

4 Annex

For a compilation of individual substances and CAS numbers, please see Annex 5 of this standard document.

Limit values table

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

Limit values and fastness

The testing procedures are described in a separate document

付属書

個々の物質と CAS 番号一覧は、この規格書の付属書 5 を参照してください。

規制値表

試験機関で測定された値 (mg/kg、µg/kg、w-% で測定される) が、指定された規制値以下であることが認証書の取得に必要です。

規制値および染色堅牢度

試験手順は別資料に記載

Product Class / 製品クラス	I Baby / 乳幼児	II in direct contact with skin / 肌接触大	III with no direct contact with skin / 肌接触小	IV Decoration material / 装飾用素材
pH value / pH 値¹	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde / ホルムアルデヒド [mg/kg]				
Free and partially releasable / 遊離し、部分的に溶出可能	n.d. ²	75	150	300
Extractable (heavy) metals / 溶出重金属 [mg/kg]				
As (Arsenic)	0.2	1.0	1.0	1.0
Ba (Barium)	1000	1000	1000	1000
Cd (Cadmium)	0.1	0.1	0.1	0.1
Co (Cobalt)	1.0	4.0	4.0	4.0
Cr (VI) (Chromium (VI) / Cr(VI))	0.5	0.5	0.5	0.5
Cr (Chromium)	1.0	2.0	2.0	2.0
Cu (Copper)	25.0 ³	50.0 ³	50.0 ³	50.0 ³
Hg (Mercury)	0.02	0.02	0.02	0.02
Ni (Nickel) ⁴	1.0 ⁵	4.0 ⁶	4.0 ⁶	4.0 ⁶
Pb (Lead)	0.2	1.0 ⁷	1.0 ⁷	1.0 ⁷
Sb (Antimony)	30.0	30.0	30.0	
Se (Selenium)	100	100	100	100
Heavy metals total content / 重金属全含有量 [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40.0	40.0 ⁷	40.0 ⁷	40.0 ⁷
Hg (Mercury)	0.5	0.5	0.5	0.5
Pb (Lead)	90.0	90.0 ⁷	90.0 ⁷	90.0 ⁷
Pesticides / 残留農薬 [mg/kg]⁸				
Sum / 合計	0.5	1.0	1.0	1.0
Glyphosate and salts for conventional cotton / グリホサートと塩 (従来綿用)	5	5	5	5
Glyphosate and salts for organic cotton / グリホサートとその塩 (オーガニック綿)	0.5	1.0	1.0	1.0
Pesticides under observation / 監視対象 残留農薬		u.o. / 監視対象		

¹ Exceptions for products which must be treated wet during the further processing: 4.0 - 10.5; for foams: 4.0 - 9.0; for wet wipes: 3.5 to 7.5; for taffeta labels: 4.0 - 9.0; for film material (e.g. polyolefin films) with incorporated Calciumcarbonate/carbonate or talc and wallpaper, without direct skin contact: 4.0-10.0, / 例外 後工程で湿式処理される製品: 4.0 - 10.5、発泡材: 4.0 - 9.0、ウェットティッシュ: 3.5 ~ 7.5、タフタ製ラベル: 4.0 ~ 9.0、炭酸カルシウムやタルクを含むフィルム素材 (例: ポリオレフィンフィルム) や壁紙 (直接肌に触れない物): 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 / n.d. は、日本の法律 112 の吸光度試験で 0.05 未満 (16 mg/kg) に相当

³ No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products / 無機物から作られた付属品や原糸には必要条件ではなく、生物活性製品に関する必要条件

⁴ Including the requirement by REACH-Regulation Annex XVII, Entry 27 / REACH 規則の付属書 XVII、27 項の要求事項を含む

⁵ For metallic accessories and metallized surfaces: 0.5 mg/kg / 金属製か金属表面の付属品: 0.5 mg/kg

⁶ For metallic accessories and metallized surfaces: 1.0 mg/kg / 金属製素材や金属表面素材: 1.0 mg/kg

⁷ For accessories made from glass: 0.1% (1000 mg/kg) / ガラス製付属品: 0.1% (1000 mg/kg)



⁸ For natural fibres only / 天然繊維のみ



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Limit values and fastness

規制値および染色堅牢度

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試験手順は別資料に記載

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Chlorinated phenols / 塩素化フェノール [mg/kg]				
Pentachlorophenol (PCP)	0.05	0.5	0.5	0.5
Tetrachlorophenols (TeCP), Sum / 合計	0.05	0.5	0.5	0.5
Trichlorophenols (TrCP), Sum / 合計	0.2	2.0	2.0	2.0
Dichlorophenols (DCP), Sum / 合計	0.5	3.0	3.0	3.0
Monochlorophenols (MCP), Sum / 合計	0.5	3.0	3.0	3.0
Plasticizer/Phthalates / 可塑剤/フタレート [mg/kg] ⁹				
Sum / 合計	500	500	500	
Sum without DINP / DINP 以外の合計				1000
Organic tin compounds / 有機スズ化合物 [mg/kg]				
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 / その他の残留化学物質 [mg/kg]				
Aniline ¹⁰	20	50	50	50
Azodicarbonamide	1000	1000	1000	1000
Benzene	5.0	5.0	5.0	5.0
Bisphenol A	100	100	100	100
Bisphenol B	1000	1000	1000	1000
Bisphenol S	1000	1000	1000	1000
Bis(4-chlorophenyl) sulphone	1000	1000	1000	1000
Chemical residues under observation / 監視対象 残留化学物質	u.o. / 監視対象			
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	1000	1000	1000	1000
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	1000	1000	1000	1000
DMFu	0.1	0.1	0.1	0.1
Free and cleavable carcinogenic arylamines except aniline / 遊離/開裂後の発ガン性芳香族アミン (アニリンは除く) ^{11 10}	20	20	20	20
Free and cleavable carcinogenic arylamines under observation / 監視対象 遊離/開裂可能な発ガン性芳香族アミン	u.o. / 監視対象			
Melamine ¹²	1000	1000	1000	1000
2-Mercaptobenzothiazole / 2-Mercaptobenzothiazol	1000	1000	1000	1000
N-(hydroxymethyl)acrylamide	1000	1000	1000	1000
OPP	10	25	25	25
Phenol	20	50	50	50
Quinoline	50	50	50	50
TCEP	10	10	10	10
Tris(2-methoxyethoxy)vinylsilane	1000	1000	1000	1000
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear / トリス (4-ノニルフェノール、分枝と直鎖) 亜リン酸塩 (TNPP) で、4-ノニルフェノールの 0.1% w/w 以上の場合	1000	1000	1000	1000
Colourants / 色材 [mg/kg]				
Allergens / アレルゲン	50	50	50	50
Aniline ¹⁰	20	50	50	50
Carcinogens / 発ガン性物質	50	50	50	50
Free and cleavable carcinogenic arylamines except aniline / 遊離/開裂可能な発ガン性芳香族アミン (アニリンを除く) ¹⁰	20	20	20	20
Free and cleavable carcinogenic arylamines under observation / 監視対象 遊離/開裂可能な発ガン性芳香族アミン ¹⁰	u.o. / 監視対象			
Michler's Ketone / Base / ミヒラーズケトン/ベース each / 各	1000	1000	1000	1000
Navy Blue	not used / 使用しない			
Others / その他	50	50	50	50

