2,4-二氯酚	2,4-Dichlorophenol	$Cl_2C_6H_3OH$	120-83-2	1	--	4	89.03.15 89.10.25
162	01	二氯溴甲烷	Dichlorobromomethane	$CHBrCl_2$	75-27-4	1	--	4	89.03.15 89.10.25
163	01	二環戊二烯	Dicyclopentadiene	$C_{10}H_{12}$	77-73-6	1	--	4	89.03.15 89.10.25
164	01	聯胺	Hydrazine	H_2NNH_2	302-01-2	1	--	4	89.03.15 89.10.25
165	01	壬基酚（壬酚）	Nonylphenol	$C_6H_4(OH)C_9H_{19}$	25154-52-3 84852-15-3	5	50	1	96.12.17 98.07.31 104.12.31
165	02	壬基酚聚乙氧基醇	Nonylphenol polyethylene glycol ether	$(C_2H_4O)_nC_{15}H_{24}O$	9016-45-9 26027-38-3	5	50	1	96.12.17 98.07.31 104.12.31

列管編號 註1 Listed No. Note1	序號 註1 Series No. Note1	中文名稱 Chinese Name	英文名稱註2 English Name Note2	分子式註2 Chemical Formul Note2	化學文摘註2 社登記號碼 CAS. Number Note2	管制濃度註3 control concentration standard w/w % Note3	分級運作量 註4 graded handling quantity（公斤 kg） Note4	毒性分類 註5 Toxicity Classify Note5	公告日期 Announcement date(Year of the Republic of China)
166	01	雙酚A	4,4-isopropylidene diphenol（Bisphenol A）	$C_{12}H_{16}O_2$	80-05-7	30	--	4	98.07.31
167	01	滅蟻樂	Mirex	$C_{10}Cl_{12}$	2385-85-5	1	50	1, 3	99.12.24
168	01	十氯酮	Chlordecone	$C_{10}Cl_{10}O$	143-50-0	1	50	1, 3	99.12.24
169	01	全氟辛烷磺酸	Perfluorooctane sulfonic acid	$C_8HF_{17}O_3S$	1763-23-1	0.01	50	1, 2	99.12.24 107.06.28 109.09.08
169	02	全氟辛烷磺酸鋰鹽	Lithium perfluorooctane sulfonate	$C_8HF_{17}O_3S{\cdot}Li$	29457-72-5	0.01	50	1, 2	99.12.24 109.09.08
169	03	全氟辛烷磺醯氟	Perfluorooctane sulfonyl fluoride	$C_8F_{18}O_2S$	307-35-7	0.01	50	1	99.12.24 109.09.08
169	04	全氟辛酸	Perflurooctanoic acid (PFOA)	$C_8HF_{15}O_2$	335-67-1	0.01	50	1	107.06.28 109.09.08
170	01	五氯苯	Pentachlorobenzene	C_6HCl_5	608-93-5	1	50	1, 3	99.12.24
171	01	六溴聯苯	Hexabromobiphenyl	$C_{12}H_4Br_6$	36355-01-8	1	50	1	99.12.24

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172	01	安殺番（工業級安殺番）	Endosulfan（Technical endosulfan）	$C_9H_6Cl_6O_3S$	115-29-7	1	50	1,3	100.07.20 104.12.31
172	02	α-安殺番	Alpha (α) endosulfan	$C_9H_6Cl_6O_3S$	959-98-8	1	50	1,3	100.07.20 104.12.31
172	03	β-安殺番	Beta (β) endosulfan	$C_9H_6Cl_6O_3S$	33213-65-9	1	50	1,3	100.07.20 104.12.31
172	04	安殺番硫酸鹽	Endosulfan sulfate	$C_9H_6Cl_6O_4S$	1031-07-8	1	50	1,3	100.07.20 104.12.31
173	01	三2-（氯乙基）磷酸酯	Tris(2-chloroethyl) phosphate（TCEP）	$C_6H_{12}Cl_3O_4P$	115-96-8	1	50註6 Note6	2	102.01.24 103.08.25
174	01	六溴環十二烷	Hexabromocyclododecane(HBCD) 1,2,5,6,9,10-hexabromocyclododecane	$C_{12}H_{18}Br_6$	3194-55-6 25637-99-4	1	50	1	103.08.25

