Annex 4 / 附錄 4

Limit values table / 限量值表

Any value measured in the laboratory (which is measured in mg/kg, µg/m² or w-%) must be below the specified limit to obtain the certificate.

在實驗室量度的任何值（以 mg/kg、µg/m² 或 w-%為量度單位）必須低於指定的限量值，方可取得認證。

Limit values and fastness, part 1 / 限量值和色牢度，第一部分

(The testing procedures are described in a separate document / 測試方法描述於其他文件)

Product Class / 產品級別	**I** Baby / 嬰幼兒	**II** in direct contact with skin / 直接接觸皮膚	**III** with no direct contact with skin / 非直接接觸皮膚	**IV** Decoration material / 裝飾材料
pH value / 酸鹼值 [1]				
	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde, free and partially releasable / 游離的和可部分釋放的甲醛 **[mg/kg]**				
Law 112 / 112 法	n.d.[2]	75	150	300
Extractable (heavy) metals / 可萃取的重金屬 **[mg/kg]**				
Sb (Antimony / 銻)	30.0	30.0	30.0	
As (Arsenic / 砷)	0.2	1.0	1.0	1.0
Pb (Lead / 鉛)	0.2	1.0[3]	1.0[3]	1.0[3]
Cd (Cadmium / 鎘)	0.1	0.1	0.1	0.1
Cr (Chromium / 鉻)	1.0	2.0	2.0	2.0
Cr(VI) / 鉻 (六價)	0.5			
Co (Cobalt / 鈷)	1.0	4.0	4.0	4.0
Cu (Copper / 銅)	25.0[4]	50.0[4]	50.0[4]	50.0[4]
Ni (Nickel / 鎳)[5]	1.0[6]	4.0[7]	4.0[7]	4.0[7]
Hg (Mercury / 汞)	0.02	0.02	0.02	0.02
Ba (Barium / 鋇)	1000	1000	1000	1000
Se (Selenium / 硒)	100	100	100	100
Heavy metals total content / 重金屬總含量 **[mg/kg]**				
As (Arsenic / 砷)	100	100	100	100
Cd (Cadmium / 鎘)	40.0	40.0[3]	40.0[3]	40.0[3]
Hg (Mercury / 汞)	0.5	0.5	0.5	0.5
Pb (Lead / 鉛)	90.0	90.0[3]	90.0[3]	90.0[3]
Pesticides / 殺蟲劑 **[mg/kg][8,9]**				
Sum / 總計 [9]	0.5	1.0	1.0	1.0
Glyphosate and salts for conventional cotton / 常規棉的嘉磷塞和鹽	5	5	5	5
Pesticides under observation / 受監測的殺蟲劑 [9]	u.o.[10]			

[1] Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for film materials (e.g. polyolefin films) with incorporated Calciumbicarbonate/carbonate or talc, which do not have directly contact to skin: 4.0 – 10.0 / 例外情況：後續加工必需經過濕處理的產品：4.0 - 10.5；泡綿製品：4.0 - 9.0；含有碳酸氫鈣/碳酸鹽或滑石粉的膜材料（例如聚烯烴薄膜），非直接接觸皮膚： 4.0 – 10.0

[2] n.d. corresponds according to „Japanese Law 112" test method with an absorbance unit less than 0.05 resp. 16 mg/kg / 此處不得檢出（n.d.）是指使用「日本 112 法」中規定的吸收測試法應小於 0.05 吸收率單位，即應少於 16mg/kg

[3] For accessories made from glass: 0.1 % (1000 mg/kg) / 對於用玻璃製成的輔料：0.1% (1000 mg/kg)

[4] No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products / 對於無機材料製成的輔料和紗線，無生物活性產品相關要求

[5] Including the requirement by REACH-Regulation Annex XVII, Entry 27 / 包括 REACH 法規附件 17 第 27 條的要求

[6] For metallic accessories and metallized surfaces: 0.5 mg/kg / 只適用於金屬輔料及經金屬處理之表面: 0.5 mg/kg

[7] For metallic accessories and metallized surfaces: 1.0 mg/kg / 只適用於金屬輔料及經金屬處理之表面: 1.0 mg/kg

[8] For natural fibres only / 僅適用於天然纖維

[9] The individual substances are listed in Annex 5 / 具體物質列在附錄 5 中

[10] u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated indeed / u.o.=受監測；隨機進行物質檢測，其結果僅用於參考；目前不做限量要求

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Annex 4 / 附錄 4

Limit values and fastness, part 2 / 限量值和色牢度，第二部分

(The testing procedures are described in a separate document / 測試方法描述於其他文件)

Product Class / 產品級別	**I** Baby / 嬰幼兒	**II** in direct contact with skin / 直接接觸皮膚	**III** with no direct contact with skin / 非直接接觸皮膚	**IV** Decoration material / 裝飾材料
Chlorinated phenols / 氯化苯酚 [mg/kg][9]				
Pentachlorophenol / 五氯苯酚 (PCP)	0.05	0.5	0.5	0.5
Tetrachlorophenols / 四氯苯酚 (TeCP), Sum / 總計	0.05	0.5	0.5	0.5
Trichlorophenols / 三氯苯酚 (TrCP), Sum / 總計	0.2	2.0	2.0	2.0
Dichlorophenols / 二氯苯酚 (DCP), Sum / 總計	0.5	3.0	3.0	3.0
Monochlorophenols / 一氯苯酚 (MCP), Sum / 總計	0.5	3.0	3.0	3.0
Phthalates / 鄰苯二甲酸酯 [w-%][11]				
Sum / 總計 [9]	0.05	0.05	0.05	
Sum without DINP / 不含 DINP 總和 [9]				0.1
Organic tin compounds / 有機錫化合物 [mg/kg][9]				
TBT, TPhT	0.5	1.0	1.0	1.0
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPhT, TeBT, TeET, TCyHT, TMT, TOT, TeOT, TPT	1.0	2.0	2.0	2.0
Other chemical residues / 其他殘餘化學物				
Carcinogenic Arylamines / 致癌芳香胺 [mg/kg][9,12,13]	20	20	20	20
Arylamines under observation / 受監測的芳香胺 [9]	u.o.[10]			
Aniline / 苯胺 [mg/kg][9,14]	20	50	50	50
Benzene / 苯 [mg/kg][9]	5.0	5.0	5.0	5.0
Bisphenol A / 雙酚 A [mg/kg][9]	100	100	100	100
Diazene-1,2-dicarboxamide / 偶氮二甲酰胺 [w%][9]	0.1	0.1	0.1	0.1
DMFu / 富馬酸二甲酯 [mg/kg][9]	0.1	0.1	0.1	0.1
OPP / 鄰苯基苯酚 [mg/kg][9]	10	25	25	25
Phenol / 苯酚 [mg/kg][9]	20	50	50	50
Quinoline / 喹啉 [mg/kg][9]	50	50	50	50
Glutaraldehyde / 戊二醛 [mg/kg][9]	1000	1000	1000	1000
TCEP / 三(2-氯乙基)磷酸酯 [mg/kg][9]	10	10	10	10
Chemical residues under observation / 受監測的化學殘留物 [9]	u.o.[10]			
Colorants / 染料 [mg/kg]				
Cleavable carcinogenic arylamines / 可裂解的致癌芳香胺 [9,13]	20	20	20	20
Cleavable arylamines under observation / 受監測的可裂解芳香胺 [9,13]	u.o.[10]			
Cleavable Aniline / 可裂解的苯胺 [9,14]	20	50	50	50
Carcinogens / 致癌物 [9]	50			
Allergens / 致敏物 [9]	50			
Others / 其他 [9]	50			
Navy Blue / 海軍藍 [9]	not used / 不得使用			
C.I. Basic Yellow 2 / C.I.鹼性黃 2 (C.I. Solvent Yellow 34; Auramine hydrochloride)	u.o.[10]			