⁹ For coated articles, plastisol prints, flexible foams, and accessories made from plastics / コーティングされた商品、プラスチックソルプリント、柔らかい発泡材と樹脂製の付属品に適用



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- 10 May also be present as residues / 残留物として存在するかもしれない
- 11 For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines / ポリウレタンや、遊離発ガン性芳香族アミンを含む全素材
- 12 There is a transition period for foams until the 01.01.2025. If the foam contains more than 1000 mg/kg melamine, this must be stated on the certificate. / 発泡材については、2025年1月1日までの移行期間が設けられています。もし発泡材がメラニンが1000mg/kg以上含む場合、認証書にその旨を記載する必要があります。



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Chlorinated benzenes and toluenes / 塩素化ベンゼン/トルエン [mg/kg]				
Sum / 合計	1.0	1.0	1.0	1.0
Polycyclic aromatic hydrocarbons (PAH) / 多環芳香族炭化水素 (PAH) [mg/kg] ¹³				
Benzo[a]anthracene	0.5	1.0	1.0	1.0
Benzo[a]pyrene	0.5	1.0	1.0	1.0
Benzo[b]fluoranthene	0.5	1.0	1.0	1.0
Benzo[e]pyrene	0.5	1.0	1.0	1.0
Benzo[j]fluoranthene	0.5	1.0	1.0	1.0
Benzo[k]fluoranthene	0.5	1.0	1.0	1.0
Chrysene	0.5	1.0	1.0	1.0
Dibenzo[a,h]anthracene	0.5	1.0	1.0	1.0
Sum / 合計	5.0	10.0	10.0	10.0
Biological active products / 生物活性製品				
	no intentional use / 意図的使用禁止 ¹⁴			
Flame retardant products / 難燃製品				
General / 全般	no intentional use / 意図的使用禁止 10 mg/kg; each / 各 ^{14 15} Sum of all / 全合計 50 mg/kg			
Solvent residues / 残留有機溶剤 [mg/kg] ¹⁶				
1,4-dioxane	10	10	10	10
DMAc ¹⁷	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸
DMF ¹⁷	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸
Formamide	200	200	200	200
NMP ¹⁷	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸	500 1000 ¹⁸
Surfactant, wetting agent residues, alkyl phenols / 残留界面活性剤、湿潤剤、アルキルフェノール類 [mg/kg]				
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); (Sum / 合計)	100.0	100.0	100.0	100.0
BP, NP, OP, HpP, PeP (Sum / 合計)	10.0	10.0	10.0	10.0

¹³ For all synthetic fibres, yarns, or threads and for plastic materials / 全ての合成繊維の原糸や縫い糸と樹脂素材

¹⁴ With exception of treatments accepted by OEKO-TEX® (see actual list on www.oeko-tex.com) / エコテックス®認可の処理加工は例外 (リスト参照 www.oeko-tex.com)

¹⁵ Accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 5 as active agent / 認可難燃製品には活性剤として、付属書 5 記載の禁止難燃物質を含まないこと

¹⁶ For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production / 生産過程で有機溶剤を使用している、発泡材 (EVA, PVC) や繊維/原糸/布、コーティングされた商品 (例えば、人工皮革)

¹⁷ 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% / 工業的に後工程が必ずある製品は例外 (湿/乾工程での熱処理が望ましいが、他の処理でも可): 最大 3.0%

¹⁸ For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles. / アクリル (PAN) や弾性繊維 (EL) / ポリウレタン、ポリイミド、アラミド製の素材、およびコーティング (PU, PVC, PVC プラスチゾル等) された布帛