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174	02	α-六溴環十二烷	alpha-hexabromocyclododecane	$C_{12}H_{18}Br_6$	134237-50-6	1	50	1	103.08.25
174	03	β-六溴環十二烷	beta-hexabromocyclododecane	$C_{12}H_{18}Br_6$	134237-51-7	1	50	1	103.08.25
174	04	γ-六溴環十二烷	gamma-hexabromocyclododecane	$C_{12}H_{18}Br_6$	134237-52-8	1	50	1	103.08.25
175	01	孔雀綠	Malachite green	$C_{23}H_{25}ClN_2$	569-64-2	1	—	4	106.09.26
176	01	順丁烯二酸(馬來酸）	Maleic acid	$C_4H_4O_4$	110-16-7	1	—	4	106.09.26
176	02	順丁烯二酸酐	Maleic anhydride	$C_4H_2O_3$	108-31-6	1	—	4	106.09.26

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177	01	對位乙氧基苯脲（甘精）	(4-Ethoxyphenyl)urea、Dulcin	$C_9H_{12}N_2O_2$	150-69-6	1	—	4	106.09.26
178	01	溴酸鉀	Potassium bromate	$KBrO_3$	7758-01-2	1	—	4	106.09.26
179	01	富馬酸二甲酯	Dimethyl fumarate (DMF)	$C_6H_8O_4$	624-49-7	1	—	4	106.09.26
180	01	苄基紫	Benzyl violet 4B	$C_{39}H_{40}N_3NaO_6S_2$	1694-09-3	1	—	4	106.09.26
181	01	皂黃	Metanil yellow	$C_{18}H_{14}N_3NaO_3S$	587-98-4	1	—	4	106.09.26
182	01	玫瑰紅 B	Rhodamine B	$C_{28}H_{31}ClN_2O_3$	81-88-9	1	—	4	106.09.26
183	01	二甲基黃	Butter yellow	$C_{14}H_{15}N_3$	60-11-7	1	—	4	106.09.26
184	01	甲醛次硫酸氫鈉（吊白塊）	Sodium hydroxymethanesulfinate	CH_7NaO_5S	6035-47-8 149-44-0	1	—	4	106.09.26

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185	01	三聚氰胺	Melamine	$C_3H_6N_6$	108-78-1	1	—	4	106.09.26
186	01	α-苯並吡喃酮（香豆素）	Coumarin	$C_9H_6O_2$	91-64-5	1	—	4	106.09.26
187	01	蘇丹 1 號	Sudan 1	$C_{16}H_{12}N_2O$	842-07-9	1	—	4	107.06.28
187	02	蘇丹 2 號	Sudan 2	$C_{18}H_{16}N_2O$	3118-97-6	1	—	4	107.06.28
187	03	蘇丹 3 號	Sudan 3	$C_{22}H_{16}N_4O$	85-86-9	1	—	4	107.06.28
187	04	蘇丹 4 號	Sudan 4	$C_{24}H_{20}N_4O$	85-83-6	1	—	4	107.06.28
187	05	蘇丹紅 G	Sudan Red G	$C_{17}H_{14}N_2O_2$	1229-55-6	1	—	4	107.06.28
187	06	蘇丹橙 G	Sudan Orange G	$C_{12}H_{10}N_2O_2$	2051-85-6	1	—	4	107.06.28
187	07	蘇丹黑 B	Sudan Black B	$C_{29}H_{24}N_6$	4197-25-5	1	—	4	107.06.28