[9] The individual substances are listed in Annex 5 / 具體物質列在附錄 5 中

[11] For coated articles, plastisol prints, flexible foams, and accessories made from plastics / 適用於塗層產品、膠漿印花、柔軟泡綿和塑料材質輔料

[12] For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines / 適用於所有含有聚氨酯的材料或其他可能含有游離致癌芳香胺的材料

[13] The sum of cleavable carcinogenic arylamine and of possibly also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg / 可裂解的致癌芳香胺和可能以化學殘餘物形式存在的游離致癌（相同）芳香胺的總量必須 20 mg/kg

[10] u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated indeed / u.o.=受監測；隨機進行物質檢測，其結果僅用於參考；目前不做限量要求

[14] The sum of cleavable aniline and of possibly also as chemical residue present free aniline has to be also 20 mg/kg (product class I) resp. 50 mg/kg (product classes II till IV) / 可裂解的苯胺和可能以化學殘餘物形式存在的游離苯胺的總量必須 20 mg/kg（產品級別 I）或 50 mg/kg（產品級別 II 至 IV）

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Annex 4 / 附錄 4

Limit values and fastness, part 3 / 限量值和色牢度，第三部分

(The testing procedures are described in a separate document / 測試方法描述於其他文件)

Product Class / 產品級別	**I** Baby / 嬰幼兒	**II** in direct contact with skin / 直接接觸皮膚	**III** with no direct contact with skin / 非直接接觸皮膚	**IV** Decoration material / 裝飾材料
Chlorinated benzenes and toluenes / 氯化苯和氯化甲苯 **[mg/kg][9]**				
Sum / 總計	1.0	1.0	1.0	1.0
Polycyclic aromatic hydrocarbons (PAHs) / 多環芳烴 **[mg/kg][15]**				
Benzo[a]pyrene / 苯並[a]芘	0.5	1.0	1.0	1.0
Benzo[e]pyrene / 苯並[e]芘	0.5	1.0	1.0	1.0
Benzo[a]anthracene / 苯並[a]蒽	0.5	1.0	1.0	1.0
Chrysene / 䓛	0.5	1.0	1.0	1.0
Benzo[b]fluoranthene / 苯並[b]熒蒽	0.5	1.0	1.0	1.0
Benzo[j]fluoranthene / 苯並[J]熒蒽	0.5	1.0	1.0	1.0
Benzo[k]fluoranthene / 苯並[k]熒蒽	0.5	1.0	1.0	1.0
Dibenzo[a,h]anthracene / 二苯並[a,h]蒽	0.5	1.0	1.0	1.0
Sum 24 PAHs / 24 種 PAHs 總和 [9]	5.0	10.0	10.0	10.0
Biological active products / 生物活性產品				
	none / 沒有 [16]			
Flame retardant products / 阻燃產品				
General / 總體	none / 無 (10 mg/kg; each / 每個; for sum SCCP + MCCP / SCCP + MCCP 總量 50 mg/kg)[16,17] Sum of all / 總量 50 mg/kg			
Solvent residues / 溶劑殘留 **[w-%][9,18]**				
NMP (N-甲基吡咯烷酮)[19]	0.05 0.10[20]			
DMAc (N,N-二甲基乙酰胺)[19]	0.05 0.10[20]			
DMF (N,N-二甲基甲酰胺)[19]	0.05 0.10[20]			
Formamide / 甲酰胺	0.02	0.02	0.02	0.02
Surfactant, wetting agent residues, alkyl phenols / 殘餘表面活性劑,潤濕劑 **[mg/kg][9]**				
BP, NP, OP, HpP, PeP; / Sum / 總計	10.0	10.0	10.0	10.0
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); / Sum / 總計	100.0	100.0	100.0	100.0

[9] The individual substances are listed in Annex 5 / 具體物質列在附錄 5 中

[15] For all synthetic fibres, yarns, or threads and for plastic materials / 適用於所有合成纖維、紗線或股線及塑料材料

[16] With exception of treatments accepted by OEKO-TEX® (see actual list on http://www.oeko-tex.com) / 除了 OEKO TEX®認可的處理方法外（請參閱 http://www.oeko-tex.com 網站發布的實際列表）

[17] Accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 5 as active agent / 認可的阻燃產品不應含有任何附錄 5 活性劑中所列禁用阻燃物質

[18] For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production / 適用於在生產過程中使用溶劑的纖維、紗線、面料和塗層產品（如人造革）以及泡綿（EVA、PVC）

[19] Exception for products which must undergo further industrial production stages (heat process in wet or dry stage preferred, but also other steps are possible): maximal 3.0 % / 例外情況：後續加工必須經過進一步的工業化生產階段（濕熱或乾熱處理，但也可能採用其它處理步驟）：最大 3.0 %

[20] For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles. / 對於採用聚丙烯腈(PAN)，氨綸(EL)/聚氨酯、聚酰亞胺和芳綸製成的材料以及塗層紡織品（PU-、PVC-、PVC-搪膠漿-、PVDC-、PVC 共聚物）

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Annex 4 / 附錄 4

Limit values and fastness, part 4 / 限量值和色牢度，第四部分

(The testing procedures are described in a separate document / 測試方法描述於其他文件)

Product Class / 產品級別	I Baby / 嬰幼兒	II in direct contact with skin / 直接接觸皮膚	III with no direct contact with skin / 非直接接觸皮膚	IV Decoration material / 裝飾材料
PFCs, Per- and polyfluorinated compounds / 全氟及多氟化合物 [9,21]				
PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; / Sum / 總計 [µg/m2]	1.0	1.0	1.0	1.0
PFOA and salts Sum / 全氟辛酸及其鹽/總計 [mg/kg]	0.025	0.025	0.025	0.025
PFHpA [mg/kg]	0.05	0.1	0.1	0.5
PFNA [mg/kg]	0.05	0.1	0.1	0.5
PFDA [mg(kg]	0.05	0.1	0.1	0.5
PFUdA [mg/kg]	0.05	0.1	0.1	0.5
PFDoA [mg/kg]	0.05	0.1	0.1	0.5
PFTrDA [mg/kg]	0.05	0.1	0.1	0.5
PFTeDA [mg/kg]	0.05	0.1	0.1	0.5
Further Perfluorinated carboxylic acids, each; according to Annex 5 / 全氟羧酸，每種，參考附錄 5 [mg/kg]	0.05			
Perfluorinated sulfonic acids, each; according to Annex 5 / 全氟磺酸，每種，參考附錄 5 [mg/kg]	0.05			
Partially fluorinated carboxylic / sulfonic acids, each; according to Annex 5 / 部分氟化羧酸/部分氟化磺酸，每種，參考附錄 5 [mg/kg]	0.05			
Partially fluorinated carboxylic / sulfonic acids, under observation / 受監測	u.o.[10]			
Partially fluorinated linear alcohols, each; according to Annex 5 / 部分氟化直鏈醇，每種，參考附錄 5 [mg/kg]	0.50			
Esters of fluorinated alcohols with acrylic acid, each; according to Annex 5 / 氟化醇與丙烯酸形成的酯類，每種，參考附錄 5 [mg/kg]	0.50			
PFOA related Substances Sum / PFOA 相關物質/總計 [mg/kg][22]	1.0	1.0	1.0	1.0
UV stabilizers / 紫外線穩定劑 [w-%][9]				
UV 320	0.1	0.1	0.1	0.1
UV 327	0.1	0.1	0.1	0.1
UV 328	0.1	0.1	0.1	0.1
UV 350	0.1	0.1	0.1	0.1
Chlorinated paraffins / 氯化石蠟 [9]				
Sum of SCCP and MCCP (SCCP_和_MCCP) [mg/kg]	50	50	50	50
Siloxanes / 矽氧烷 [w-%][9]				
Octamethylcyclotetrasiloxane (D4) / 八甲基環四矽氧烷(D4)	0.1	0.1	0.1	0.1
Decamethylcyclopentasiloxane (D5) / 十甲基環五矽氧烷(D5)	0.1	0.1	0.1	0.1
Dodecamethylcyclohexasiloxane (D6) / 十二甲基環六矽氧烷(D6)	0.1	0.1	0.1	0.1
N-Nitrosamines / 亞硝胺; each / 每種 [9] **[mg/kg]**	0.5	0.5	0.5	0.5
N-nitrosatable substances / 亞硝基物質; Sum / 總計 [mg/kg]	5	5	5	5