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PFAS, Per- and polyfluoroalkylsubstances / ペル/ポリ フルオロアルキル化合物				
PFAS	no intentional use / 意図の使用禁止			
PFOA and salts / PFOA と塩 Sum / 合計 [µg/kg]	25	25	25	25
PFOA related Substances / PFOA 関連物質 Sum / 合計 [µg/kg] ¹⁹	250	250	250	250
C9-C14 PFCA and further PFCAs / 炭素数 C9-C14 の PFCA と更なる PFCA Sum / 合計 [µg/kg]	25	25	25	25
C9-C14 PFCAs related substances / 炭素数 C9-C14 の PFCA 関連物質 Sum / 合計 [µg/kg]	260	260	260	260
PFOS and related / PFOS と関連物質 sum / 合計 [µg/m ²]	1	1	1	1
Perfluorinated sulfonic acids / 全フッ化スルホン酸 sum / 合計 [µg/kg]	50	250	250	250
PFHxS and salts / PFHxS と塩 Sum / 合計 [µg/kg]	25	25	25	25
Esters of fluorinated alcohols with acrylic acid / フッ化アルコールアクリル酸エステル sum / 合計 [µg/kg]	250	250	250	250
Partially fluorinated carboxylic / sulfonic acids / 部分フッ化カルボン酸/スルホン酸 sum / 合計 [µg/kg]	50	250	250	250
Partially fluorinated carboxylic / sulfonic acids under observation / 監視対象 部分フッ化カルボン酸/スルホン酸	u.o. / 監視対象			
Partially fluorinated linear alcohols / 部分フッ化直鎖アルコール sum / 合計 [µg/kg]	250	250	250	250
Fluorine content / フッ素含有量 [mg/kg]				
Total fluorine (TF) / 全フッ素 (TF)	100	100	100	100
UV stabilizers / 紫外線吸収剤 [mg/kg]				
UV 320, UV 326, UV 327, UV 328, UV 329, UV 350; each / 各	1000	1000	1000	1000
Chlorinated paraffins / 塩素化パラフィン [mg/kg]				
SCCP, MCCP / SCCP, MCCP Sum / 合計	50	50	50	50
Siloxanes / シロキサン [mg/kg]				
D4, D5, D6; each / 各	1000	1000	1000	1000
N-Nitrosamines; each / 各 [mg/kg]				
N-nitrosatable substances; Sum / 合計 [mg/kg]	0.5	0.5	0.5	0.5
Chlorinated solvents / 塩素系溶剤 [mg/kg] ^{20*}				
1,1,1,2-Tetrachloroethane	1.0	1.0	1.0	1.0
1,1,1-Trichloroethane	1.0	1.0	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	1.0	1.0	1.0
1,1,2-Trichloroethane	1.0	1.0	1.0	1.0
1,1-Dichloroethane	1.0	1.0	1.0	1.0
1,1-Dichloroethylene	1.0	1.0	1.0	1.0
1,2-Dichloroethane	1.0	1.0	1.0	1.0
1,2-Dichloroethylene	1.0	1.0	1.0	1.0
Dichloromethane	1.0	1.0	1.0	1.0
Pentachloroethane	1.0	1.0	1.0	1.0
Tetra(per)chloroethylene	1.0	1.0	1.0	1.0
Tetrachloromethane	1.0	1.0	1.0	1.0
Trichloroethylene	1.0	1.0	1.0	1.0
Trichloromethane (Chloroform)	1.0	1.0	1.0	1.0
Chlorinated solvents / 塩素系溶剤 Sum / 合計	5.0	5.0	5.0	5.0

¹⁹ 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. / その他の物質として、化学構造式 (C7F15) の全フッ化直鎖/側鎖ヘプチル派生物 (塩やポリマー含む) を持ち、PFOA へ減成する物質。例外は、化学構造式 C8F17-X を持つ派生物 (X は F, Cl, Br) と CF3 [CF2]n-R' からなる全フッ化ポリマーで、R' は炭素数 8 以上の全フッ化カーボンを持つ全フッ化アルキルカルボン酸 (塩、エステル、ハロゲン、無水物を含む)。更なる例外として、炭素数 9 以上のカルボンを含む全フッ化アルカンスルホン酸と全フッ化リン酸 (塩、エステル、ハロゲン、無水物を含む)、全フッ化オクタンスルホン酸とその派生物 (PFOS) で、VO(EU)2019/1021 規則の付属書パート A に記載あり。

²⁰ 2024 is transition period / 2024 年は移行期間





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Other VOCs and glycols / その他の VOC とグリコール類 [mg/kg] 20 21*				
1-Methyl-2-pyrrolidone (NMP)	refer to solvent residues / 残留有機溶剤を参照			
1,2-Diethoxyethane	10.0	10.0	10.0	10.0
1,2,3-Trichloropropane	10.0	10.0	10.0	10.0
1,4-dioxane	10.0	10.0	10.0	10.0
2-Ethoxyethanol	10.0	10.0	10.0	10.0
2-Ethoxyethylacetate	10.0	10.0	10.0	10.0
2-Methoxy-1-propanol	10.0	10.0	10.0	10.0
2-Methoxyethanol	10.0	10.0	10.0	10.0
2-Methoxyethylacetate	10.0	10.0	10.0	10.0
2-Methoxypropylacetate	10.0	10.0	10.0	10.0
2-Phenyl-2-propanole	10.0	10.0	10.0	10.0
Acetophenone	10.0	10.0	10.0	10.0
Benzene	1.0	1.0	1.0	1.0
Bis(2-methoxyethyl)ether	10.0	10.0	10.0	10.0
Cyclohexanone	10.0	10.0	10.0	10.0
Ethylbenzene	10.0	10.0	10.0	10.0
Ethylene glycol dimethyl ether	10.0	10.0	10.0	10.0
Methylethylketone	10.0	10.0	10.0	10.0
Naphthalene	2.0	2.0	2.0	2.0
N,N-Dimethylacetamide (DMAc)	refer to solvent residues / 残留有機溶剤を参照			
N,N-Dimethylformamide (DMF)	refer to solvent residues / 残留有機溶剤を参照			
Styrene	10.0	10.0	10.0	10.0
Toluene	10.0	10.0	10.0	10.0
Triethylene glycol dimethyl ether	10.0	10.0	10.0	10.0
Xylene	10.0	10.0	10.0	10.0
Cresols / クレゾール [mg/kg] 20				
o-Cresol	10.0	10.0	10.0	10.0
m-Cresol	10.0	10.0	10.0	10.0
p-Cresol	10.0	10.0	10.0	10.0
Colour fastness (staining) / 堅牢度 (汚染)				
To water / 耐水	3 - 4	3	3	3
To acidic perspiration / 耐酸性汗	3 - 4	3 - 4	3 - 4	3 - 4
To alkaline perspiration / 耐アルカリ汗	3 - 4	3 - 4	3 - 4	3 - 4
To rubbing, dry / 耐摩擦 (乾) 22 23	4	4	4	4
To saliva and perspiration / 耐唾液と汗	fast / 堅牢			
Emission of volatiles / 揮発性物質の放出 [mg/m3] 24				
Formaldehyde / ホルムアルデヒド	0.1	0.1	0.1	0.1
Toluene	0.1	0.1	0.1	0.1
Styrene	0.005	0.005	0.005	0.005
4-Vinylcyclohexene	0.002	0.002	0.002	0.002
4-Phenylcyclohexene	0.03	0.03	0.03	0.03
Butadiene	0.002	0.002	0.002	0.002
Vinylchloride	0.002	0.002	0.002	0.002
Aromatic hydrocarbons / 芳香族炭化水素	0.3	0.3	0.3	0.3
Organic volatiles / 揮発性有機化合物	0.5	0.5	0.5	0.5
Organic cotton fibres and materials / オーガニック綿の繊維と原料 25				
GMO Genetically modified organisms / GMO 遺伝子組換え生物	No intentional use / 意図的使用禁止			
GMO quantitative analysis / 遺伝子組換え作物の定量分析 [%] 26	5	5	5	5
Determination of odours				
General / 全般	no abnormal odour / 異常な臭いがないこと 27			
SNV 195 651 (Modified / 組換え) 24	3	3	3	3



