

## 6 Annex

For a compilation of individual substances and CAS numbers, please see Annex 7 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.

The following, expanded criteria catalogue as per Annex 6 and the accompanying Annex 7 are only used within the context of a OEKO-TEX® STANDARD 100 certification process if expressly requested by the applicant in the application. This catalogue specially has been developed for companies who are particularly focused on the **Detox Campaign** and it offers these companies assistance if they want to take this approach (or must take this approach due to specific customer requirements). The tightening of the limit values in comparison with the requirements in Annex 4 for many parameters / substances did not take place from a viewpoint of human ecological aspects but considering Point 4.3.5 of this standard. The parameters flagged with an asterisk (\*) belong to the so-called “Detox Substance Groups”.

### Expanded requirements / limit values and fastness

The testing procedures are described in a separate document

## 付属書

個々の物質と CAS 番号は、本規格の付属書 7 をご覧下さい。

### 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を得るために必要です。

以下は、エコテックス®スタンダード 100 の付属書 6 に基づいて拡張された規制値表とそれに伴う付属書 7 で、申請者が特別に要望する場合のみに適用されます。この規制値表は、特別に「デトックスキャンペーン」に焦点を合わせた企業向に開発され、企業が希望するアプローチを支援します。( 又は、特定客先からの要求により、このアプローチが必要となります ) 付属書 4 での多くの項目/物質の要求事項に比べてより厳しく強化された要求事項は、人体への生態的安全性の観点ではなく、本規格 4.3.5 を考慮したものです。星印 (\*) が付けられた項目が、いわゆる「デトックス物質グループ」です。

拡張された要求事項/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 <sup>1</sup>	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde [mg/kg]	n.d. / 不検出 <sup>2</sup>	75	150	300
Free and partially releasable / 遊離し、部分的に溶出可能	n.d. / 不検出 <sup>2</sup>	75	150	300

<sup>1</sup> 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; for wet wipes: 3.5 to 7.5; for taffeta labels: 4.0 - 9.0; for film material (e.g. polyolefin films) with incorporated Calciumbicarbonate/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; 炭酸カルシウムやタルクを含む、壁紙や直接肌に触れないフィルム素材 ( 例: ポリオレフィンフィルム ): 4.0~10.0; ウェットティッシュ: 3.5~7.5; タフタ製ラベル: 4.0~9.0

<sup>2</sup> 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 0.05 未満 ( 16 mg/kg ) に相当



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<b>Extractable (heavy) metals / 溶出重金属 [mg/kg] *</b>				
As (Arsenic)	0.2	0.2	0.2	0.2
Ba (Barium)	1000	1000	1000	1000
Cd (Cadmium)	0.1	0.1	0.1	0.1
Co (Cobalt)	1.0	1.0	1.0	1.0
Cr (VI) (Chromium (VI) / Cr(VI))	0.5	0.5	0.5	0.5
Cr (Chromium)	1.0	1.0	1.0	1.0
Cu (Copper)	25.0 <sup>4</sup>	50.0 <sup>4</sup>	50.0 <sup>4</sup>	50.0 <sup>4</sup>
Hg (Mercury)	0.02	0.02	0.02	0.02
Mn (Manganese)	90.0	90.0	90.0	90.0
Ni (Nickel) <sup>5</sup>	1.0 <sup>6</sup>	1.0	1.0	1.0
Pb (Lead)	0.2	0.2 <sup>3</sup>	0.2 <sup>3</sup>	0.2 <sup>3</sup>
Sb (Antimony)	30.0	30.0	30.0	30.0
Se (Selenium)	100	100	100	100
Zn (Zinc)	750	750	750	750

<sup>4</sup> No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products / 無機の素材で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

<sup>5</sup> Including the requirement by REACH-Regulation Annex XVII, Entry 27 / REACH 規則 付属書 XVII、27 項の必要条件を含む

<sup>6</sup> For metallic accessories and metallized surfaces: 0.5 mg/kg / 金属製や金属表面素材