[9] The individual substances are listed in Annex 5 / 具體物質列在附錄 5 中

[21] For all materials with a water, soil or oil repellent finish or coating / 適用於所有經防水、防污或防油整理或塗層的材料

[10] u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated indeed / u.o.=受監測；隨機進行物質檢測，其結果僅用於參考；目前不做限量要求

[22] Any other substance, which can degrade to PFOA, including substances (also salts and polymers) having linear or branched perfluoroheptyl derivatives with the formula (C7F15)C as a structural element. Except those derivatives with the formula C8F17-X, where X= F, Cl, Br, and fluoropolymers that are covered by CF3[CF2]n-R', where R'=any group, n> 16, and perfluoroalkyl carboxylic acids (including their salts, esters, halides and anhydrides) with ≥ 8 perfluorinated carbons. Also excluded are perfluoroalkane sulfonic acids and perfluoro phosphonic acids (including their salts, esters, halides and anhydrides) with ≥ 9 perfluorinated carbons or, perfluorooctanesulfonic acid and its derivatives (PFOS), which are listed in the Appendix I Part A of the regulation VO (EU) 2019/1021. / 任何其他可降解為 PFOA 的物質, 包括具有線性或支鏈式全氟庚基衍生物的物質(也包括鹽和聚合物), 其分子式 C7F15)C 為結構元素. 除分子式為 C8F17-X 的衍生物, 其中 X=F、Cl、Br 和含 CF3[CF2] nR' 的氟聚合物, 其中 R'=任意基團、n>16 和含 8 個全氟碳的全氟烷基羧酸甜苦辣包括其鹽、酯、鹵化物和酸酐)除外. 同樣被排除的還有全氟烷烴磺酸和全氟膦酸甜苦辣包括其鹽、酯、鹵化物和酸酐)與≤9 個全氟碳或全氟辛烷磺酸及其衍生物(全氟辛烷磺酸及其衍生物), 它們列於 VO(EU) 2019/1021 條例的附錄 IA 部分.

Annex 4 / 附錄 4

Limit values and fastness, part 5 / 限量值和色牢度，第五部分

(The testing procedures are described in a separate document / 測試方法描述於其他文件)

Product Class / 產品級別	**I** Baby / 嬰幼兒	**II** in direct contact with skin / 直接接觸皮膚	**III** with no direct contact with skin / 非直接接觸皮膚	**IV** Decoration material / 裝飾材料
Colour fastness (staining) / 色牢度 (沾色)				
To water / 耐水	3 - 4	3	3	3
To acidic perspiration / 耐酸性汗液	3 - 4	3 - 4	3 - 4	3 - 4
To alkaline perspiration / 耐鹼性汗液	3 - 4	3 - 4	3 - 4	3 - 4
To rubbing, dry / 耐乾摩擦 [23,24]	4	4	4	4
To saliva and perspiration / 耐唾液和汗液	fast / 牢固			
Emission of volatiles / 可揮發物釋放量 **[mg/m3]** [25]				
Formaldehyde / 甲醛 [50-00-0]	0.1	0.1	0.1	0.1
Toluene / 甲苯 [108-88-3]	0.1	0.1	0.1	0.1
Styrene / 苯乙烯 [100-42-5]	0.005	0.005	0.005	0.005
4-Vinylcyclohexene / 乙烯基環己烷 [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene / 苯基環己烷 [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene / 丁二烯 [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride / 氯乙烯 [75-01-4]	0.002	0.002	0.002	0.002
Aromatic hydrocarbons / 芳香烴	0.3	0.3	0.3	0.3
Organic volatiles / 有機揮發物	0.5	0.5	0.5	0.5
Organic cotton fibres and materials / 有機棉纖維和材料 [26]				
Glyphosate and salts for organic cotton / 有機棉中的草甘膦和其鹽	0.5	1.0	1.0	1.0
Genetically modified organisms (GMO) / 轉基因生物(GMO)	not detectable / 未檢出			
Determination of odours / 氣味測定				
General / 總體	no abnormal odour / 無異味 [27]			
SNV 195 651 (Modified / 經修正) [25]	3	3	3	3
Banned fibres / 禁用纖維				
Asbestos / 石棉纖維	not used / 不得使用			

[23] No requirements for 'wash-out' – articles / 對於後續加工有"洗水處理"的產品無此項要求

[24] For pigment, vat or sulphurous colorants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable / 對於使用顏料、還原染料或硫化染料的產品，可接受的耐乾摩擦色牢度最小為 3 級

[25] For textile carpets, mattresses as well as foams and large coated articles not being used for clothing / 適用於紡織地毯、床墊、泡綿以及不用於服裝的大型塗層產品

[26] Refer also to item 5.5. of this standard / 另請參照本標準第 5.5.項

[27] No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume / 無模具異味，高沸點汽油裂解氣味、無魚腥味、無芳香或香精氣味