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Product Class / 製品クラス	I Baby / 乳幼児	II in direct contact with skin / 肌接触大	III with no direct contact with skin / 肌接触小	IV Decoration material / 装飾用素材
Banned fibres / 禁止繊維				
Asbestos	No intentional use / 意図的使用禁止			
synthetic polymer microplastics in decorative articles / 装飾用商品での合成樹脂マイクロプラスチック ²⁸	No intentional use / 意図的使用禁止			

²⁰ 2024 is transition period / 2024 年は移行期間

²¹ These limits do not apply for non-textile accessories / small parts (e.g. synthetic buttons, lacquered, painted or coated metallic components, etc.) / これらの制限は、非テキスタイルのアクセサリ / 小さな部品 (合成ボタン、ラッカー塗装、塗装された金属製部品など) には適用されません。

²² No requirements for 'wash-out' - articles / 「洗い加工」には必要条件ではない

²³ For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable / 顔料やバット/硫化染料では、摩擦堅牢度(乾)最低3級も容認

²⁴ For textile carpets, mattresses as well as foams and large coated articles not being used for clothing / 繊維製カーペット、マットレスや発泡材とコーティングされた大きな商品 (衣料品は除く)

²⁵ Refer also to item 5.5. of this standard / 本規格 5.5 項も参照下さい

²⁶ In a first step, the qualitative method is performed. If GMO is detected, the quantitative method can be carried out (on raw cotton only). / 最初に定性試験を実施。もし GMO (遺伝子組換え生物) 検出なら、定量試験を実施 (未加工綿のみ)

²⁷ No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume / カビ、石油高沸点留分、魚臭、芳香族炭化水素や香水の臭いがないこと

²⁸ as defined by (EC) 1907/2006 Annex XVII Nr.78 / (EC) 1907/2006 Annex XVII Nr.78 での定義に従い



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5 Annex

付属書

Compilation of the individual substances for Annex 4 付属書 4 適用 個別物質リスト

Pesticides / 残留農薬

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
2,4,5-T	93-76-5	Endrin / Endrine	72-20-8
2,4-D	94-75-7	Esfenvalerate	66230-04-4
Acetamiprid	135410-20-7, 160430-64-8	Fenvalerate	51630-58-1
Aldicarb	116-06-3	Heptachlor	76-44-8
Aldrin / Aldrine	309-00-2	Heptachloroepoxide	1024-57-3, 28044-83-9
Azinophosethyl	2642-71-9	Hexachlorobenzene	118-74-1
Azinophosmethyl	86-50-0	Hexachlorocyclohexane, α -	319-84-6
Bromophos-ethyl	4824-78-6	Hexachlorocyclohexane, β -	319-85-7
Captafol	2425-06-1	Hexachlorocyclohexane, δ -	319-86-8
Carbaryl	63-25-2	Imidacloprid	105827-78-9, 138261-41-3
Carbendazim	10605-21-7	Isodrin / Isodrine	465-73-6
Chlorbenzilate	510-15-6	Kelevan / Kelevane	4234-79-1
Chlordane	57-74-9	Kepone	143-50-0
Chlordimeform	6164-98-3	Lindane	58-89-9
Chlorfenvinphos	470-90-6	Malathion	121-75-5
Chlorothalonil	1897-45-6	MCPA	94-74-6
Clothianidin	210880-92-5	MCPB	94-81-5
Coumaphos	56-72-4	Mecoprop	93-65-2
Cyfluthrin	68359-37-5	Metamidophos	10265-92-6
Cyhalothrin	91465-08-6	Methoxychlor	72-43-5
Cypermethrin	52315-07-8	Mirex	2385-85-5
DEF	78-48-8	Monocrotophos	6923-22-4
Deltamethrin	52918-63-5	Nitenpyram	150824-47-8, 120738-89-8
DDD	53-19-0, 72-54-8	Parathion	56-38-2
DDE	3424-82-6, 72-55-9	Parathion-methyl	298-00-0
DDT	50-29-3, 789-02-6	Perthane	72-56-0
Diazinon	333-41-5	Phosdrin / Mevinphos	7786-34-7
Dichlorophene	97-23-4	Phosphamidone	13171-21-6
Dichlorprop	120-36-5	Propethamphos	31218-83-4
Dicofol	115-32-2	Profenophos	41198-08-7
Dicrotophos	141-66-2	Silafluofen	105024-66-6
Dieldrine	60-57-1	Strobane	8001-50-1
Dimethoate	60-51-5	Quinalphos	13593-03-8
Dinoseb, its salts and acetate	88-85-7 et. al.	Telodrin / Telodrine	297-78-9
Dinotefuran	165252-70-0	Thiacloprid	111988-49-9
DTTB	63405-99-2	Thiamethoxam	153719-23-4
Endosulfan	115-29-7	Tolyfluanid / Tolyfluanide	731-27-1
Endosulfan, α -	959-98-8	Toxaphene	8001-35-2
Endosulfan, β -	33213-65-9	Trifluralin	1582-09-8

Pesticides under observation / 監視対象 残留農薬

Name / 名称	CAS-Nr.
Metam-sodium	137-42-8

Glyphosate and salts / グリホサートと塩

Name / 名称	CAS-Nr.
e.g. Isopropylammonium- salt, potassium salt, ammonium salt	1071-83-6 38641-94-0 70901-12-1 40465-66-5 et.al.