<sup>3</sup> For accessories made from glass: 0.1% / ガラス製付属品 : 0.1%



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<b>Heavy metals total content / 重金属 (全含有量) [mg/kg]</b>				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40.0	40.0 <sup>3</sup>	40.0 <sup>3</sup>	40.0 <sup>3</sup>
Hg (Mercury)	0.5	0.5	0.5	0.5
Pb (Lead) at metallic material / 金属製素材で	90.0	90.0 <sup>3</sup>	90.0 <sup>3</sup>	90.0 <sup>3</sup>
Pb (Lead) at plastic, coatings etc. / 樹脂やコーティング等	75.0	75.0 <sup>3</sup>	75.0 <sup>3</sup>	75.0 <sup>3</sup>
<b>Pesticides / 残留農薬 [mg/kg]<sup>8</sup></b>				
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 (通常綿用)	5	5	5	5
Glyphosate and salts for organic cotton / オーガニックコットン用グリホサートとその塩	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			
<b>Chlorinated phenols / 塩素化フェノール [mg/kg]*</b>				
Pentachlorophenol (PCP)	0.05	0.25	0.25	0.25
Tetrachlorophenols (TeCP), Sum / 合計	0.05	0.25	0.25	0.25
Trichlorophenols (TrCP), Sum / 合計	0.2	1.00	1.00	1.00
Dichlorophenols (DCP), Sum / 合計	0.50	1.00	1.00	1.00
Monochlorophenols (MCP), Sum / 合計	0.50	1.00	1.00	1.00
<b>Plasticizer/Phthalates / 可塑剤/フタレート [mg/kg]<sup>11*</sup></b>				
Each / 各	100	100	100	100
Sum / 合計	250	250	250	250
<b>Organic tin compounds / 有機スズ化合物 [mg/kg]*</b>				
TBT, TPhT	0.5	0.5	0.5	0.5
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPhT, TeBT, TeET, TCyHT, TMT, TOT, TeOT, TPT	0.5	0.5	0.5	0.5

<sup>3</sup> For accessories made from glass: 0.1% / ガラス製付属品 : 0.1%

<sup>8</sup> For natural fibres only / 天然繊維のみ

<sup>11</sup> For coated articles, plastisol prints, flexible foams, and accessories made from plastics / コーティングされた商品やプラスチックプリント、柔らかい発泡材と樹脂製の付属品



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<b>Other chemical residues / その他の残留化学物質</b>				
6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol[mg/kg]	1000	1000	1000	1000
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide[mg/kg]	1000	1000	1000	1000
Bis(4-chlorophenyl) sulphone[mg/kg]	1000	1000	1000	1000
Melamine [mg/kg] <sup>30</sup>	1000	1000	1000	1000
Carcinogenic Arylamines / 発ガン性芳香族アミン [mg/kg] <sup>12 13</sup>	20	20	20	20
N-(hydroxymethyl)acrylamide [mg/kg]	1000	1000	1000	1000
Tris(2-methoxyethoxy)vinylsilane [mg/kg]	1000	1000	1000	1000
2-Mercaptobenzothiazol [mg/kg]	1000	1000	1000	1000
Free and cleavable carcinogenic arylamines under observation / 監視対象 遊離/開裂後の発ガン性芳香族アミン	u.o. / 監視対象			
Aniline [mg/kg] <sup>13</sup>	20	20	20	20
Benzene [mg/kg]	1.0	1.0	1.0	1.0
Bisphenol A [mg/kg]	100	100	100	100
Bisphenol B [mg/kg]	1000	1000	1000	1000
Bisphenol S [mg/kg]	1000	1000	1000	1000
Azodicarbonamide (ADCA) [mg/kg]	1000	1000	1000	1000
DMFu [mg/kg]	0.1	0.1	0.1	0.1
OPP [mg/kg]	10	10	10	10
Phenol [mg/kg]	20	50	50	50
Quinoline [mg/kg]	50	50	50	50
TCEP [mg/kg]	10	10	10	10
Chemical residues under observation / 監視対象 残留化学物質	u.o. / 監視対象			

<sup>30</sup> There is a transition period for foams. 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、移行期間が設けられています。フォームに 1000mg/kg 以上のメラミンが含まれている場合、認証書にその旨を記載する必要があります。

