

6 Annex

付属書

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

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

The testing procedures are described in a separate document

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
pH value ¹	4.0 - 7.5	4.0 - 7.5	4.0 - 9.0	4.0 - 9.0
Formaldehyde, free and partially releasable [mg/kg]				
Law 112	n.d. ²	75	150	300

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 Calcium carbonate/carbonate or talc, which do not have directly contact to skin: 4.0 - 10.0; Exception for wet wipes, the accepted pH range is from 3.5 to 7.5 / ただし、加工時にウェットな状態で処理する必要がある製品については例外とする：4.0 - 10.5；発泡体の場合：4.0 - 9.0；直接肌に触れない、炭酸水素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）に対して：4.0 - 10.0；ウェットティッシュの例外として、許容される pH 範囲は 3.5 - 7.5 とする。

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. corresponds according to „Japanese Law 112“ test method with an absorbance unit less than 0.05 resp. 16 mg/kg



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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Extractable (heavy) metals [mg/kg] *				
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 ⁴	50.0 ⁴	50.0 ⁴	50.0 ⁴
Hg (Mercury)	0.02	0.02	0.02	0.02
Mn (Manganese)	90.0	90.0	90.0	90.0
Ni (Nickel) ⁵	1.0 ⁶	1.0 ⁷	1.0 ⁷	1.0 ⁷
Pb (Lead)	0.2	0.2 ³	0.2 ³	0.2 ³
Sb (Antimony)	30.0	30.0	30.0	30.0
Se (Selenium)	100	100	100	100
Zn (Zinc)	750	750	750	750

⁴ No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products / No requirement for accessories and yarns made from inorganic materials, respecting the requirements regarding biological active products

⁵ Including the requirement by REACH-Regulation Annex XVII, Entry 27 / Including the requirement by REACH-Regulation Annex XVII, Entry 27

⁶ For metallic accessories and metallized surfaces: 0.5 mg/kg / For metallic accessories and metallized surfaces: 0.5 mg/kg

⁷ For metallic accessories and metallized surfaces: 1.0 mg/kg / For metallic accessories and metallized surfaces: 1.0 mg/kg

³ For accessories made from glass: 0.1% / For accessories made from glass: 0.1%



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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

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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Heavy metals total content [mg/kg]				
As (Arsenic)	100	100	100	100
Cd (Cadmium)	40.0	40.0 ³	40.0 ³	40.0 ³
Hg (Mercury)	0.5	0.5	0.5	0.5
Pb (Lead) at metallic material	90.0	90.0 ³	90.0 ³	90.0 ³
Pb (Lead) at plastic, coatings etc.	75.0	75.0 ³	75.0 ³	75.0 ³
Pesticides [mg/kg]^{8 9}				
Sum ⁹	0.5	1.0	1.0	1.0
Glyphosate and salts for conventional cotton	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 ⁹		u.o. ¹⁰		
Chlorinated phenols [mg/kg]^{9*}				
Pentachlorophenol (PCP)	0.05	0.25	0.25	0.25
Tetrachlorophenols (TeCP), Sum	0.05	0.25	0.25	0.25
Trichlorophenols (TrCP), Sum	0.2	1.00	1.00	1.00
Dichlorophenols (DCP), Sum	0.50	1.00	1.00	1.00
Monochlorophenols (MCP), Sum	0.50	1.00	1.00	1.00
Plasticizer/Phthalates / Phthalates [mg/kg]^{11*}				
Each phthalate ⁹	100	100	100	100
Sum of all ⁹	250	250	250	250
Organic tin compounds [mg/kg]^{9*}				
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

³ For accessories made from glass: 0.1% / For accessories made from glass: 0.1%

⁸ For natural fibres only / For natural fibres only

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated / u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹¹ For coated articles, plastisol prints, flexible foams, and accessories made from plastics / For coated articles, plastisol prints, flexible foams, and accessories made from plastics