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Chlorinated phenols / 塩素化フェノール

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

Plasticizer/Phthalates / 可塑剤/フタレート

Name / 名称	CAS-Nr.	Acronym
Benzylbutylphthalate	85-68-7	BBP
Dibutylphthalate	84-74-2	DBP
Diethylphthalate	84-66-2	DEP
Dimethylphthalate	131-11-3	DMP
Di-(2-ethylhexyl)phthalate	117-81-7	DEHP
Di-(2-methoxyethyl)phthalate	117-82-8	DMEP
Di-C6-8-branched alkylphthalates, C7 rich	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates	68515-42-4	DHNUP
Dicyclohexylphthalate	84-61-7	DCHP
Dihexylphthalates, branched and linear	68515-50-4	DHxP
Di-iso-butylphthalate	84-69-5	DIBP
Di-iso-hexylphthalate	71850-09-4	DIHxP
Di-iso-octylphthalate	27554-26-3	DIOP
Di-iso-nonylphthalate	28553-12-0, 68515-48-0	DINP
Di-iso-decylphthalate	26761-40-0, 68515-49-1	DIDP
Di-n-propylphthalate	131-16-8	DPrP
Di-n-hexylphthalate	84-75-3	DHP
Di-n-octylphthalate	117-84-0	DNOP
Di-n-nonylphthalate	84-76-4	DNP
Di-pentylphthalate (n-, iso-, or mixed)	131-18-0, 605-50-5, 776297-69-9, 84777-06-0	DPP
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters	68515-51-5	
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1	

Organic tin compounds / 有機スズ化合物

Name / 名称	Acronym	Name / 名称	Acronym
Dibutyltin	DBT	Tetrabutyltin	TeBT
Dimethyltin	DMT	Tetraethyltin	TeET
Diocetyl tin	DOT	Tributyltin	TBT
Diphenyltin	DPhT	Tricyclohexyltin	TCyHT
Dipropyltin	DPT	Trimethyltin	TMT
Monomethyltin	MMT	Triocetyl tin	TOT
Monobutyltin	MBT	Triphenyltin	TPhT
Monooctyltin	MOT	Tetraoctyltin	TeOT
Monophenyltin	MPhT	Tripropyltin	TPT

Free and cleavable carcinogenic arylamines / 遊離/開裂可能な発ガン性芳香族アミン

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
4-Aminobiphenyl	92-67-1	4,4'-Thiodianiline	139-65-1
Benzidine	92-87-5	o-Toluidine	95-53-4
4-Chloro-o-toluidine	95-69-2	2,4-Toluylenediamine	95-80-7
2-Naphthylamine	91-59-8	2,4,5-Trimethylaniline	137-17-7
o-Aminoazotoluene	97-56-3	o-Anisidine (2-Methoxyaniline)	90-04-0
2-Amino-4-nitrotoluene	99-55-8	4-Aminoazobenzene	60-09-3
4-Chloroaniline	106-47-8	2,4-Xylidine	95-68-1
2,4-Diaminoanisole	615-05-4	2,6-Xylidine	87-62-7
4,4'-Diaminodiphenylmethane	101-77-9	4-Chloro-o-toluidinium chloride	3165-93-3
3,3'-Dichlorobenzidine	91-94-1	2,4-Diaminoanisole sulphate	39156-41-7
3,3'-Dimethoxybenzidine	119-90-4	3,3-Diaminobenzidin	91-95-2
3,3'-Dimethylbenzidine	119-93-7	2,5-Diaminotoluene / 2-methyl-p-phenylenediamine	95-70-5
4,4'-Methylenedi-o-toluidine	838-88-0	4-Ethoxyaniline / p-phenetidine	156-43-4
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8	2-Naphthylammoniumacetate	553-00-4
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	2,4,5-Trimethylaniline hydrochloride	21436-97-5
4,4'-Oxydianiline	101-80-4		



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Free and cleavable carcinogenic arylamines under observation / 監視対象 遊離/開裂可能な発ガン性芳香族アミン

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
p-anisidine	104-94-9	2-amino-5-nitrothiazole	121-66-4

Dyestuffs and pigments classified as carcinogenic / 発ガン性に分類される染料と顔料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Acid Red 26	C.I. 16 150	3761-53-3
C.I. Acid Red 114		6459-94-5
C.I. Basic Blue 26 (with ≥ 0.1 % Michler's ketone or base)		2580-56-5
C.I. Basic Red 9	C.I. 42 500	569-61-9
C.I. Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)		548-62-9
C.I. Basic Violet 14	C.I. 42 510	632-99-5
C.I. Direct Black 38	C.I. 30 235	1937-37-7
C.I. Direct Blue 6	C.I. 22 610	2602-46-2
C.I. Direct Blue 15		2429-74-5
C.I. Direct Brown 95		16071-86-6
C.I. Direct Red 28	C.I. 22 120	573-58-0
C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
C.I. Disperse Orange 11	C.I. 60 700	82-28-0
C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8
C.I. Pigment Red 104 (Lead chromate molybdate sulphate red)	C.I. 77 605	12656-85-8
C.I. Pigment Yellow 34 (Lead sulfochromate yellow)	C.I. 77 603	1344-37-2
C.I. Solvent Blue 4 with ≥ 0.1 % Michler's ketone or base		6786-83-0
C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	C.I. 11100	60-09-3
C.I. Solvent Yellow 3 (o-Aminoazotoluene / o-Aminoazotoluol)		97-56-3
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with ≥ 0.1 % Michler's ketone or base		561-41-1