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187	08	蘇丹紅 7B	Sudan Red 7B	$C_{24}H_{21}N_5$	6368-72-5	1	—	4	107.06.28
188	01	二乙基黃	Diethyl yellow/Solvent yellow 56	$C_{16}H_{19}N_3$	2481-94-9	1	—	4	107.06.28
189	01	王金黃（塊黃）	Basic orange 2	$C_{12}H_{13}ClN_4$	532-82-1	1	—	4	107.06.28
190	01	鹽基性芥黃	Auramine	$C_{17}H_{22}ClN_3$	2465-27-2	1	—	4	107.06.28
191	01	紅色 2 號	Red No.2	$C_{20}H_{11}N_2Na_3O_{10}S_3$	915-67-3	1	—	4	107.06.28
192	01	氮紅	Azorubine	$C_{20}H_{12}N_2Na_2O_7S_2$	3567-69-9	1	—	4	107.06.28
193	01	橘色 2 號	Orange2	$C_{16}H_{11}N_2NaO_4S$	633-96-5	1	—	4	107.06.28
194	01	短鏈氯化石蠟	Short-chain chlorinated paraffins (SCCPs)	CxH(2x-y+2)Cly， x=10-13 y=1-13	85535-84-8	1	100	1	108.03.05

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195	01	大克蟎	Dicofol	$C_{14}H_9Cl_5O$	115-32-2 10606-46-9	1	50	1,3	109.09.08

Note:

1.Those with similar toxicological properties in this table are classified as the same regulatory number; substances with different serial numbers under the same regulatory number are counted as different types of toxic chemical substances.

2. This form is based on the Chinese name. The English name, Chemical Formul and CAS number are for reference only.

3. control concentration standard:

Example 1: "Benzene" refers to those containing more than 70% (including 70%) w/w of benzene.
Example 2: "Sodium cyanide" means those containing more than 1% (including 1%) w/w of cyanide ions.
Example 3: "PCBs" means those containing 0.1 % (1,000 ppm) or more (including 0.1 %) w/w of PCBs.

4. Graded handling quantity:

The plating solution in the plating tank, the surface treatment solution in the metal surface treatment tank and the

perchlorethylene in the dry cleaning machine are not included in the classification operation volume.

Example 1: Containing more than 1% of hexavalent chromium (including 1%) w/w The total operating amount of chromium trioxide (excluding the plating solution in the plating tank) is less than 500 kg (excluding 500 kg), the operating amount is less than . Graded workload.

Example 2: If the total amount of w/w sodium cyanide (excluding the plating solution in the plating tank) is less than 500 kg (excluding 500 kg), the amount of operation is lower than the classification workload.

5. Toxicity Classify:

"1" represents the first type of toxic chemical substances, "2" represents the second type of toxic chemical substances, "3" represents the third type of toxic chemical substances, and "4" represents the fourth type of toxic chemical substances.

6. For testing, research and educational purposes only.

7. The controlled concentration of asbestos is those with fibrous, filamentous or fluffy asbestos content of more than 1% (including 1%) W/W.

8. For toluene diisocyanate under constant temperature process below 25 degrees Celsius (the control concentration is calculated based on 2,4-toluene diisocyanate), the quantity below 5 metric tons shall be counted as the usage amount.

2.4 Others

2.4.1 Montreal Protocol on Substances that Deplete the Ozone Layer

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
破壞臭氧層物質	Ozone Depleting Substances	-	-	Banned	Montreal Protocol