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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Other chemical residues				
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol / 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol[mg/kg]	1000	1000	1000	1000
Melamine / メラミン [mg/kg] ³⁰	1000	1000	1000	1000
Carcinogenic Arylamines [mg/kg] ^{9 12 13}	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
Arylamines under observation ⁹	u.o. ¹⁰			
Aniline [mg/kg] ^{9 14}	20	20	20	20
Benzene [mg/kg] ⁹	1.0	1.0	1.0	1.0
Bisphenol A [mg/kg] ⁹	100	100	100	100
Bisphenol B [mg/kg] ⁹	1000	1000	1000	1000
Bisphenol S / [mg/kg] ⁹	1000	1000	1000	1000
Diazene-1,2-dicarboxamide (ADCA) [mg/kg] ⁹	1000	1000	1000	1000
DMFu [mg/kg] ⁹	0.1	0.1	0.1	0.1
OPP [mg/kg] ⁹	10	10	10	10
Phenol [mg/kg] ⁹	20	50	50	50
Quinoline [mg/kg] ⁹	50	50	50	50
Glutaraldehyde / グルタルアルデヒド [mg/kg] ⁹	1000	1000	1000	1000
TCEP [mg/kg] ⁹	10	10	10	10
Chemical residues under observation / 監視対象 残留化学物質 ⁹	u.o. ¹⁰			

³⁰ There is a transition period for foams. If the foam contains more than 1000 mg/kg melmine, this must be stated on the certificate. / 発泡体については、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、証明書にその旨を記載する必要があります。

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

¹² For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines / For all materials containing polyurethane or other materials which may contain free carcinogenic arylamines

¹³ The sum of cleavable carcinogenic arylamine and if possible also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg / 開裂可能な発がん性アリールアミンと、可能であれば化学残留物として存在する遊離発がん性アリールアミンの合計も 20mg/kg でなければならない。

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated / u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹⁴ The sum of cleavable aniline and if possible also as chemical residue present free aniline has to be also 20 mg/kg / 開裂可能なアニリンと、可能であれば化学残留物として存在する遊離アニリンの合計も 20 mg/kg でなければならない。



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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Colourants / Colorants [mg/kg] *				
Allergens * ⁹	20	20	20	20
Carcinogens * ⁹	20	20	20	20
Cleavable arylamines under observation ^{9 13}	u.o. ¹⁰			
Cleavable carcinogenic arylamines * ^{9 13}	20	20	20	20
Colourants with ≥ 0.1% 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 ⁹	1000	1000	1000	1000
Navy Blue ⁹	no intentional use / 意図的使用なし			
Others * ⁹	20	20	20	20
cleavable Aniline ^{9 14}	20	20	20	20
Chlorinated benzenes and toluenes [mg/kg] ^{9*}				
Sum	1.0	1.0	1.0	1.0
Polycyclic aromatic hydrocarbons (PAHs) [mg/kg] ¹⁵				
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 ⁹	5.0	10.0	10.0	10.0
Biological active products				
	no intentional use / 意図的使用なし ¹⁶			
Flame retardant products*				
General	no intentional use / 意図的使用なし 10 mg/kg; each / 各 ^{16 17} Sum of all 50 mg/kg			

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

¹³ The sum of cleavable carcinogenic arylamine and if possible also as chemical residue present free carcinogenic (same) arylamine has to be also 20 mg/kg / 開裂可能な発がん性アールアミンと、可能であれば化学残留物として存在する遊離発がん性アールアミンの合計も 20mg/kg でなければならない。

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated / u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated

¹⁴ The sum of cleavable aniline and if possible also as chemical residue present free aniline has to be also 20 mg/kg / 開裂可能なアニリンと、可能であれば化学残留物として存在する遊離アニリンの合計も 20 mg/kg でなければならない。

¹⁵ For all synthetic fibres, yarns, or threads and for plastic materials / For all synthetic fibres, yarns, or threads and for plastic materials

¹⁶ 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 / 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

¹⁷ 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 / 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



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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Solvent residues [mg/kg] ^{9 18}				
DMAc ¹⁹	500 1000 ²⁰	500 1000 ²⁰	500 1000 ²⁰	500 1000 ²⁰
DMF ¹⁹	500 1000 ²⁰	500 1000 ²⁰	500 1000 ²⁰	500 1000 ²⁰
Formamide	200	200	200	200
NMP / NMP ¹⁹	500 1000 ²⁰	500 1000 ²⁰	500 1000 ²⁰	
Surfactant, wetting agent residues, alkyl phenols [mg/kg] ^{9*}				
BP, NP, OP, HpP, PeP, NP(EO), OP(EO); (Sum)	50.0	50.0	50.0	50.0
BP, NP, OP, HpP, PeP; (Sum)	5.0	5.0	5.0	5.0
PFC/PFAS, Per- and polyfluorinated compounds/Per- and polyfluoroalkylsubstances / Per- and polyfluorinated compounds/Per- and polyfluoroalkylsubstances ^{9 21*}				
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 [µg/kg]	25	25	25	25
PFOA related substances sum / PFOA related substances [µg/kg] ²²	250	250	250	250
PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; Sum [µg/m2]	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	u.o. ¹⁰			
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

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

¹⁸ For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production / For fibre, yarns, fabrics and coated articles (e.g. artificial leather) as well as foams (EVA, PVC), where solvents are used during production

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 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 %

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. / For materials made of acrylic (PAN), elastane (EL) / polyurethane, polyimide and aramides as well as coated (PU-, PVC-, PVC-plastisol-, PVDC-, PVC-copolymer) textiles / Für Materialien aus Polyacrylnitril (PAN), Elastan (EL).