<sup>12</sup> 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を含むかもしれない全素材

<sup>13</sup> May also be present as residues. / 残留物として存在する可能性もあり

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<b>Colourants / 色材 [mg/kg] *</b>				
Allergens / アレルゲン *	20	20	20	20
Carcinogens / 発ガン性物質 *	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 <sup>13</sup>	u.o. / 監視対象			
Free and cleavable carcinogenic arylamines except aniline / 遊離/ 開裂可能な発ガン性芳香族アミン ( アニリン除く ) * <sup>13</sup>	20	20	20	20
Michler's Ketone / Base / ミヒラーズケトン/ベースを 0.1%以上含有する色材	1000	1000	1000	1000
Navy Blue	no intentional use / 意図的使用禁止			
Others / その他 *	20	20	20	20
Aniline <sup>13</sup>	20	20	20	20
<b>Chlorinated benzenes and toluenes / 塩素化ベンゼン/トルエン [mg/kg] *</b>				
Sum / 合計	1.0	1.0	1.0	1.0
<b>Polycyclic aromatic hydrocarbons (PAH) / 多環芳香族炭化水素 ( PAH ) [mg/kg] <sup>15</sup></b>				
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
Naphthalene	2.0	2.0	2.0	2.0
Sum 24 PAHs / PAH24 種の合計	5.0	10.0	10.0	10.0
<b>Biological active products / 生物活性製品</b>				
	no intentional use / 意図的使用禁止 <sup>16</sup>			
<b>Flame retardant products / 難燃製品*</b>				
General / 全般	no intentional use / 意図的使用禁止 10 mg/kg; each / 各 <sup>16 17</sup> Sum of all / 全ての合計 50 mg/kg			

<sup>13</sup> May also be present as residues. / 残留物として存在する可能性もあり

<sup>15</sup> For all synthetic fibres, yarns, or threads and for plastic materials / 全ての合成繊維、原糸や糸と樹脂製素材

<sup>16</sup> With exception of treatments accepted by OEKO-TEX® (see actual list on <http://www.oeko-tex.com>) but with exception of those listed products / treatments, which base on antimony trioxide/-pentoxide etc. respectively contain these substances. Such products / treatments can not be used at certification processes according to Annex 6 / エコテックス®認可の処理加工は例外 (リスト参照 <http://www.oeko-tex.com>)、但しリスト記載の製品/加工処理であっても、三酸化/五酸化アンチモン等を含む物は付属書 6 適用の認証には使用不可。

<sup>17</sup> At certification processes according to Annex 6 accepted flame retardant products do not contain any of the banned flame retardant substances listed in Annex 7 as active agent / 付属書 6 の認証プロセスでは、認可難燃製品の活性剤として、付属書 7 記載の禁止難燃物質を含まないこと



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<b>Solvent residues / 残留有機溶剤 [mg/kg] <sup>18</sup></b>				
DMAc <sup>19</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>
DMF <sup>19</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>
Formamide	200	200	200	200
NMP <sup>19</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>	500 1000 <sup>20</sup>
<b>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 [mg/kg] <sup>9*</sup></b>				
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); (Sum / 合計)	50.0	50.0	50.0	50.0
BP, NP, OP, HpP, PeP; (Sum / 合計)	5.0	5.0	5.0	5.0
<b>PFAS, Per- and polyfluoroalkylsubstances / ペル/ポリフルオロアルキル化合物*</b>				
PFAS / 有機フッ素化合物	no intentional use / 意図の使用禁止			
PFCA related substances: PFCA-related substances / PFCA 関連物質: PFCA-関連物質 Sum / 合計 [µg/kg]	260 <sup>37</sup>	260 <sup>37</sup>	260 <sup>37</sup>	260 <sup>37</sup>
Esters of fluorinated alcohols with acrylic acid, sum; according to Annex 7 / 合計、付属書 7 による [µg/kg]	250	250	250	250
PFHpA, PFNA, PFDA, PFUdA, PFDoA, PFTTrDA, PFTeDA Further perfluorinated carboxylic acids sum; according to Annex 7 / 合計; 付属書 7 による [µg/kg]	25	25	25	25
PFOA and salts Sum / PFOA と塩の合計 [µg/kg]	25	25	25	25
PFOA related substances sum / PFOA 関連物質の合計 [µg/kg] <sup>22</sup>	250	250	250	250
PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; Sum / 合計 [µg/m <sup>2</sup> ]	1	1	1	1
Partially fluorinated carboxylic / sulfonic acids, sum; according to Annex 7 / 合計; 付属書 7 による [µg/kg]	25	25	25	25
Partially fluorinated carboxylic / sulfonic acids, under observation / 監視対象	u.o. / 要監視			
Partially fluorinated linear alcohols, sum; according to Annex 7 / 合計; 付属書 7 による [µg/kg]	250	250	250	250
Perfluorinated sulfonic acids, sum; according to Annex 7 / 合計; 付属書 7 による [µg/kg]	25	25	25	25
Perfluorohexanesulfonic acid, related substances and salts (PFHxS), Sum / 合計 [µg/kg]	25 <sup>38</sup>	25 <sup>38</sup>	25 <sup>38</sup>	25 <sup>38</sup>