2.4.2 Other hazardous substances

物質名稱	Substance name	CAS No.	Molecular formula	Restricted content	Remarks
致癌物質	Carcinogenic substances	-	-	Inclusion plastic material which is not less than 25 grams in the outer box and outer casing: Banned	the same as Group 1 and Group 2A substances assessed with the IARC organization
2,4,6-三叔丁基苯酚	2,4,6-Trit-butylphenol	732-26-3	C18H30O	Banned	-
氯丹類	chlordanes	-	-	Banned	-
餾分油(煤焦油),重油	Distillates (coal tar), heavy oils	90640-86-1	-	<1000ppm	-
氯代烴類(二氯乙烯，五氯乙烷，四氯乙烷，四氯乙烯，三氯甲烷，三氯乙烷，三氯乙烯)	chlorinated hydrocarbons	-	-	other material <1000ppm Cleaners and adhesives: Banned	-
餾分油（煤焦油），重油，芘餾分	Distillates (coal tar), heavy oils, pyrene fraction	91995-42-5	-	<1000ppm	-
餾分油（煤焦油），瀝青，芘餾分	Distillates (coal tar), pitch, pyrene fraction	91995-52-7	-	Wood: Banned	-
殘留物（煤焦油），瀝青蒸餾	residues (coal tar), pitch distn	92061-94-4	-	<1000ppm	-
木溜油，煤焦油，焦油，蒽類物質	Creosote, coal tar, tar oils, anthracene substances	8001-58-9; 65996-91-0;	-	Treatment of wood: Banned	-

		122384-78-5; 90640-80-5			
二辛基錫類化合物（氧化二辛基錫，二月桂酸二正辛基錫，其他）	Dioctyltin（DOT）compounds	870-08-6; 3648-18-8; -	-	Textiles and leather: <1000ppm	-
二丁基錫類化合物	Dibutyltin(DBT) compounds	-	-	<1000ppm	-
二惡英	Dioxins	-	-	Banned	-
DBB	1,3,2,4-Dioxastannaboretane,2,2-dibutyl-4-hydroxy-	75113-37-0	-	<1000ppm	-
異狄氏劑	Endrin	72-20-8	C12H8Cl6O -	Banned	-
發泡聚苯乙烯	Expanded polystyrene（EPS）	-	-	Packaging materials for South Korean products:: Banned	-
氟代溫室氣體	Fluorinated Greenhouse Gases	-	-	Banned	-
甲醛	Formaldehyde	50-00-0	-	Textile< 75ppm	-
開樂散（三氯殺螨醇）	Kelthane	115-32-2	-	Banned	-
六氯丁二烯	Hexachlorobutadiene	87-68-3	-	Banned	-
有機錫化合物	Organic Tin compounds	1461-23-0; 56-35-9; 56-35-0; 3090-36-6; 1983-10-4;	-	Banned	-

		668-34-8; 639-58-7; 76-87-9; 900-95-8;			
滅蟻靈	Mirex	2385-85-5	-	Banned	-
多氯聯苯（PCBs）	Polychlorinated Biphenyls(PCBs)	1336-36-3	-	Banned	-
多氯聯苯類（PCDDs）	Polychlorinated dibenzodioxins（PCDDs）	1746-01-6	-	Banned	-
多氯二苯並呋喃（PCDFs）	Polychlorinated dibenzofuran（PCDFs）	136677-10-6	-	Banned	-
多氯化萘	Polychlorinated Naphthalenes(PCNs)	-	-	Banned	-
紅(黃)磷	Phosphorus	7723-14-0	p	Plastic flame retardant: Banned	-
鹵素芳香族化合物（多氯聯苯，鹵代苯）	Halogenated Aromatic Substances(HAS)	-	-	Capacitors and transformers：Monohalogenated aromatic compound <500ppm; Polyhalogenated aromatic compound <50ppm	-
五氯苯	Pentachlorobenzene(PeCB)	608-93-5	-	Banned	-
十氯酮	Chlordecone	143-50-0	-	Banned	-