²¹ For all materials with a water, soil or oil repellent finish or coating / For all materials with a water, soil or oil repellent finish or coating

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. / 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.

¹⁰ u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated / u.o. = under observation; substance is tested randomly and result provided for information purposes; presently not regulated



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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Organic fluorine content /				
Extractable organic fluorine (EOF) / [mg/kg] ³¹	10	10	10	10
UV stabilizers [mg/kg] ⁹				
UV 320	1000	1000	1000	1000
UV 327	1000	1000	1000	1000
UV 328	1000	1000	1000	1000
UV 350	1000	1000	1000	1000
Chlorinated paraffins ⁹				
Sum of SCCP and MCCP [mg/kg]	50	50	50	50
Siloxanes [mg/kg] ⁹				
Decamethylcyclopentasiloxane (D5)	1000	1000	1000	1000
Dodecamethylcyclohexasiloxane (D6)	1000	1000	1000	1000
Octamethylcyclotetrasiloxane (D4)	1000	1000	1000	1000
N-Nitrosamines; each [mg/kg] ⁹				
N-nitrosatable substances; Sum [mg/kg]	5	5	5	5
Chlorinated solvents [mg/kg] ^{9*}				
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-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 / Sum of the chlorinated solvents	5.0	5.0	5.0	5.0

³¹ The transition period for product classes II to IV ends on the 01.01.2024, there is no transition period for product class I. / 製品クラス II ~ IV は移行期間 2024 年末まで、製品クラス I には移行期間なし

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

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Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Other VOCs and glycols [mg/kg] ^{9 23*}				
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 / 1,2-Diethoxyethane	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 / 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 / refer to solvent residues			
Methylethylketone	10.0	10.0	10.0	10.0
Naphthalene	refer to corresponding entry at PAHs / refer to corresponding entry at PAHs			
N,N-Dimethylacetamide (DMAc)	refer to solvent residues			
N,N-Dimethylformamide (DMF)	refer to solvent residues			
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
Cresols [mg/kg] ⁹				
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)				
To water	3-4	3	3	3
To acidic perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To alkaline perspiration	3 - 4	3 - 4	3 - 4	3 - 4
To rubbing, dry ^{24 25}	4	4	4	4
To saliva and perspiration	fast			

⁹ The individual substances are listed in Annex 7 / The individual substances are listed in Annex 7

²³ 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。

²⁴ No requirements for 'wash-out' - articles / No requirements for 'wash-out' - articles

²⁵ For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable / For pigment, vat or sulphurous colourants a minimum grade of colour fastness to rubbing of 3 (dry) is acceptable



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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

The testing procedures are described in a separate document

Product Class	I Baby	II in direct contact with skin	III with no direct contact with skin	IV Decoration material
Emission of volatiles [mg/m³] ²⁶				
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	0.3	0.3	0.3	0.3
Organic volatiles	0.5	0.5	0.5	0.5
Organic cotton fibres and materials / Organic cotton fibres and materials ²⁷				
GMO Genetically modified organism / GMO 遺伝子組換え生物	no intentional use / 意図の使用なし	no intentional use / 意図の使用なし	no intentional use / 意図の使用なし	no intentional use / 意図の使用なし
GMO quantitative analysis / 遺伝子組換え生物(GMO)	10%	10%	10%	10%
Determination of odours				
General	no intentional use / 意図の使用なし ²⁸			
SNV 195 651 (Modified) ²⁶	3	3	3	3
Banned fibres				
Asbestos	no intentional use / 意図の使用なし			

²⁶ For textile carpets, mattresses as well as foams and large coated articles not being used for clothing / For textile carpets, mattresses as well as foams and large coated articles not being used for clothing

²⁷ Refer also to item 5.5. of this standard / Refer also to item 5.5. of this standard

²⁸ No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume / No odour from mould, high boiling fraction of petrol, fish, aromatic hydrocarbons or perfume