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 1 / 附錄 4 第 1 部分中的個別物質彙編

Pesticides / 殺蟲劑

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
2,4,5-T / 2,4,5-涕	93-76-5	Fenvalerate / 氰戊菊酯	51630-58-1
2,4-D / 2,4-滴	94-75-7	Heptachlor / 七氯	76-44-8
Acetamiprid / 啶蟲脒	135410-20-7, 160430-64-8	Heptachloroepoxide / 環氧七氯	1024-57-3, 28044-83-9
Aldicarb / 涕滅威	116-06-3	Hexachlorobenzene / 六氯代苯	118-74-1
Aldrine / 艾氏劑	309-00-2	Hexachlorocyclohexane, α- / α-六六六	319-84-6
Azinophosethyl / 益棉磷/乙基谷硫磷	2642-71-9	Hexachlorocyclohexane, β- / β-六六六	319-85-7
Azinophosmethyl / 保棉磷/谷硫磷	86-50-0	Hexachlorocyclohexane, δ- / δ-六六六	319-86-8
Bromophos-ethyl / 乙基溴硫磷	4824-78-6	Imidacloprid / 吡蟲啉	105827-78-9, 138261-41-3
Captafol / 敵菌丹	2425-06-1	Isodrine / 異艾氏劑	465-73-6
Carbaryl / 甲萘威	63-25-2	Kelevane / 克來範	4234-79-1
Chlorbenzilate / 乙酯殺螨醇	510-15-6	Kepone / 十氯酮	143-50-0
Chlordane / 氯丹	57-74-9	Lindane / 林丹	58-89-9
Chlordimeform / 克死螨	6164-98-3	Malathion / 馬拉硫磷	121-75-5
Chlorfenvinphos / 毒蟲畏	470-90-6	MCPA / 2-甲-4-氯(苯氧)乙酸	94-74-6
Clothianidin / 可尼丁	210880-92-5	MCPB / 2-甲-4-氯(苯氧)丁酸	94-81-5
Coumaphos / 香豆磷/蠅毒磷	56-72-4	Mecoprop / 2-甲-4-氯(苯氧)丙酸	93-65-2
Cyfluthrin / 氟氯氰菊酯	68359-37-5	Metamidophos / 甲胺磷	10265-92-6
Cyhalothrin / λ-氯氟氰菊酯	91465-08-6	Methoxychlor / 甲氧滴滴涕	72-43-5
Cypermethrin / 氯氰菊酯	52315-07-8	Mirex / 滅蟻靈	2385-85-5
DEF / 脫葉膦	78-48-8	Monocrotophos / 久效磷	6923-22-4
Deltamethrin / 溴氰菊酯	52918-63-5	Nitenpyram / 烯啶蟲胺	150824-47-8, 120738-89-8
DDD / 米托坦	53-19-0, 72-54-8	Parathion / 對硫磷	56-38-2
DDE / 滴滴伊	3424-82-6, 72-55-9	Parathion-methyl / 甲基對硫磷	298-00-0
DDT / 滴滴涕	50-29-3, 789-02-6	Perthane / 乙滴涕	72-56-0
Diazinon / 二嗪農	333-41-5	Phosdrin / Mevinphos / 速滅磷 / 磷君	7786-34-7
Dichlorprop / 2,4-滴丙酸	120-36-5	Phosphamidone / 磷胺	13171-21-6
Dicrotophos / 白治磷	141-66-2	Propethamphos / 烯蟲磷/胺丙畏	31218-83-4
Dieldrine / 狄氏劑	60-57-1	Profenophos / 丙溴磷	41198-08-7
Dimethoate / 樂果	60-51-5	Strobane / 毒殺芬	8001-50-1
Dinoseb, its salts and acetate / 地樂酚，及其鹽和醋酸鹽	88-85-7 et. al.	Quinalphos / 喹硫磷	13593-03-8
Dinotefuran / 呋蟲胺	165252-70-0	Telodrine / 碳氯靈	297-78-9
Endosulfan / 硫丹	115-29-7	Thiacloprid / 噻蟲啉	111988-49-9
Endosulfan, α- / α-硫丹	959-98-8	Thiamethoxam / 噻蟲嗪	153719-23-4
Endosulfan, β- / β-硫丹	33213-65-9	Toxaphene / 毒殺芬	8001-35-2
Endrine / 異狄氏劑	72-20-8	Trifluralin / 氟樂靈	1582-09-8
Esfenvalerate / 高效氰戊菊酯	66230-04-4		

Pesticides under observation / 受監測的殺蟲劑

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Carbendazim / 多菌靈	10605-21-7	DTTB / 5,7-二氯-4-（2,4,5-三氯苯氧基）-2-（三氟甲基）-1H-苯並咪唑	63405-99-2
Chlorothalonil / 百菌清	1897-45-6	Metam-sodium / 威百畝	137-42-8
Dichlorophene / 菌霉淨	97-23-4	Silafluofen / 氟硅菊酯	105024-66-6
Dicofol / 三氯殺螨醇	115-32-2	Tolyfluanide / 對甲抑菌靈	731-27-1

Glyphosate and salts / 草甘膦及其鹽	1071-83-6
(e.g. / 例 Isopropylammonium - salt / - 草甘膦異丙胺鹽,	38641-94-0
potassium salt / 鉀鹽,	70901-12-1
ammonium salt / 銨鹽)	40465-66-5 et.al.

Chlorinated phenols / 氯化苯酚

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Pentachlorophenol / 五氯苯酚	87-86-5	2,3-Dichlorophenol / 2,3-二氯苯酚	576-24-9
2,3,4,5-Tetrachlorophenol / 2,3,4,5-四氯苯酚	4901-51-3	2,4-Dichlorophenol / 2,4-二氯苯酚	120-83-2
2,3,4,6-Tetrachlorophenol / 2,3,4,6-四氯苯酚	58-90-2	2,5-Dichlorophenol / 2,5-二氯苯酚	583-78-8
2,3,5,6-Tetrachlorophenol / 2,3,5,6-四氯苯酚	935-95-5	2,6-Dichlorophenol / 2,6-二氯苯酚	87-65-0
2,3,4-Trichlorophenol / 2,3,4-三氯苯酚	15950-66-0	3,4-Dichlorophenol / 3,4-二氯苯酚	95-77-2
2,3,5-Trichlorophenol / 2,3,5-三氯苯酚	933-78-8	3,5-Dichlorophenol / 3,5-二氯苯酚	591-35-5
2,3,6-Trichlorophenol / 2,3,6-三氯苯酚	933-75-5	2-Chlorophenol / 2-氯苯酚	95-57-8
2,4,5-Trichlorophenol / 2,4,5-三氯苯酚	95-95-4	3-Chlorophenol / 3-氯苯酚	108-43-0
2,4,6-Trichlorophenol / 2,4,6-三氯苯酚	88-06-2	4-Chlorophenol / 4-氯苯酚	106-48-9
3,4,5-Trichlorophenol / 3,4,5-三氯苯酚	609-19-8		

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 2 / 附錄 4 第 2 部分中的個別物質彙編

Phthalates / 鄰苯二甲酸酯

Name / 名稱	CAS-Nr.	Acronym
Benzylbutylphthalate / 鄰苯二甲酸丁基苄酯	85-68-7	BBP
Dibutylphthalate / 鄰苯二甲酸二丁酯	84-74-2	DBP
Diethylphthalate / 鄰苯二甲酸二乙酯	84-66-2	DEP
Dimethylphthalate / 鄰苯二甲酸二甲酯	131-11-3	DMP
Di-(2-ethylhexyl)phthalate / 鄰苯二甲酸二（2-乙基己基）酯	117-81-7	DEHP
Di-(2-methoxyethyl)phthalate / 鄰苯二甲酸二(2-甲氧基乙基)酯	117-82-8	DMEP
Di-C6-8-branched alkylphthalates, C7 rich / 鄰苯二甲酸二(C6-8 支鏈)烷基酯（富 C7）	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates / 鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯	68515-42-4	DHNUP
Dicyclohexylphthalate / 鄰苯二甲酸二環己酯	84-61-7	DCHP
Dihexylphthalates, branched and linear / 鄰苯二甲酸二己酯（支鏈與直鏈）	68515-50-4	DHxP
Di-iso-butylphthalate / 鄰苯二甲酸二異丁酯	84-69-5	DIBP
Di-iso-hexylphthalate / 鄰苯二甲酸二異己酯	71850-09-4	DIHxP
Di-iso-octylphthalate / 鄰苯二甲酸二異辛酯	27554-26-3	DIOP
Di-iso-nonylphthalate / 鄰苯二甲酸二異壬酯	28553-12-0, 68515-48-0	DINP
Di-iso-decylphthalate / 鄰苯二甲酸二異癸酯	26761-40-0, 68515-49-1	DIDP
Di-n-propylphthalate / 鄰苯二甲酸二丙酯	131-16-8	DPrP
Di-n-hexylphthalate / 鄰苯二甲酸二己酯	84-75-3	DHP
Di-n-octylphthalate / 鄰苯二甲酸二正辛酯	117-84-0	DNOP
Di-n-nonylphthalate / 鄰苯二甲酸二壬酯	84-76-4	DNP
Di-pentylphthalate (n-, iso-, or mixed) / 鄰苯二甲酸二戊酯(正-、異-或其混合)	131-18-0, 605-50-5, 776297-69-9, 84777-06-0	DPP
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters / 鄰苯二甲酸，二-C6-10 烷基酯	68515-51-5	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters / (癸基,己基,辛基)酯與 1,2-苯二甲酸的複合物	68648-93-1	