對苯二胺類物質	N,N'-dixylyl-p-phenylene diamin,N-tolyl-N'-xyly l-p-phenylenediamine or N,N'-dixylyl-p-phenylene diamine	27417-40-9; 28726-30-9; 70290-05-0	-	Banned	-
三氯乙烷	Methyl chloroform	74552-83-3		Banned	-
磷酸三甲苯酯	Tri-o-cresyl phosphate or Tricresyl phosphate (TCP)	1330-78-5	C21H21O4P	Banned	-
烷基酚類	Alkylphenol	-	-	<1000ppm	-
放射性物質(放射性同位素)	Radioactive Substances(Radioactive Isotope)	-	-	Banned	-
三氧化二銻	Antimony trioxide	1309-64-4	Sb2O3	<1000ppm	-
2-(2'-羥基-3',5'-二叔丁基苯基)-苯並三唑	Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)	3846-71-7	C20H25N3O	Banned	Japan CSCL
高氯酸鹽	Perchlorates	-	-	In the parts: <0.006ppm	-
溴系阻燃劑	Brominated Flame Retardants(other than Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs) or (HBCDD)	-	-	For halogen free product < 900ppm (The sum of bromine (Br) and chlorine (Cl) concentrations <1500ppm)	IEC61249-2-21
				Plastic materials except printed wiring board laminates <1000ppm	JEDEC/ECA JS-709A
氯系阻燃劑	Chlorinated Flame Retardants	-	-	For halogen free product < 900ppm	IEC61249-2-21

				(The sum of bromine (Br) and chlorine (Cl) concentrations <1500ppm)	
				Plastic materials except printed wiring board laminates <1000ppm	JEDEC/ECA JS-709A
鈹及其鈹化合物	Beryllium and its compounds	-	-	Banned	Customer required
聚氯乙烯	Polyvinyl Chloride(PVC)	9002-86-2	(C2H3Cl)n	plastic material<1000ppm Intentionally added	JS709 Customer required
六溴環十二烷	Hexabromocyclododecane (HBCDD)	25637-99-4 (134237-50-6/134237-51-7/134237-52-8)		<100ppm	(EU) 2016/293 (POPs)
鉛及鉛化合物	Lead and its compounds	7439-92-1		Consumer products designed or intended primarily for children 12years of age or younger <100ppm	U.S. Consumer Product Safety Improvement Act as modified by 76 FR 44463
				Paint and similar surface coatings of toys and other articles intended for use by children	U.S. Consumer Product Safety Improvement Act

				<90ppm	
				Batteries <40ppm	2006/66/EC EU Battery Directive; Chinese Standard GB 24427-2009
汞及汞化合物	Mercury and its compounds	7439-97-6		Batteries Intentionally added or <1ppm	Taiwan Restrictions on the Manufacture, Import, and Sale of Dry Cell Batteries; Chinese Standard GB 24427-2009 "Limitation of mercury, cadmium and lead contents for alkaline and non-alkaline zinc manganese dioxide batteries" ; Korea: Law on quality management and control of safety of industrial products Battery regulation; 2006/66/EC EU Battery Directive; New York Env Law § 27-0719 Battery Management and Disposal
				Batteries total Hg in homogenou s material <5ppm	Canadian Products Containing Mercury Regulations (SOR/2014-

					254)
全氟辛酸（PFOA）及其鹽類脂類	Perfluorooctanoic acid (PFOA) and individual salts and esters			Textiles, photographic coatings applied to films, paper or printing plates and other coated consumer products. <1ug/m2	Norwegian products regulation Section 2-32
二苯胺與苯乙烯和 2,4,4-三甲基戊烯的反應產物	Benzenamine, N- phenyl-, reaction products with styrene and 2,4,4- trimethylpentene	68921-45-9	272-940-1	Intentionally added	Prohibition of Certain Toxic Substances Regulations, 2012, CANADA

2.5 Proposition 65 :「the Safe Drinking Water and Toxic Enforcement Act」. From 1986/11。

About the latest Proposition 65 lists, please refer to following Proposition 65 website

Proposition 65 website : https://oehha.ca.gov/proposition-65/proposition-65-list

2.6 TSCA announces that five PBTs contained in raw materials and finished products are prohibited from being imported into the United States.

The US Environmental Protection Agency this time not only prohibits raw materials, but also includes "finished products" containing these substances. The details of the control scope of these 5 PBTs and the individual effective time are as follows.

The complete content is mainly based on the official website of USEPA.