Dyestuffs classified as allergenic / アレルギー誘発性に分類される染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
C.I. Disperse Blue 3	C.I. 61 505	2475-46-9
C.I. Disperse Blue 7	C.I. 62 500	3179-90-6
C.I. Disperse Blue 26	C.I. 63 305	3860-63-7
C.I. Disperse Blue 35		12222-75-2
C.I. Disperse Blue 102		12222-97-8
		69766-79-6
C.I. Disperse Blue 106		12223-01-7
		68516-81-4
C.I. Disperse Blue 124		15141-18-1
		61951-51-7
C.I. Disperse Brown 1		23355-64-8
C.I. Disperse Orange 1	C.I. 11 080	2581-69-3
C.I. Disperse Orange 3	C.I. 11 005	730-40-5
C.I. Disperse Orange 37 (= 59 / = 76)	C.I. 11 132	51811-42-8, 13301-61-6, 12223-33-5
C.I. Disperse Orange 59	C.I. 11 132	
C.I. Disperse Orange 76	C.I. 11 132	
C.I. Disperse Red 1	C.I. 11 110	2872-52-8
C.I. Disperse Red 11	C.I. 62 015	2872-48-2
C.I. Disperse Red 17	C.I. 11 210	3179-89-3
C.I. Disperse Yellow 1	C.I. 10 345	119-15-3
C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8
C.I. Disperse Yellow 9	C.I. 10 375	6373-73-5
C.I. Disperse Yellow 39		12236-29-2
C.I. Disperse Yellow 49		54824-37-2

Other banned dyestuffs / その他の禁止染料

C.I. Generic Name	C.I. Structure number	CAS-Nr.
C.I. Basic Green 4 (chloride)		569-64-2
C.I. Basic Green 4 (free)		10309-95-2
C.I. Basic Green 4 (oxalate)		2437-29-8, 18015-76-4
C.I. Basic Yellow 2 / Solvent Yellow 34 (hydrochloride and free base)		2465-27-2 / 492-80-8
C.I. Disperse Orange 149		85136-74-9
C.I. Disperse Yellow 23	C.I. 26 070	6250-23-3
Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)		



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Michler's Ketone/Base / ミヒラーズケトン/ベース

Name	CAS-Nr.
Michler's base	101-61-1
Michler's ketone	90-94-8

Chlorinated benzenes and toluenes / 塩素化ベンゼン/トルエン

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
<u>Chlorobenzenes / 塩素化ベンゼン</u>		<u>Chlorobenzenes / 塩素化ベンゼン</u>	
Chlorobenzene	108-90-7	Dichlorobenzenes	25321-22-6
1,2-Dichlorobenzene	95-50-1	1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene	106-46-7	Trichlorobenzenes	12002-48-1
1,2,3-Trichlorobenzene	87-61-6	1,2,4-Trichlorobenzene	120-82-1
1,3,5-Trichlorobenzene	108-70-3	Tetrachlorobenzenes	12408-10-5
1,2,3,4-Tetrachlorobenzene	634-66-2	1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3	1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2
Pentachlorobenzene	608-93-5	Hexachlorobenzene	118-74-1
<u>Chlorotoluenes / 塩素化トルエン</u>		<u>Chlorotoluenes / 塩素化トルエン</u>	
2-Chlorotoluene	95-49-8	2,5-Dichlorotoluene	19398-61-9
4-Chlorotoluene	106-43-4	3,4-Dichlorotoluene	95-75-0
2,4-Dichlorotoluene	95-73-8	2,3,4-Trichlorotoluene	7359-72-0
2,6-Dichlorotoluene	118-69-4	2,3,6-Trichlorotoluene	2077-46-5
3,5-Dichlorotoluene	25186-47-4	2,4,6-Trichlorotoluene	23749-65-7
2,3,5-Trichlorotoluene	56961-86-5	2,3,4,5-Tetrachlorotoluene	1006-32-2, 76057-12-0
2,4,5-Trichlorotoluene	6639-30-1	2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8
3,4,5-Trichlorotoluene	21472-86-6	Benzyl chloride	100-44-7
2,3,4,6-Tetrachlorotoluene	875-40-1	Benzotrithloride	98-07-7
2,3,4,5,6-Pentachlorotoluene	877-11-2	4-Chlorobenzotrithloride	5216-25-1
3-Chlorotoluene	108-41-8	α-substituted-Chlorotoluenes	Various
2,3-Dichlorotoluene	32768-54-0		

Polycyclic aromatic hydrocarbons (PAH) / 多環芳香族炭化水素 (PAH)

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
Acenaphthene / Acenaphthene	83-32-9	Dibenzo[a,h]anthracene	53-70-3
Acenaphthylene	208-96-8	Dibenzo[a,e]pyrene	192-65-4
Anthracene	120-12-7	Dibenzo[a,h]pyrene	189-64-0
Benzo[a]anthracene	56-55-3	Dibenzo[a,i]pyrene	189-55-9
Benzo[a]pyrene	50-32-8	Dibenzo[a,l]pyrene	191-30-0
Benzo[b]fluoranthene	205-99-2	Fluoranthene	206-44-0
Benzo[e]pyrene	192-97-2	Fluorene	86-73-7
Benzo[ghi]perylene	191-24-2	Indeno[1,2,3-cd]pyrene	193-39-5
Benzo[j]fluoranthene	205-82-3	1-Methylpyrene	2381-21-7
Benzo[k]fluoranthene	207-08-9	Naphthalene	91-20-3
Chrysene	218-01-9	Phenanthrene	85-01-8
Cyclopenta[c,d]pyrene	27208-37-3	Pyrene	129-00-0



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Forbidden flame retardant substances / 禁止難燃物質