<sup>18</sup> 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する、発泡材 (EVA、PVC) と繊維/原糸/布とコーティングされた商品 (例えば、人工皮革)

<sup>19</sup> 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 1.5 % / 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 1.5 %

<sup>20</sup> For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles. / アクリル素材 (PAN)、弾性繊維 (EL) / ポリウレタン、ナイロン、アラミド繊維、コーティングされた生地 (PU-, PVC-, PVC-プラスチック、PVDC-, PVC-コポリマー)

<sup>9</sup> The individual substances are listed in Annex 7 / 個々の物質は付属書 7 に記載

<sup>37</sup> Any C9-C14 PFCA-related substance having a perfluoro group with the formula CnF2n+1- directly bonded to another carbon atom, where n = 8, 9, 10, 11, 12 or 13, including its salts and any combinations thereof. / C9-C14 の PFCA 関連物質で、化学構造式 CnF2n+1 の炭素原子に直接結合した全フッ素化合物で、n=8~13 の範囲で塩類も含む

<sup>22</sup> 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. / 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.

<sup>38</sup> PFHxS-related compounds are substances having C6F13S as a structural element and which degrade to PFHxS / PFHxS 関連化合物とは、化学構造式中に C6F13S を持ち、PFHxS へ減成する物質

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<b>Fluorine content / フッ素含有量 [mg/kg]</b>				
Total fluorine (TF) / 全フッ素 (TF) <sup>31</sup>	100	100	100	100
<b>UV stabilizers / 紫外線吸収剤 [mg/kg]</b>				
UV 320, UV 327, UV 328, UV 350; each / 各	1000	1000	1000	1000
<b>Chlorinated paraffins / 塩素化パラフィン</b>				
Sum of SCCP and MCCP / SCCP、MCCP の合計 [mg/kg]	50	50	50	50
<b>Siloxanes / シロキサン [mg/kg]</b>				
D4, D5, D6	1000	1000	1000	1000
<b>N-Nitrosamines; each / 各 [mg/kg]</b>				
N-nitrosatable substances; Sum / 合計 [mg/kg]	0.5	0.5	0.5	0.5
<b>Chlorinated solvents [mg/kg] *</b>				
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
Sum of the chlorinated solvents / 塩素系溶剤の合計	5.0	5.0	5.0	5.0

<sup>31</sup> This limit value applies from the 01.01.2024 on. / 規制値は、2024 年 1 月 1 日より適用



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**Expanded requirements / limit values and fastness** 拡張された要求事項/規制値および染色堅牢度

The testing procedures are described in a separate document 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 / 装飾品用 材料
<b>Other VOCs and glycols / その他の VOC とグリコール類 [mg/kg] <sup>23*</sup></b>				
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
1,2-Diethoxyethane	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
Ethylbenzene	10.0	10.0	10.0	10.0
Ethylene glycol dimethyl ether	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
1-Methyl-2-pyrrolidone (NMP)	refer to solvent residues / 残留有機溶剤を参照			
Methylethylketone	10.0	10.0	10.0	10.0
Naphthalene	refer to corresponding entry at PAH / PAH での該当事項参照			
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			
2-Phenyl-2-propanole	10.0	10.0	10.0	10.0
Styrene	10.0	10.0	10.0	10.0
Toluene	10.0	10.0	10.0	10.0
1,2,3-Trichloropropane	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
<b>Cresols / クレゾール [mg/kg]</b>				
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
<b>Colour fastness (staining) / 染色堅牢度 (汚染)</b>				
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) <sup>24 25</sup>	4	4	4	4
To saliva and perspiration / 耐唾液と汗	fast / 堅牢			