Organic tin compounds / 有機錫化合物

Name / 名稱	Acronym	Name / 名稱	Acronym
Dibutyltin / 二丁基錫	DBT	Tetrabutyltin / 四丁基錫	TeBT
Dimethyltin / 二甲基錫	DMT	Tetraethyltin / 四乙基錫	TeET
Dioctyltin / 二辛基錫	DOT	Tributyltin / 三丁基錫	TBT
Diphenyltin / 二苯基錫	DPhT	Tricylcohexyltin / 三環乙基錫	TCyHT
Dipropyltin / 二丙基錫	DPT	Trimethyltin / 三甲基錫	TMT
Monomethyltin / 一甲基錫	MMT	Trioctyltin / 三辛基錫	TOT
Monobutyltin / 一丁基錫	MBT	Triphenyltin / 三苯基錫	TPhT
Monooctyltin / 一辛基錫	MOT	Tetraoctyltin	TeOT
Monophenyltin / 一苯基錫	MPhT	Tripropyltin / 三丙基錫	TPT

Arylamines having carcinogenic properties, cleavable arylamines / 會致癌的芳香胺，可裂解的芳香胺

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
MAK III, category 1 / MAK III, 第一類別		MAK III, category 1 / MAK III, 第一類別	
4-Aminobiphenyl / 4-氨基聯苯	92-67-1	4-Chloro-o-toluidine / 4-氯-鄰-氨基甲苯	95-69-2
Benzidine / 聯苯胺	92-87-5	2-Naphthylamine / 2-萘胺	91-59-8
MAK III, category 2 / MAK III, 第二類別		MAK III, category 2 / MAK III, 第二類別	
o-Aminoazotoluene / 鄰胺基偶氮甲苯	97-56-3	4,4'-Methylene-bis-(2-chloroaniline) / 4,4,-並甲基-二(2-氯苯胺）	101-14-4
2-Amino-4-nitrotoluene / 2-氨基-4-硝基甲苯	99-55-8	4,4'-Oxydianiline / 4,4'-二氨基二苯醚	101-80-4
4-Chloroaniline / 4-氯苯胺	106-47-8	4,4'-Thiodianiline / 4,4'-二氨基二苯硫醚	139-65-1
2,4-Diaminoanisole / 2,4'-二氨基苯甲醚	615-05-4	o-Toluidine / 鄰氨基甲苯	95-53-4
4,4'-Diaminodiphenylmethane / 4,4'-二氨基聯苯甲烷	101-77-9	2,4-Toluylenediamine / 2,4-二氨基甲苯	95-80-7
3,3'-Dichlorobenzidine / 3,3'-二氯聯苯氨	91-94-1	2,4,5-Trimethylaniline / 2,4,5-三甲基苯胺	137-17-7
3,3'-Dimethoxybenzidine / 3,3'-二甲氧基聯苯胺	119-90-4	o-Anisidine (2-Methoxyaniline) / 鄰氨基苯甲醚	90-04-0
3,3'-Dimethylbenzidine / 3,3'-二甲基聯苯胺	119-93-7	4-Aminoazobenzene / 4-氨基偶氮苯	60-09-3
4,4'-Methylenedi-o-toluidine / 4,4'-二氨基-3,3'-二甲基聯苯甲烷	838-88-0	2,4-Xylidine / 2,4-二甲基苯胺	95-68-1
p-Cresidine (6-Methoxy-m-toluidine) / 3-氨基對甲苯甲醚	120-71-8	2,6-Xylidine / 2,6-二甲基苯胺	87-62-7

Other Arylamines, cleavable arylamines; amine salts / 其它芳香胺，可裂解的芳香胺；胺鹽

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Aniline / 苯胺	62-53-3	2-Naphthylammoniumacetate / 2-萘胺乙酸鹽	553-00-4
4-Chloro-o-toluidinium chloride / 4-氯-鄰甲苯胺鹽酸鹽	3165-93-3	2,4-Diaminoanisole sulphate / 2,4-二氨基苯甲醚硫酸鹽	39156-41-7
2,4,5-Trimethylaniline hydrochloride / 2,4,5-三甲基苯胺鹽酸鹽	21436-97-5		

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 3 / 附錄 4 第 3 部分中的個別物質彙編

Arylamines under observation / 受監測的芳香胺

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
2-amino-5-nitrothiazole / 2-氨基-5-硝基噻唑	121-66-4	p-phenetidine / 對乙氧基苯氨	156-43-4
2-methyl-p-phenylendiamine / 2-甲基對苯二胺	615-50-9	p-anisidine / 對甲氧基苯氨	20265-97-8
3,3'-Diaminobenzidin (biphenyl-3,3',4,4'-tetrayltetraamine) / 3,3'-二氨基聯苯胺（3,3',4,4'-聯苯四胺)	91-95-2		

Dyestuffs and pigments classified as carcinogenic / 致癌染料及塗料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Acid Red 26 / C.I. 酸性紅 26	C.I. 16 150	3761-53-3
C.I. Acid Red 114 / C.I.酸性紅 114		6459-94-5
C.I. Basic Blue 26 (with ≥ 0.1 % Michler's ketone or base) / C.I.鹼性藍 26（≥ 0.1%米希勒酮或米希勒鹼）		2580-56-5
C.I. Basic Red 9 / C.I. 鹼性紅 9	C.I. 42 500	569-61-9
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base) / C.I.鹼性紫 3（≥ 0.1%米希勒酮或米希勒鹼）		548-62-9
C.I. Basic Violet 14 / C.I. 鹼性紫 14	C.I. 42 510	632-99-5
C.I. Direct Black 38 / C.I. 直接黑 38	C.I. 30 235	1937-37-7
C.I. Direct Blue 6 / C.I. 直接藍 6	C.I. 22 610	2602-46-2
C.I. Direct Blue 15 / C.I.直接藍 15		2429-74-5
C.I. Direct Brown 95 / C.I.直接棕 95		16071-86-6
C.I. Direct Red 28 / C.I. 直接紅 28	C.I. 22 120	573-58-0
C.I. Disperse Blue 1 / C.I. 分散藍 1	C.I. 64 500	2475-45-8
C.I. Disperse Orange 11 / C.I. 分散橙 11	C.I. 60 700	82-28-0
C.I. Disperse Yellow 3 / C.I. 分散黃 3	C.I. 11 855	2832-40-8
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow) / C.I. 溶劑黃 1（4-氨基偶氮苯/苯胺黃)	C.I. 11100	60-09-3
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol) / C.I.溶劑黃 3（鄰氨基偶氮甲苯/鄰氨基偶氮甲苯酚）		97-56-3
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red) / C.I. 顏料紅 104（鉬鉻酸鉛紅)	C.I. 77 605	12656-85-8
C.I. Pigment Yellow 34 (Lead sulfochromate yellow) / C.I. 顏料黃 34（鉻酸鉛黃)	C.I. 77 603	1344-37-2