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	BTBPE
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Barium diboron tetraoxide	13701-59-2	
Bis(2,3-dibromopropyl)phosphate	5412-25-9	BIS
Bis(2-ethylhexyl) tetrabromophthalate, any of the individual isomers and/or combinations thereof	Various	TBPH
Boric acid	10043-35-3, 11113-50-1	
Decabromobiphenyl	13654-09-6	DecaBB
Decabromodiphenylether	1163-19-5	DecaBDE
Diboron trioxide	1303-86-2	
Dibromobiphenyls	various	DiBBs
Dibromodiphenylethers	various	DiBDEs
Disodium octaborate	12008-41-2	
Disodium tetraborate	1303-96-4, 1330-43-4, 12179-04-3	
Heptabromobiphenyls	various	HeptaBBs
Heptabromodiphenylethers	various, 68928-80-3	HeptaBDEs
Hexabromobiphenyls	various	HexaBBs
Hexabromocyclododecane and all main diastereomers identified (alpha-, beta-, gamma-)	Various, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4	HBCDD
Hexabromodiphenylethers	various, 36483-60-0	HexaBDEs
Monobromobiphenyls	various	MonoBBs
Monobromodiphenylethers	various	MonoBDEs
Nonabromobiphenyls	various	NonaBBs
Nonabromodiphenylethers	various, 63936-56-1	NonaBDEs
Octabromobiphenyls	various	OctaBBs
Octabromodiphenylethers	various, 32536-52-0	OctaBDEs
Pentabromobiphenyls	various	PentaBBs
Pentabromodiphenylethers	various, 32534-81-9	PentaBDEs
Polybrominated diphenyl ethers	various	PBDEs
Polybromobiphenyls (Polybrominated biphenyls)	59536-65-1	PBBs
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Tetrabromobiphenyls	various	TetraBBs
Tetrabromobisphenol A	79-94-7	TBBPA
Tetrabromodiphenylethers	various, 40088-47-9	TetraBDEs
Tri(2,3-dibromopropyl)phosphate	126-72-7	TRIS
Tribromobiphenyls	various	TriBBs
Tribromodiphenylethers	various	TriBDEs
Tris(1,3-dichloro-iso-propyl)phosphate	13674-87-8	TDCPP
Tris(2-chloroethyl)phosphate	115-96-8	TCEP
Tris(aziridinyl)phosphin oxide	545-55-1	TEPA
Trixylylphosphate	25155-23-1	TXP
Zinc borate salts	1332-07-6, 12767-90-7	

Solvent residues / 残留有機溶剤

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1-Methyl-2-pyrrolidone	872-50-4	NMP
Formamide	75-12-7	
N,N-Dimethylacetamide	127-19-5	DMAc
N,N-Dimethylformamide	68-12-2	DMF

Surfactant, wetting agent residues, alkyl phenols / 残留界面活性剤、湿潤剤、アルキルフェノール類

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
4-tert-butylphenol	98-54-4	BP
Heptylphenol	various	HpP
Nonylphenol	various	NP
Nonylphenoethoxylates	various	NP(EO)
Octylphenol	various	OP
Octylphenoethoxylates	various	OP(EO)
Pentylphenol	various	PeP



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Other chemical residues / その他の残留化学物質

Name / 名称	CAS-Nr.	Acronym
Aniline	62-53-3	
Azodicarbonamide	123-77-3	ADCA
Benzene	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1	BPS
Bis(4-chlorophenyl) sulphone	80-07-9	
Dimethylfumarate	624-49-7	DMFu
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	
Melamine	108-78-1	
2-Mercaptobenzothiazole / 2-Mercaptobenzothiazol	149-30-4	2-MTB
N-(hydroxymethyl)acrylamide	924-42-5	
o-Phenylphenol	90-43-7	OPP
Phenol	108-95-2	
Quinoline (Chinoline / Benzo[b]pyridine)	91-22-5	
Tris(2-methoxyethoxy)vinylsilane	1067-53-4	
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear	various	TNPP

Chemical residues under observation / 監視対象 残留化学物質

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
2,4,6-tri-tert-butylphenol / 2,4,6-tri-tert-butylphenol	732-26-3	Methylisothiazolinone	2682-20-4
Bisphenol AF (4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyl)diphenol)	1478-61-1	N-ethyl-2-pyrrolidone/NEP	2687-91-4
Bisphenol F (4,4'-Methylenediphenol)	620-92-8	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol / 2-フェニルプロペンのオリゴマー化/アルキル化反応物	various
Drometrizole	2440-22-4		

UV stabilizers / 紫外線吸収剤

Name / 名称	CAS-Nr.	Acronym
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	3846-71-7	UV 320
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol / 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	UV 329
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	25973-55-1	UV 328
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	UV 327
Bumetrizole / Bumetrizole	3896-11-5	UV 326

Chlorinated paraffins / 塩素化パラフィン

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

Siloxanes / シロキサン

Name / 名称	CAS-Nr.	Acronym
Octamethylcyclotetrasiloxane	556-67-2	D4
Decamethylcyclopentasiloxane	541-02-6	D5
Dodecamethylcyclohexasiloxane	540-97-6	D6

Chlorinated solvents / 塩素系溶剤

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
Dichloromethane	75-09-2	1,1,1,2-Tetrachloroethane	630-20-6
Trichloromethane (Chloroform)	67-66-3	1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloromethane	56-23-5	Pentachloroethane	76-01-7
1,1-Dichloroethane	75-34-3	1,1-Dichloroethylene	75-35-4
1,2-Dichloroethane	107-06-2	1,2-Dichloroethylene	540-59-0, 156-59-2, 156-60-5
1,1,1-Trichloroethane	71-55-6	Trichloroethylene	79-01-6
1,1,2-Trichloroethane	79-00-5	Tetra(per)chloroethylene	127-18-4



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Other VOCs (volatile organic compounds) and glycols / その他の VOC (揮発性有機化合物) とグリコール類