<sup>23</sup> 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。

<sup>24</sup> No requirements for 'wash-out' - articles / 洗い加工商品には、要求事項なし

<sup>25</sup> 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





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**Expanded requirements / limit values and fastness** 拡張された要求事項/規制値および染色堅牢度

The testing procedures are described in a separate document 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	III with no direct contact with skin / 肌接触小	IV Decoration material / 装飾用素材
<b>Emission of volatiles / 揮発性物質の放出 [mg/m<sup>3</sup>] <sup>26</sup></b>				
Formaldehyde [50-00-0]	0.1	0.1	0.1	0.1
Toluene [108-88-3]	0.1	0.1	0.1	0.1
Styrene [100-42-5]	0.005	0.005	0.005	0.005
4-Vinylcyclohexene [100-40-3]	0.002	0.002	0.002	0.002
4-Phenylcyclohexene [4994-16-5]	0.03	0.03	0.03	0.03
Butadiene [106-99-0]	0.002	0.002	0.002	0.002
Vinylchloride [75-01-4]	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
<b>Organic cotton fibres and materials / オーガニック綿の繊維/素材 <sup>27</sup></b>				
GMO Genetically modified organism / GMO 遺伝子組換え作物	no intentional use / 意図的使用禁止			
GMO quantitative analysis / 遺伝子組換え生物(GMO) [%] <sup>33</sup>	5	5	5	5
<b>Determination of odours</b>				
General / 全般	no intentional use / 意図的使用禁止 <sup>28</sup>			
SNV 195 651 (Modified / 変更された) <sup>26</sup>	3	3	3	3
<b>Banned fibres / 禁止繊維</b>				
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 <sup>39</sup>	no intentional use / 意図的使用禁止			

<sup>26</sup> For textile carpets, mattresses as well as foams and large coated articles not being used for clothing / 発泡材や大きくコーティングされた商品と、繊維製カーペット、マットレス

<sup>27</sup> Refer also to item 5.5. of this standard / 本規格 5.5 項も参照下さい

<sup>33</sup> 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)

<sup>28</sup> No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume / カビ、石油高沸点留分、魚、芳香族炭化水素、香水の臭いがないこと

<sup>39</sup> as defined by the ECHA / ECHA (欧州化学品庁) での定義に従い、



## 7 Annex

## 付属書

### Compilation of the individual substances for Annex 6 個々の物質のまとめ (付属書 6 適用)

#### Pesticides / 残留農薬

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
2,4,5-T	93-76-5	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
Aldrine	309-00-2	Heptachloroepoxide	1024-57-3, 28044-83-9
Azinophosethyl	2642-71-9	Hexachlorobenzene	118-74-1
Azinophosmethyl	86-50-0	Hexachlorocyclohexane, $\alpha$ -	319-84-6
Bromophos-ethyl	4824-78-6	Hexachlorocyclohexane, $\beta$ -	319-85-7
Captafol	2425-06-1	Hexachlorocyclohexane, $\delta$ -	319-86-8
Carbaryl	63-25-2	Imidacloprid	105827-78-9, 138261-41-3
Carbendazim	10605-21-7	Isodrine	465-73-6
Chlorbenzilate	510-15-6	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
Dicofol	115-32-2	Propethamphos	31218-83-4
Dichlorprop	120-36-5	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.	Telodrine	297-78-9
Dinotefuran	165252-70-0	Thiacloprid	111988-49-9
DTTB	63405-99-2	Thiamethoxam	153719-23-4
Endosulfan	115-29-7	Tolyfluanide	731-27-1
Endosulfan, $\alpha$ -	959-98-8	Toxaphene	8001-35-2
Endosulfan, $\beta$ -	33213-65-9	Trifluralin	1582-09-8

#### Pesticides under observation / 監視対象 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**

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
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		



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## Compilation of the individual substances for Annex 6 個別物質リスト付属書 6

### 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
Dioctyltin	DOT	Tributyltin	TBT
Diphenyltin	DPhT	Tricyclohexyltin	TCyHT
Dipropyltin	DPT	Trimethyltin	TMT
Monomethyltin	MMT	Trioctyltin	TOT
Monobutyltin	MBT	Triphenyltin	TPhT
Monooctyltin	MOT	Tripropyltin	TPT
Monophenyltin	MPhT	Tetraoctyltin	TeOT