Dyestuffs classified as allergenic / 致敏染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Disperse Blue 1 / C.I. 分散藍 1	C.I. 64 500	2475-45-8
C.I. Disperse Blue 3 / C.I. 分散藍 3	C.I. 61 505	2475-46-9
C.I. Disperse Blue 7 / C.I. 分散藍 7	C.I. 62 500	3179-90-6
C.I. Disperse Blue 26 / C.I. 分散藍 26	C.I. 63 305	
C.I. Disperse Blue 35 / C.I. 分散藍 35		12222-75-2
C.I. Disperse Blue 102 / C.I. 分散藍 102		12222-97-8
C.I. Disperse Blue 106 / C.I. 分散藍 106		12223-01-7
C.I. Disperse Blue 124 / C.I. 分散藍 124		61951-51-7
C.I. Disperse Brown 1 / C.I. 分散棕 1		23355-64-8
C.I. Disperse Orange 1 / C.I. 分散橙 1	C.I. 11 080	2581-69-3
C.I. Disperse Orange 3 / C.I. 分散橙 3	C.I. 11 005	730-40-5
C.I. Disperse Orange 37 (= 59 / = 76) / C.I. 分散橙 37(= 59 / =7 6)	C.I. 11 132	51811-42-8, 13301-61-6, 12223-33-5
C.I. Disperse Orange 59 / C.I. 分散橙 59	C.I. 11 132	
C.I. Disperse Orange 76 / C.I. 分散橙 76	C.I. 11 132	
C.I. Disperse Red 1 / C.I. 分散紅 1	C.I. 11 110	2872-52-8
C.I. Disperse Red 11 / C.I. 分散紅 11	C.I. 62 015	2872-48-2
C.I. Disperse Red 17 / C.I. 分散紅 17	C.I. 11 210	3179-89-3
C.I. Disperse Yellow 1 / C.I. 分散黃 1	C.I. 10 345	119-15-3
C.I. Disperse Yellow 3 / C.I. 分散黃 3	C.I. 11 855	2832-40-8
C.I. Disperse Yellow 9 / C.I. 分散黃 9	C.I. 10 375	6373-73-5
C.I. Disperse Yellow 39 / C.I. 分散黃 39		
C.I. Disperse Yellow 49 / C.I. 分散黃 49		

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 4 / 附錄 4 第 4 部分中的個別物質彙編

Other banned dyestuffs / 其他禁用染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Basic Green 4 (chloride) / C.I.鹼性綠 4（氯化物）		569-64-2
C.I. Basic Green 4 (free) / C.I.鹼性綠 4（游離）		10309-95-2
C.I. Basic Green 4 (oxalate) / C.I.鹼性綠 4（草酸鹽）		2437-29-8, 18015-76-4
C.I. Disperse Orange 149 / C.I. 分散橙 149		85136-74-9
C.I. Disperse Yellow 23 / C.I. 分散黃 23	C.I. 26 070	6250-23-3
Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4) / 海軍藍(Index-Nr.611-070-00-2；EG-Nr.405-665-4)		

Dyestuffs under observation / 受監測的染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Basic Yellow 2 (= C.I. Solvent Yellow 34) (hydrochloride & free base) / C.I. 鹼性黃 2（= C.I.溶劑黃 34）（鹽酸鹽和游離鹼）		2465-27-2, 492-80-8

Chlorinated benzenes and toluenes / 氯化苯及氯化甲苯

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Chlorobenzenes / 氯苯		Chlorobenzenes / 氯苯	
Chlorobenzene / 氯苯	108-90-7	Dichlorobenzenes / 二氯苯	25321-22-6
1,2-Dichlorobenzene / 1,2-二氯苯	95-50-1	1,3-Dichlorobenzene / 1,3-二氯苯	541-73-1
1,4-Dichlorobenzene / 1,4-二氯苯	106-46-7	Trichlorobenzenes / 三氯苯	12002-48-1
1,2,3-Trichlorobenzene / 1,2,3-三氯苯	87-61-6	1,2,4-Trichlorobenzene / 1,2,4-三氯苯	120-82-1
1,3,5-Trichlorobenzene / 1,3,5-三氯苯	108-70-3	Tetrachlorobenzenes / 四氯苯	12408-10-5
1,2,3,4-Tetrachlorobenzene / 1,2,3,4-四氯苯	634-66-2	1,2,3,5-Tetrachlorobenzene / 1,2,3,5-四氯苯	634-90-2
1,2,4,5-Tetrachlorobenzene / 1,2,4,5-四氯苯	95-94-3	1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene / 1,2,3,4 (或 1,2,4,,5)-四氯苯	84713-12-2
Pentachlorobenzene / 五氯苯	608-93-5	Hexachlorobenzene / 六氯苯	118-74-1
Chlorotoluenes / 氯甲苯		Chlorotoluenes / 氯甲苯	
2-Chlorotoluene / 2-氯甲苯	95-49-8	2,5-Dichlorotoluene / 2,5-二氯甲苯	19398-61-9
4-Chlorotoluene / 4-氯甲苯	106-43-4	3,4-Dichlorotoluene / 3,4-二氯甲苯	95-75-0
2,4-Dichlorotoluene / 2,4-二氯甲苯	95-73-8	2,3,4-Trichlorotoluene / 2,3,4-三氯甲苯	7359-72-0
2,6-Dichlorotoluene / 2,6-二氯甲苯	118-69-4	2,3,6-Trichlorotoluene / 2,3,6-三氯甲苯	2077-46-5
3,5-Dichlorotoluene / 3,5-二氯甲苯	25186-47-4	2,4,6-Trichlorotoluene / 2,4,6-三氯甲苯	23749-65-7
2,3,5-Trichlorotoluene / 2,3,5-三氯甲苯	56961-86-5	2,3,4,5-Tetrachlorotoluene / 2,3,4,5-四氯甲苯	1006-32-2, 76057-12-0
2,4,5-Trichlorotoluene / 2,4,5-三氯甲苯	6639-30-1	2,3,5,6-Tetrachlorotoluene / 2,3,5,6-四氯甲苯	1006-31-1, 29733-70-8
3,4,5-Trichlorotoluene / 3,4,5-三氯甲苯	21472-86-6	Benzyl chloride / 氯化苄	100-44-7
2,3,4,6-Tetrachlorotoluene / 2,3,4,6-四氯甲苯	875-40-1	Benzotrichloride / 三氯甲苯	98-07-7
2,3,4,5,6-Pentachlorotoluene / 2,3,4,5,6-五氯甲苯	877-11-2	4-Chlorobenzotrichloride / 4-氯三氯甲苯	5216-25-1
3-Chlorotoluene / 3-氯甲苯	108-41-8	α-substituted-Chlorotoluenes / α-取代氯甲苯	Various
2,3-Dichlorotoluene / 2,3-二氯甲苯	32768-54-0		

Polycyclic aromatic hydrocarbons (PAHs) / 多環芳烴

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Acenaphtene / 苊	83-32-9	Dibenzo[a,h]anthracene / 二苯並[a,h]蒽	53-70-3
Acenaphthylene / 苊烯	208-96-8	Dibenzo[a,e]pyrene / 二苯並[a,e]芘	192-65-4
Anthracene / 蒽	120-12-7	Dibenzo[a,h]pyrene / 二苯並[a,h]芘	189-64-0
Benzo[a]anthracene / 苯並[a]蒽	56-55-3	Dibenzo[a,i]pyrene / 二苯並[a,i]芘	189-55-9
Benzo[a]pyrene / 苯並[a]芘	50-32-8	Dibenzo[a,l]pyrene / 二苯並[a,l]芘	191-30-0
Benzo[b]fluoranthene / 苯並[b]熒蒽	205-99-2	Fluoranthene / 熒蒽	206-44-0
Benzo[e]pyrene / 苯並[e]芘	192-97-2	Fluorene / 芴	86-73-7
Benzo[ghi]perylene / 苯並[ghi] 苝(二萘嵌苯)	191-24-2	Indeno[1,2,3-cd]pyrene / 茚並[1,2,3-cd]芘	193-39-5
Benzo[j]fluoranthene / 苯並[j]熒蒽	205-82-3	1-Methylpyrene / 1-甲基芘	2381-21-7
Benzo[k]fluoranthene / 苯並[k]熒蒽	207-08-9	Naphthalene / 萘	91-20-3
Chrysene / 屈	218-01-9	Phenanthrene / 菲	85-01-8
Cyclopenta[c,d]pyrene / 環戊並[c,d]芘	27208-37-3	Pyrene / 芘	129-00-0