USEPA. Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under TSCA Section 6(h).

https://www.epa.gov/assessing-and- managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under

化合物名稱 Chemical		CAS No.	
2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)		732-26-3	
管制範圍 Scope of control		限值 Limit	生效日 Effective date
1	銷售在容積小於 35 加侖的容器中 Sold in containers with a volume of less than 35 gallons	≤ 0.3%	January 6, 2026
2	用於潤滑油添加劑加工和銷售 For lubricating oil additive processing and sales	≤ 0.3%	January 6, 2026
3	批發商應遵守§751.409 中的禁止/限制和其他規定維護平常業務記錄	記錄生成後保存三年 Records are kept for three years after creation	January 6, 2026

	Wholesalers shall maintain ordinary business records in compliance with prohibitions/restrictions and other provisions in 751.409		
化合物名稱 Chemical		CAS No.	
Hexachlorobutadiene (HCBD)		87-68-3	
管制範圍 Scope of contro		限值 Limit	生效日 Effective date
1	製造，加工和分銷六氯丁二烯或含六氯丁二烯的產品或成品[1] Manufacture, processing and distribution of hexachlorobutadiene or hexachlorobutadiene-containing products or finished products[1]	禁止 Prohibited	March 8, 2021
2	六氯丁二烯或含六氯丁二烯的產品或成品的製造商，加工商和分銷商應保持與遵守§751.413 的禁止/限制和其他規定有關的平常業務記錄 Manufacturers, processors and distributors of hexachlorobutadiene or hexachlorobutadiene-containing products or finished products shall maintain ordinary business records related to compliance with the prohibitions/restrictions and other provisions of 751.413	紀錄生成後保存三年 Records are kept for three years after creation	March 8, 2021

[1] 豁免 [1]Exempt：
-在製造氯化溶劑時非刻意產生副產品六溴環十二烷 Unintentional by-product hexabromocyclododecane in the manufacture of chlorinated solvents
-六溴環十二烷的加工和分發，以用作廢燃料燃燒 Processing and distribution of hexabromocyclododecane for use as spent fuel combustion

化合物名稱 Chemical	CAS No.
DecaBDE	1163-19-5

管制範圍 Scope of contro		限值 Limit	生效日 Effective date
1	十溴二苯醚或含十溴二苯醚的產品或成品的製造和加工[1,2] Manufacture (including import), processing, and distribution in commerce of decaBDE, and products containing decaBDE, for all uses.[1,2]	禁止 Prohibited	March 8, 2021
2	十溴二苯醚或含十溴二苯醚的產品或成品的製造商，加工商和分銷商應保持與遵守 751.405 條中的禁止/限制和其他相關規定有關的平常的業務記錄 Manufacturers, processors, and distributors of decabromodiphenyl ether or products or finished products containing decabromodiphenyl ether shall maintain ordinary business records related to compliance with the prohibitions/restrictions and other relevant regulations in 751.405.	記錄生成後保存三年 Records are kept for three years after they are created. (腳註 1 和 2 不需要) (Note 1 & 2 not required)	March 8, 2021
3	分銷十溴二苯醚或含十溴二苯醚的產品或成品 Distribution of DecaBDE or DecaBDE-containing products or finished products	禁止 Prohibited	January 6, 2022
4	用於酒店業窗簾的製造，加工和分銷，以及窗簾添加了十溴二苯醚 Used in the manufacture, processing and distribution of curtains for the hospitality industry, as well as curtains with decabromodiphenyl ether added.	禁止 Prohibited	July 6, 2022
5	用於核發電設施中的電線和電纜絕緣體以及含十溴二苯醚的電線和電纜絕緣體的加工和分配 For the processing and distribution of wire and cable insulators and decabromodiphenyl ether-containing wire and cable insulators in nuclear power generation facilities.	禁止 Prohibited	January 6, 2023

6	製造，加工和分銷，用於安裝在新航空航天器中並作為新航空器的一部分分發的零部件，以及用於此類航天器的零部件[3] Manufacture, processing and distribution of parts for installation in new aerospace vehicles and for distribution as part of new aircraft, and parts for such spacecraft[3]	禁止 Prohibited	January 8, 2024
7	生產，加工和分銷含十溴二苯醚的汽車替換零件 Manufacture, processing and distribution of automotive replacement parts containing decabromodiphenyl ether.	禁止 Prohibited	2036 年或車輛使用壽命結束後，以較早者為主 2036 or after the end of the vehicle's useful life, whichever is earlier.