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



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## Compilation of the individual substances for Annex 6 個々の物質のまとめ付属書 6

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

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

### Dyestuffs and pigments classified as carcinogenic / 発ガン性に分類される染料/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 $\geq 0.1\%$ 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 $\geq 0.1\%$ 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. 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
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
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with $\geq 0.1\%$ Michler's ketone or base / 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol (ミヒラーズケトン/ベースが 0.1%以上含有)		561-41-1
C.I. Solvent Blue 4 with $\geq 0.1\%$ Michler's ketone or base / C.I. Solvent Blue 4		6786-83-0



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**Dyestuffs classified as allergenic / アレルギー誘発性と分類される染料**

C.I. Generic Name

C.I. Disperse Blue 1  
C.I. Disperse Blue 3  
C.I. Disperse Blue 7  
C.I. Disperse Blue 26  
C.I. Disperse Blue 35  
C.I. Disperse Blue 102  
C.I. Disperse Blue 106

C.I. Disperse Blue 124

C.I. Disperse Brown 1  
C.I. Disperse Orange 1  
C.I. Disperse Orange 3  
C.I. Disperse Orange 37 (= 59 / = 76)

C.I. Disperse Orange 59  
C.I. Disperse Orange 76  
C.I. Disperse Red 1  
C.I. Disperse Red 11  
C.I. Disperse Red 17  
C.I. Disperse Yellow 1  
C.I. Disperse Yellow 3  
C.I. Disperse Yellow 9  
C.I. Disperse Yellow 39  
C.I. Disperse Yellow 49

C.I. Structure number

C.I. 64 500  
C.I. 61 505  
C.I. 62 500  
C.I. 63 305

C.I. 11 080  
C.I. 11 005  
C.I. 11 132

C.I. 11 132  
C.I. 11 132  
C.I. 11 110  
C.I. 62 015  
C.I. 11 210  
C.I. 10 345  
C.I. 11 855  
C.I. 10 375

CAS-Nr.

2475-45-8  
2475-46-9  
3179-90-6  
3860-63-7  
12222-75-2  
12222-97-8  
12223-01-7,  
68516-81-4  
61951-51-7,  
15141-18-1  
23355-64-8  
2581-69-3  
730-40-5  
51811-42-8,  
13301-61-6,  
12223-33-5

2872-52-8  
2872-48-2  
3179-89-3  
119-15-3  
2832-40-8  
6373-73-5  
12236-29-3  
54824-37-2



## Compilation of the individual substances for Annex 6 個別物質リスト付属書 6

### Other banned dyestuffs / その他の禁止染料

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
C.I. Acid Violet 49		1694-09-3
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
Solvent Yellow 34 / C.I. Basic Yellow 2 (hydrochloride and free base)		2465-27-2 / 492-80-8
C.I. Basic Violet 1		8004-87-3
C.I. Direct Blue 218		28407-37-6
C.I. Disperse Orange 149		85136-74-9
C.I. Disperse Yellow 23	C.I. 26 070	6250-23-3
C.I. Solvent Yellow 2		60-11-7
C.I. Solvent Yellow 14		842-07-9
Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)		

### Michler's Ketone / Base / ミヒラーズケトン/ベース

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Michler's base	101-61-1	Michler's ketone	90-94-8

### Michler's Ketone / Base / ミヒラーズケトン/ベース

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
<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 / クロロトルエン類</u>		<u>Chlorotoluenes / クロロトルエン類</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	Benzotrichloride	98-07-7
2,3,4,5,6-Pentachlorotoluene	877-11-2	4-Chlorobenzotrichloride	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)

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
Acenaphthene / Acenaphtene	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



**Compilation of the individual substances for Annex 6 個々の物質のまとめ付属書 6**

**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	
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	BBMP
Antimony pentoxide	1314-60-9	Sb2O5
Antimony trioxide	1309-64-4	Sb2O3
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 / ビス ( 2-エチルヘキシル ) テトラブプロモフタレート、個々の異性体および / またはその組み合わせのいずれか	Various	TBPH
Boric acid / ホウ酸	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
Tri-o-cresyl phosphate	78-30-8	
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	





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### Solvent residues / 残留有機溶剤