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 5 / 附錄 4 第 5 部分中的個別物質彙編

Forbidden flame retardant substances / 禁用阻燃物質

Name / 名稱	CAS-Nr.	Acronym
Polybromobiphenyls (Polybrominated biphenyls) / 多溴聯苯	59536-65-1	PBBs
Monobromobiphenyls / 一溴聯苯	various	MonoBB
Dibromobiphenyls / 二溴聯苯	various	DiBB
Tribromobiphenyls / 三溴聯苯	various	TriBB
Tetrabromobiphenyls / 四溴聯苯	various	TetraBB
Pentabromobiphenyls / 五溴聯苯	various	PentaBB
Hexabromobiphenyls / 六溴聯苯	various	HexaBB
Heptabromobiphenyls / 七溴聯苯	various	HeptaBB
Octabromobiphenyls / 八溴聯苯	various	OctaBB
Nonabromobiphenyls / 九溴聯苯	various	NonaBB
Decabromobiphenyl / 十溴聯苯	13654-09-6	DecaBB
Polybrominated diphenyl ethers / 多溴聯苯醚	various	PBDEs
Monobromodiphenylethers / 一溴聯苯醚	various	MonoBDEs
Dibromodiphenylethers / 二溴聯苯醚	various	DiBDEs
Tribromodiphenylethers / 三溴聯苯醚	various	TriBDEs
Tetrabromodiphenylethers / 四溴聯苯醚	various, 40088-47-9	TetraBDEs
Pentabromodiphenylethers / 五溴聯苯醚	various, 32534-81-9	PentaBDEs
Hexabromodiphenylethers / 六溴聯苯醚	various, 36483-60-0	HexaBDEs
Heptabromodiphenylethers / 七溴聯苯醚	various, 68928-80-3	HeptaBDEs
Octabromodiphenylethers / 八溴聯苯醚	various, 32536-52-0	OctaBDEs
Nonabromodiphenylethers / 九溴聯苯醚	various, 63936-56-1	NonaBDEs
Decabromodiphenylether / 十溴聯苯醚	1163-19-5	DecaBDE
Tri(2,3-dibromopropyl)phosphate / 三(2,3-二溴丙基)磷酸酯	126-72-7	TRIS
Tris(2-chloroethyl)phosphate / 磷酸三（2-氯乙基）酯	115-96-8	TCEP
Hexabromocyclododecane and all main diastereomeres identified (alpha-, beta-, gamma-) / 六溴環十二烷及其所有已鑑定的主要非對映異構體（α-,β-,γ-）	various, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4	HBCDD
Tetrabromobisphenol A / 四溴雙酚 A	79-94-7	TBBPA
Bis(2,3-dibromopropyl)phosphate / 二-(2,3-二溴丙基)磷酸酯	5412-25-9	BIS
2,2-Bis(bromomethyl)-1,3-propanediol / 2,2-雙(溴甲基)-1,3-丙二醇	3296-90-0	BBMP
Tris(1,3-dichloro-iso-propyl)phosphate / 三-(1,3-二氯-2-丙基)磷酸酯	13674-87-8	TDCPP
Tris(aziridinyl)phosphinoxide / 三(吖丙啶基)氧化膦	545-55-1	TEPA
Boric acid / 硼酸	10043-35-3, 11113-50-1	
Zinc borate salts / 硼酸鋅鹽	1332-07-6, 12767-90-7	
Diboron trioxide / 三氧化二硼	1303-86-2	
Disodium tetraborate, anhydrous / 無水四硼酸鈉	1303-96-4, 1330-43-4, 12179-04-3	
Disodium octaborate / 八硼酸鈉	12008-41-2	
Tetraboron disodium heptaoxide, hydrate / 七水合四硼酸鈉	12267-73-1	
Short chain chlorinated paraffins (C10 - C13) / 短鏈氯化石蠟(C10-C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17) / 中鏈氯化石蠟(C14-C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP
Trixylylphosphate / 磷酸三(二甲苯)酯	25155-23-1	TXP

Solvent residues / 溶劑殘留

Name / 名稱	CAS-Nr.	Acronym
1-Methyl-2-pyrrolidone / N-甲基吡咯烷酮	872-50-4	NMP
N,N-Dimethylacetamide / N,N-二甲基乙酰胺	127-19-5	DMAc
N,N-Dimethylformamide / N,N-二甲基甲酰胺	68-12-2	DMF
Formamide / 甲酰胺	75-12-7	

Surfactant, wetting agent residues, alkyl phenols / 殘餘表面活性劑, 潤濕劑

Name / 名稱	CAS-Nr.	Acronym
4-tert-butylphenol / 4-叔丁基苯酚	98-54-4	BP
Nonylphenol / 壬基苯酚	various	NP
Octylphenol / 辛基苯酚	various	OP
Heptylphenol / 庚基苯酚	various	HpP
Pentylphenol / 戊基苯酚	various	PeP
Nonylphenolethoxylates / 壬基酚聚氧乙烯醚	various	NP(EO)
Octylphenolethoxylates / 辛基酚聚氧乙烯醚	various	OP(EO)

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 6 / 附錄 4 第 6 部分中的個別物質彙編

Other chemical residues / 其他殘餘化學物

Name / 名稱	CAS-Nr.	Acronym
Aniline / 苯胺	62-53-3	
Benzene / 苯	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol) / 雙酚 A（4,4'-亞異丙基二苯酚）	80-05-7	BPA
Diazene-1,2-dicarboxamide / 偶氮二甲酰胺	123-77-3	ADCA
Dimethylfumarate / 富馬酸二甲酯	624-49-7	DMFu
Phenol / 苯酚	108-95-2	
o-Phenylphenol / 鄰苯基苯酚	90-43-7	OPP
Quinoline (Chinoline / Benzo[b]pyridine) / 喹啉（膽鹼/苯並[b]吡啶）	91-22-5	
Glutaraldehyde / 戊二醛	111-30-8	
Tris(2-chloroethyl)phosphate / 磷酸三(2-氯乙基)酯	115-96-8	TCEP
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear / 亞磷酸三（4-壬基苯基，支鍊與直鏈）酯，含有≥0.1% w/w 的 4-正壬基酚(支鍊與直鏈)	various	TNPP

Chemical residues under observation / 受監測的化學殘留物

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
1,2-Diethoxyethane / 1-2-二乙氧基乙烷	629-14-1	2-Methoxypropanol / 2-甲氧基丙醇	1589-47-5
2-Methoxyethylacetate / 2-甲氧基乙酸乙酯	110-49-6		

UV stabilizers / 紫外線穩定劑

Name / 名稱	CAS-Nr.	Acronym
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol / 2-苯並三唑-2-基-4,6-二叔丁基苯酚	3846-71-7	UV 320
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol / 2,4-二叔丁基-6-（5-氯苯並三唑-2-基)苯酚	3864-99-1	UV 327
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol / 2-(2H-苯並三唑-2-基)-4,6-二叔戊基苯酚	25973-55-1	UV 328
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol / 2-(2H-苯並三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚	36437-37-3	UV 350

Chlorinated paraffins / 氯化石蠟

Name / 名稱	CAS-Nr.	Acronym
Short chain chlorinated paraffins (C10 - C13) / 短鏈氯化石蠟(C10-C13)	85535-84-8	SCCP
Medium chain chlorinated paraffins (C14 - C17) / 中鏈氯化石蠟(C14-C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP

Siloxanes / 矽氧烷

Name / 名稱	CAS-Nr.	Acronym
Octamethylcyclotetrasiloxane / 八甲基環四矽氧烷	556-67-2	D4
Decamethylcyclopentasiloxane / 十甲基環五矽氧烷	541-02-6	D5
Dodecamethylcyclohexasiloxane / 十二甲基環六矽氧烷	540-97-6	D6