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Acetophenone	98-86-2	2-Methoxyethylacetate / 2-Methoxyethylacetate	110-49-6
Benzene	71-43-2	2-Methoxypropanol / 2-Methoxypropanol	1589-47-5
Bis(2-methoxyethyl)ether	111-96-6	2-Methoxypropylacetate	70657-70-4
Cyclohexanone	108-94-1	Methylethylketone	78-93-3
1,2-Diethoxyethane / 1,2-Diethoxyethan	629-14-1	Naphthalene	91-20-3
1,4-dioxane	123-91-1	2-Phenyl-2-propanole	617-94-7
2-Ethoxyethanol	110-80-5	Styrene	100-42-5
2-Ethoxyethylacetate	111-15-9	Toluene	108-88-3
Ethylbenzene	100-41-4	1,2,3-Trichloropropane	96-18-4
Ethylene glycol dimethyl ether	110-71-4	Triethylene glycol dimethyl ether	112-49-2
2-Methoxyethanol	109-86-4	Xylene	95-47-6, 108-38-3, 106-42-3, 1330-20-7 (mixture)

Cresols / クレゾール

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
o-Cresol	95-48-7	p-Cresol	106-44-5
m-Cresol	108-39-4		

N-Nitrosamines; N-nitrosatable substances / ニトロソアミン

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
N-Nitrosodibenzylamine	5336-53-8	NDBzA
N-Nitrosodibutylamine	924-16-3	NDBA
N-Nitrosodiethanolamine	1116-54-7	NDELA
N-Nitrosodiethylamine	55-18-5	NDEA
N-Nitrosodiisobutylamine	997-95-5	NDiBA
N-Nitrosodiisononylamine	1207995-62-7	NDiNA
N-Nitrosodiisopropylamine	601-77-4	NDiPA
N-Nitrosodimethylamine	62-75-9	NDMA
N-Nitrosodipropylamine	621-64-7	NDPA
N-Nitrosomethylethylamine	10595-95-6	NMEA
N-Nitrosomorpholine	59-89-2	NMOR
N-Nitroso-N-ethyl-N-phenylamine	612-64-6	NEPhA
N-Nitroso-N-methyl-N-phenylamine	614-00-6	NMPPhA
N-Nitroso-piperidine	100-75-4	NPIP
N-Nitroso-pyrrolidine	930-55-2	NPYR



PFAS, Per- and polyfluoroalkylsubstances / ペル/ポリ フッ化アルキル化合物

Name / 名称	CAS-Nr.	Acronym
<u>PFOA and salts / PFOA と塩</u>		
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
<u>PFOA related Substances / PFOA 関連物質</u>		
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS
<u>C9-C14 PFCA / 炭素数 C9-C14 の PFCA</u>		
Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts	335-76-2, et. al.	PFDA
Henicosafuoroundecanoic acid and salts	2058-94-8, et. al.	PFUdA
Tricosafuorododecanoic acid and salts	307-55-1, et. al.	PFDoA
Pentacosafuorotridecanoic acid and salts	72629-94-8, et. al.	PFTTrDA
Heptacosafuorotetradecanoic acid and salts	376-06-7, et. al.	PFTeDA
Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
<u>Further PFCAs / 更なる PFCA</u>		
Perfluorobutanoic acid and salts	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts	2706-90-3, et. al.	PFPeA
Perfluorohexanoic acid and salts	307-24-4, et. al.	PFHxA
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
<u>C9-C14 PFCAs related substances / 炭素数 C9-C14 の PFCA 関連物質</u>		
Henicosafuorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	4HPFUnA
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	10:2 FTOH
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA
<u>PFOS and related / PFOS と関連物質</u>		
Perfluorooctane sulfonic acid and sulfonates	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide	754-91-6	PFOSA
Perfluorooctane sulfonfluoride	307-35-7	PFOSF / POSF
N-Methyl perfluorooctane sulfonamide	31506-32-8	N-Me-FOSA
N-Ethyl perfluorooctane sulfonamide	4151-50-2	N-Et-FOSA
N-Methyl perfluorooctane sulfonamide ethanol	24448-09-7	N-Me-FOSE
N-Ethyl perfluorooctane sulfonamide ethanol	1691-99-2	N-Et-FOSE
<u>Perfluorinated sulfonic acids / 全フッ化スルホン酸</u>		
Perfluorobutane sulfonic acid and salts	375-73-5, 59933-66-3, et. al.	PFBS
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
Perfluoroheptane sulfonic acid and salts	375-92-8, et. al.	PFHpS
Henicosafuorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
<u>PFHxS and salts / PFHxS と塩</u>		
Perfluorohexane sulfonic acid and salts	355-46-4, et. al.	PFHxS
<u>Esters of fluorinated alcohols with acrylic acid / フッ化アルコール アクリル酸エステル類</u>		
1H,1H,2H,2H-Perfluorooctyl acrylate	17527-29-6	6:2 FTA
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluorododecyl acrylate	17741-60-5	10:2 FTA
<u>Partially fluorinated carboxylic / sulfonic acids / 部分フッ化カルボン酸/スルホン酸</u>		
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
7H-Perfluoro heptanoic acid and salts	1546-95-8, et. al.	7HPFHpA
2H,2H,3H,3H-Perfluoroundecanoic acid and salts	34598-33-9, et. al.	4HPFUnA
<u>Partially fluorinated carboxylic / sulfonic acids under observation / 監視対象 部分フッ化カルボン酸/スルホン酸</u>		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid , its salts and its acyl halides / 2,3,3,3-テトラフルオロ-2-(ヘプタフルオロ プロキシ)プロピオン酸、その塩とアシル化ハロゲン	13252-13-6, et. al.	HFPO-DA
<u>Partially fluorinated linear alcohols / 部分フッ化直鎖アルコール</u>		
1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	10:2 FTOH



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Heavy Metals / 重金属

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Sb (Antimony)	7440-36-0, et.	Cu (Copper)	7440-50-8, et.
	al.		al.
As (Arsenic)	7440-38-2, et.	Ni (Nickel)	7440-02-0, et.
	al.		al.
Pb (Lead)	7439-92-1, et.	Hg (Mercury)	7439-97-6, et.
	al.		al.
Cd (Cadmium)	7440-43-9, et.	Ba (Barium)	7440-39-3, et.
	al.		al.
Cr (Chromium)	7440-47-3, et.	Se (Selenium)	7782-49-2, et.
	al.		al.
Co (Cobalt)	7440-48-4, et.		
	al.		