[1] 在棧板使用壽命到期後，禁止分銷 2021 年 3 月 8 日之前製造的含十溴二苯醚的塑料運輸棧板
Ban on distribution of decabromodiphenyl ether-containing plastic shipping pallets manufactured before March 8, 2021 after the pallets have expired

[2] 豁免從產品或成品由再生塑料來自於產品或成品中回收含十溴二苯醚的塑料的加工和分銷
Exemption from the processing and distribution of decaBDE-containing plastics recovered from products or finished products made from recycled plastics

[3] 航空航天器的使用壽命結束後，禁止進口，加工和分銷以下物品：
After the end of the useful life of the aerospace vehicle, the import, processing and distribution of the following items are prohibited:
-2024 年 1 月 8 日之前生產的含十溴二苯醚的航空航天器 DecaBDE-containing aerospace vehicles produced before 8 January 2024
-含十溴二苯醚的航空航天器替代零件 Replacement parts for aerospace vehicles containing decabromodiphenyl ether

化合物名稱 Chemical	CAS No.
Phenol, Isopropylated phosphate (3:1) (PIP 3:1)	68937-41-7

	管制範圍 Scope of contro	限值 Limit	生效日 Effective date
1	加工和分銷 PIP(3:1)，包括包含 PIP(3:1)的產品或成品[1,2] Processing and distribution of PIP (3:1), including products or finished products containing PIP (3:1) [1,2]	禁止 Prohibited	March 8, 2021

2	PIP(3:1)或 PIP(3:1)的產品或成品的製造商，加工商和分銷商，應維護與遵守§751.407 的禁止/限制和其他規定相關的正常業務記錄 Manufacturers, processors and distributors of PIP(3:1) or PIP(3:1) products or finished goods, shall maintain normal business records related to compliance with the prohibitions/restrictions and other provisions of 751.407	記錄生成後保存三年 Records are kept for three years after they are created (對於腳註 1 的最後 2 個項目的活動不是必需的) (Activities on the last 2 items of Note 1 are not required)	March 8, 2021
3	在製造，加工和分配過程中釋放到水中 Released into water during manufacturing, processing and distribution	禁止 Prohibited	March 8, 2021
4	攝影印刷品 Photographic print	禁止 Prohibited	January 1, 2022
5	膠粘劑和密封膠 Adhesives and Sealants	禁止 Prohibited	January 6, 2025

[1] 豁免 [1] Exempt：

-航空或軍事用液壓油 Aviation or Military Hydraulic Fluids

-潤滑劑和油脂 Lubricants and Greases

-汽車和航空航天器的新零件和替換零件 New and Replacement Parts for Automotive and Aerospace

-在封閉系統中製造氰基丙烯酸酯粘合劑 Manufacture of cyanoacrylate adhesives in closed systems

-火車和船舶應用的專用發動機空氣濾清器 Specialized engine air filters for train and marine applications

-從含 PIP(3:1)的產品或成品中回收的塑料 Plastics recovered from products or finished products containing PIP (3:1)

-從包含 PIP(3:1)的產品或成品中回收的塑料製成的成品或成品

Finished or finished products made from plastic recycled from products or finished products that contain PIP (3:1)

[2] 下游通知要求，可以透過安全數據表(SDS)或包含 PIP(3:1)或含 PIP(3:1)的產品標籤中文字的方式

[2] Downstream notification requirements, which can be through Safety Data Sheets (SDS) or text on product labels that contain PIP (3:1) or contain PIP (3:1)

化合物名稱 Chemical	CAS No.	
Pentachlorothiophenol (PCTP)	133-49-3	
管制範圍 Scope of contro	**限值 Limit**	**生效日 Effective date**