N-Nitrosamines; N-nitrosatable substances / 亞硝胺；亞硝基物質

Name / 名稱	CAS-Nr.	Acronym
N-Nitrosodibenzylamine / N-硝基聯苄基胺	5336-53-8	NDBzA
N-Nitrosodibutylamine / N-亞硝基二丁胺	924-16-3	NDBA
N-Nitrosodiethanolamine / N-二乙醇亞硝胺	1116-54-7	NDELA
N-Nitrosodiethylamine / N-二乙基亞硝胺	55-18-5	NDEA
N-Nitrosodiisobutylamine / N-亞硝基二異丁胺	997-95-5	NDiBA
N-Nitrosodiisononylamine / N-亞硝基二異壬胺	1207995-62-7	NDiNA
N-Nitrosodiisopropylamine / N-亞硝基二異丙胺	601-77-4	NDiPA
N-Nitrosodimethylamine / N-亞硝基二甲胺	62-75-9	NDMA
N-Nitrosodipropylamine / N-亞硝基二丙胺	621-64-7	NDPA
N-Nitrosomethylethylamine / N-亞硝基甲基乙胺	10595-95-6	NMEA
N-Nitrosomorpholine / N-亞硝基嗎啉	59-89-2	NMOR
N-Nitroso-N-ethyl-N-phenylamine / N-亞硝基-N-乙基苯胺	612-64-6	NEPhA
N-Nitroso-N-methyl-N-phenylamine / N-亞硝基-N-甲基苯胺	614-00-6	NMPhA
N-Nitroso-piperidine / N-亞硝基哌啶	100-75-4	NPIP
N-Nitroso-pyrrolidine / N-亞硝基吡咯烷	930-55-2	NPYR

Annex 5 / 附錄 5

Compilation of the individual substances for Annex 4, part 7 / 附錄 4 第 7 部分中的個別物質彙編

PFCs, Per- and polyfluorinated compounds / PFCs,全氟及多氟化合物

Name / 名稱	CAS-Nr.	Acronym
Perfluorooctane sulfonic acid and sulfonates / 全氟辛烷磺酸和磺酸鹽	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide / 全氟辛烷磺酰胺	754-91-6	PFOSA
Perfluorooctane sulfonfluoride / 全氟辛烷磺酰氟	307-35-7	PFOSF / POSF
N-Methyl perfluorooctane sulfonamide / N-甲基全氟辛烷磺酰胺	31506-32-8	N-Me-FOSA
N-Ethyl perfluorooctane sulfonamide / N-乙基全氟辛烷磺酰胺	4151-50-2	N-Et-FOSA
N-Methyl perfluorooctane sulfonamide ethanol / N-甲基全氟辛烷磺酰胺乙醇	24448-09-7	N-Me-FOSE
N-Ethyl perfluorooctane sulfonamide ethanol / N-乙基全氟辛烷磺酰胺乙醇	1691-99-2	N-Et-FOSE
Perfluoroheptanoic acid and salts / 全氟庚酸及其鹽	375-85-9, et. al.	PFHpA
Perfluorooctanoic acid and salts / 全氟辛酸及其鹽	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts / 全氟壬酸及其鹽	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts / 全氟癸酸及其鹽	335-76-2, et. al.	PFDA
Henicosafluoroundecanoic acid and salts / 全氟十一烷酸及其鹽	2058-94-8, et. al.	PFUdA
Tricosafluorododecanoic acid and salts / 全氟十二烷酸及其鹽	307-55-1, et. al.	PFDoA
Pentacosafluorotridecanoic acid and salts / 全氟十三烷酸及其鹽	72629-94-8, et. al.	PFTrDA
Heptacosafluorotetradecanoic acid and salts / 全氟十四烷酸及其鹽	376-06-7, et. al.	PFTeDA
Others / 其他		
Further Perfluorinated carboxylic acids / 更多全氟羧酸		
Perfluorobutanoic acid and salts / 全氟丁酸及其鹽	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts / 全氟戊酸及其鹽	2706-90-3, et. al.	PFPeA
Perfluorohexanoic acid and salts / 全氟己酸及其鹽	307-24-4, et. al.	PFHxA
Perfluoro(3,7-dimethyloctanoic acid) and salts / 全氟-3,7-二甲基辛酸及其鹽	172155-07-6, et. al.	PF-3,7-DMOA
Perfluorinated carboxylic and sulfonic acids under observation / 受監測的全氟羧酸和磺酸		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid , its salts and its acyl halides / 2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其鹽和酰鹵化物	various	
Perfluorinated sulfonic acids / 全氟辛烷磺酸		
Perfluorobutane sulfonic acid and salts / 全氟丁烷磺酸及其鹽	375-73-5, 59933-66-3, et. al.	PFBS
Perfluorohexane sulfonic acid and salts / 全氟己烷磺酸及其鹽	355-46-4, et. al.	PFHxS
Perfluoroheptane sulfonic acid and salts / 全氟庚烷磺酸及其鹽	375-92-8, et. al.	PFHpS
Henicosafluorodecane sulfonic acid and salts / 二十一氟癸烷磺酸及其鹽	335-77-3, et. al.	PFDS
Partially fluorinated carboxylic / sulfonic acids / 部分氟化羧酸/磺酸		
7H-Perfluoro heptanoic acid and salts / 7H-全氟庚酸及其鹽	1546-95-8, et. al.	7HPFHpA
2H,2H,3H,3H-Perfluoroundecanoic acid and salts / 2H,2H,3H,3H-全氟十一烷酸及其鹽	34598-33-9, et. al.	4HPFUnA
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts / 1H,1H,2H,2H-全氟辛烷磺酸及其鹽	27619-97-2, et. al.	1H,1H,2H,2H-PFOS
Partially fluorinated linear alcohols / 部分氟化線性醇		
1H,1H,2H,2H-Perfluoro-1-hexanol / 1H，1H，2H，2H-全氟-1-己醇	2043-47-2	4:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol / 1H，1H，2H，2H-全氟-1-辛醇	647-42-7	6:2 FTOH
1H,1H,2H,2H-Perfluoro-1-decanol / 1H，1H，2H，2H-全氟-1-癸醇	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-dodecanol / 1H，1H，2H，2H-全氟-1-十二烷醇	865-86-1	10:2 FTOH
Esters of fluorinated alcohols with acrylic acid / 氟化醇與丙烯酸的酯		
1H,1H,2H,2H-Perfluorooctyl acrylate / 1H，1H，2H，2H-全氟辛基丙烯酸酯	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorodecyl acrylate / 1H，1H，2H，2H-全氟癸基丙烯酸酯	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate / 1H，1H，2H，2H-全氟十二烷基丙烯酸酯	17741-60-5	10:2 FTA
PFOA related Substances / PFOA 相关物质		
1H,1H,2H,2H-Perfluordecyl acrylate / 1H，1H，2H，2H-全氟十二烷基丙烯酸酯	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluoro-1-decanol / 1H，1H，2H，2H-全氟-1-癸醇	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts / 1H,1H,2H,2H-全氟辛烷磺酸及其鹽	39108-34-4, et. al.	8:2 FTS

Heavy Metals / 重金屬

Name / 名稱	CAS-Nr.	Name / 名稱	CAS-Nr.
Sb (Antimony / 銻)	7440-36-0, et. al.	Cu (Copper / 銅)	7440-50-8, et. al.
As (Arsenic / 砷)	7440-38-2, et. al.	Ni (Nickel / 鎳)	7440-02-0, et. al.
Pb (Lead / 鉛)	7439-92-1, et. al.	Hg (Mercury / 汞)	7439-97-6, et. al.
Cd (Cadmium / 鎘)	7440-43-9, et. al.	Ba (Barium / 鋇)	7440-39-3, et. al.
Cr (Chromium / 鉻)	7440-47-3, et. al.	Se (Selenium / 硒)	7782-49-2, et. al.
Co (Cobalt / 鈷)	7440-48-4, et. al.		