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

### 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

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

### Other chemical residues / その他の残留化学物質

Name / 名称	CAS-Nr.	Acronym
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	
Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1	
Melamine	108-78-1	
Aniline	62-53-3	
Benzene	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Azodicarbonamide	123-77-3	ADCA
Dimethylfumarate	624-49-7	DMFu
2-Mercaptobenzothiazol	149-30-4	2-MTB
N-(hydroxymethyl)acrylamide	924-42-5	
Phenol	108-95-2	
o-Phenylphenol	90-43-7	OPP
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
Diphenyl (2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	
Bis(4-chlorophenyl) sulphone	80-07-9	

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

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
Methylisothiazolinone	2682-20-4	Drometrizole	2440-22-4
N-ethyl-2-pyrrolidone/NEP	2687-91-4	Bisphenol AF (4,4'-(1,1,1,3,3,3-Hexafluoropropane-2,2-diyl)diphenol)	1478-61-1
Bisphenol F (4,4'-Methylenediphenol)	620-92-8		

### 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
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	UV 327
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	25973-55-1	UV 328
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	UV 350

### Chlorinated paraffins / 塩素化パラフィン

Name / 名称	CAS-Nr.	Acronym
Short chain chlorinated paraffins (C10 - C13) 塩素化パラフィン (短鎖 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



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**N-Nitrosamines; N-nitrosatable substances**

<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



**Compilation of the individual substances for Annex 6 個別物質リスト (付属書 6 適用)**

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

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
Perfluorooctane sulfonic acid and sulfonates / ペルフルオロオクタンスルホン酸/スルホン酸塩	1763-23-1, et. al.	PFOS
Perfluorooctane sulfonamide	754-91-6	PFOSA
Perfluorooctane sulfonfluoride / ペルフルオロオクタンスルフリル	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
Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts / ペルフルオロデカン酸と塩	335-76-2, et. al.	PFDA
Henicosaflluoroundecanoic acid and salts	2058-94-8, et. al.	PFUDA
Tricosaflluorododecanoic acid and salts	307-55-1, et. al.	PFDoA
Pentacosaflluorotridecanoic acid and salts	72629-94-8, et. al.	PFTrDA
Heptacosaflluorotetradecanoic acid and salts	376-06-7, et. al.	PFTeDA
<u>Others / その他</u>		
<u>Further Perfluorinated carboxylic acids / その他のペルフルオロカルボキシル酸</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
Perfluoro(3,7-dimethyloctanoic acid) and salts / 全フッ化の ( 3,7-ジメチルエチルオクタノ酸 ) と塩	172155-07-6, et. al.	PF-3,7-DMOA
<u>Perfluorinated carboxylic and sulfonic acids under observation / 監視対象 全フッ化のカルボン酸とスルホン酸</u>		
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	various	
<u>Perfluorinated sulfonic acids</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
Henicosaflluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
<u>Partially fluorinated carboxylic / sulfonic acids / 部分フッ化カルボン酸/スルホン酸</u>		
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
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
<u>PFOA related Substances / PFOA 関連物質</u>		
1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	8:2 FTA
1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts	39108-34-4, et. al.	8:2 FTS
<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
<u>Esters of fluorinated alcohols with acrylic acid / アクリル酸の付いたフッ化アルコールのエステル類</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



## Compilation of the individual substances for Annex 6 個々の物質のまとめ付属書 6

### 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

### 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

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
Acetophenone	98-86-2	2-Methoxyethylacetate	110-49-6
Benzene	71-43-2	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-propanol	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

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

### Heavy Metals / 重金属

Name / 名称	CAS-Nr.	Name / 名称	CAS-Nr.
Sb (Antimony)	7440-36-0, et. al.	Ni (Nickel)	7440-02-0, et. al.
As (Arsenic)	7440-38-2, et. al.	Hg (Mercury)	7439-97-6, et. al.
Pb (Lead)	7439-92-1, et. al.	Ba (Barium)	7440-39-3, et. al.
Cd (Cadmium)	7440-43-9, et. al.	Mn (Manganese)	7439-96-5, et. al.
Cr (Chromium)	7440-47-3, et. al.	Se (Selenium)	7782-49-2, et. al.
Co (Cobalt)	7440-48-4, et. al.	Zn (Zinc)	7440-66-6, et. al.
Cu (Copper)	7440-50-8, et. al.		