1	CTP 或含 PCTP 的產品或成品的製造和加工 Manufacture and processing of CTP or PCTP-containing products or finished products	除非濃度≤1%， 否則禁用 Unless the concentration is ≤ 1%, otherwise disable	March 8, 2021
2	PCTP 或含 PCTP 的產品或物品的製造商，加工商和分銷商應保持與遵守§751.411 中的禁止/限制和其他規定相關的平常業務記錄 Manufacturers, processors, and distributors of PCTP or PCTP-containing products or articles shall maintain ordinary business records related to compliance with the prohibitions/restrictions and other provisions in 751.411	紀錄生成後保存三年 Records are kept for three years after they are created	March 8, 2021
3	分銷 PCTP 或含 PCTP 的產品或成品 Distribute PCTP or PCTP-containing products or finished products	除非濃度≤1%， 否則禁用 Unless the concentration is ≤ 1%, otherwise disable	January 6, 2022

3 Banned substances (Customer policy)

Group	Substance	CAS No	Banned usage	Legislation
	2-benzotriazole-2-yl4,6-ditert-butyl-phenol	3846-71-7	All application	REACH: Candidate list
	4,4'-diaminodiphenylmethane (MDA)	101-77-9	All application	REACH: Candidate list

Arsenic compounds *1		Several	In wood preservation substances	REACH: Annex XVII
Asbestos		Several	All application	REACH: Annex XVII
Azocolourants		Several	All application	REACH: Annex XVII
Benzidine and its salts, 4-aminobiphenyl and its salts, thiocarbamide,2-Naphthylamine and its salts		Several	All application	REACH: Annex XVII
	Benzyl butyl phthalate (BBP)	85-68-7 201-622-7 (EC)	All application	REACH: Annex XVII
	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7 204-211-0 (EC)	All application	REACH: Annex XVII
	Beryllium Oxide	1304-56-9	All application	
Cadmium and cadmium compounds		Several	All applications except of batteries for special applications *3	REACH: Annex XVII
Chromium(VI) compounds	Chromium(VI) compounds: lead chromate in general, and chromium(VI) compounds in pigments	Several	All applications	REACH: Annex XVII
	Cobalt dichloride	7646-79-9	All applications	REACH: Candidate list
	Dimethylfumarate (DMFu)	624-49-7	All applications	REACH: Annex XVII

	Formaldehyde	50-00-0	Preservative in wood *4	CoRAP + EC list no: 200-001-8
Lead/Lead compounds		Several	All applications except for lead acid batteries and lead sheeted cable maintenance	REACH: Annex XVII
CFCs– Chlorofluorocarbons		Several	All applications	The Montreal Protocol and EC/1005/2009
Halons		Several	All applications	The Montreal Protocol and EC/1005/2009
HCFCs – Hydrochlorofluorocarbons		Several	All applications	The Montreal Protocol and EC/1005/2009
	Bromochloromethane	74-97-5	All applications	The Montreal Protocol and EC/1005/2009
	Carbon tetrachloride	56-23-5	All applications	The Montreal Protocol and EC/1005/2009
	Methyl bromide	74-83-9	All applications	The Montreal Protocol and EC/1005/2009
	Methylene chloride	75-09-2	All applications	REACH: Annex XVII
	n-bromopropane	106-94-5	All applications	The Montreal Protocol and EC/1005/2009
	1.1.1-trichloroethane	71-55-6	All applications	The Montreal Protocol and EC/1005/2009

	1,2,4-Trichlorobenzene (TBC)	120-82-1	All applications	The Montreal Protocol and EC/1005/2009

Notes

* 1 Arsenic and arsenic compounds on trace element level is acceptable.
* 2 EU Directive 2002/61/EC
* 3 Exception: Nickel-cadmium batteries in stationary applications where other types of batteries is not suitable due to extreme temperatures or charging procedures.
* 4 Formaldehyde level <0.124 mg/m3 air (E1-norm according to test method EN 717-1) or <3.5 mg/m3 air (test method EN717-2).