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

Pesticides

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
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, 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 / 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 / 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 / Dichlorophene	97-23-4	Phosphamidone	13171-21-6
Dicofol / Dicofol	115-32-2	Propethamphos	31218-83-4
Dichlorprop	120-36-5	Profenophos	41198-08-7
Dicrotophos	141-66-2	Silafluofen / 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 / DTTB	63405-99-2	Thiamethoxam	153719-23-4
Endosulfan	115-29-7	Tolyfluamide / Tolyfluamide	731-27-1
Endosulfan, α -	959-98-8	Toxaphene	8001-35-2
Endosulfan, β -	33213-65-9	Trifluralin	1582-09-8

Pesticides under observation

<u>Name</u>	<u>CAS-Nr.</u>
Metam-sodium	137-42-8

Glyphosate and salts

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

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</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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Plasticizer/Phthalates / Plasticizer/Phthalates

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

<u>Name</u>	<u>Acronym</u>	<u>Name</u>	<u>Acronym</u>
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	Tripropyltin	TPT
Monophenyltin	MPhT	Tetraocetyl tin	TeOT

Arylamines having carcinogenic properties, cleavable arylamines / Arylamines having carcinogenic properties, cleavable arylamines

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
<u>MAK III, category 1</u>		<u>MAK III, category 1</u>	
4-Aminobiphenyl	92-67-1	4-Chloro-o-toluidine	95-69-2
Benzidine	92-87-5	2-Naphthylamine	91-59-8
<u>MAK III, category 2</u>		<u>MAK III, category 2</u>	
o-Aminoazotoluene	97-56-3	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
2-Amino-4-nitrotoluene	99-55-8	4,4'-Oxydianiline	101-80-4
4-Chloroaniline	106-47-8	4,4'-Thiodianiline	139-65-1
2,4-Diaminoanisole	615-05-4	o-Toluidine	95-53-4
4,4'-Diaminodiphenylmethane	101-77-9	2,4-Toluenediamine	95-80-7
3,3'-Dichlorobenzidine	91-94-1	2,4,5-Trimethylaniline	137-17-7
3,3'-Dimethoxybenzidine	119-90-4	o-Anisidine (2-Methoxyaniline)	90-04-0
3,3'-Dimethylbenzidine	119-93-7	4-Aminoazobenzene	60-09-3
4,4'-Methylenedi-o-toluidine	838-88-0	2,4-Xylidine	95-68-1
p-Cresidine (6-Methoxy-m-toluidine)	120-71-8	2,6-Xylidine	87-62-7

Other Arylamines, cleavable arylamines; amine salts

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
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 / 4-Ethoxyaniline / p-phenetidine	156-43-4
2-Naphthylammoniumacetate	553-00-4	3,3-Diaminobenzidin / 3,3-Diaminobenzidin	91-95-2



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Arylamines under observation

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
2-amino-5-nitrothiazole	121-66-4	p-anisidine	20265-97-8

Dyestuffs and pigments classified as carcinogenic

<u>C.I. Generic Name</u>	<u>C.I. Structure number</u>	<u>CAS-Nr.</u>
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. 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

Colourants with ≥ 0.1% 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

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	C.I. Solvent Blue 4	6786-83-0



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Dyestuffs classified as allergenic

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



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Other banned dyestuffs

<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)		

Chlorinated benzenes and toluenes

<u>Name / 名称</u>	<u>CAS-Nr.</u>	<u>Name / 名称</u>	<u>CAS-Nr.</u>
<u>Chlorobenzenes</u>		<u>Chlorobenzenes</u>	
Chlorobenzene /	108-90-7	Dichlorobenzenes	25321-22-6
1,2-Dichlorobenzene / 1,2-Dichlorobenzene	95-50-1	1,3-Dichlorobenzene	541-73-1
1,4-Dichlorobenzene / 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 /</u>		<u>Chlorotoluenes /</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 (PAHs)

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

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
1,1'-[ethane-1,2-diylbisoxo]bis[2,4,6-tribromobenzene] / 1,1'-[ethane-1,2-diylbisoxo]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 / 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romo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	
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	DiBB
Dibromodiphenylethers	various	DiBDEs
Disodium octaborate	12008-41-2	
Disodium tetraborate / Disodium tetraborate	1303-96-4, 1330-43-4, 12179-04-3	
Heptabromobiphenyls	various	HeptaBB
Heptabromodiphenylethers	various, 68928-80-3	HeptaBDEs
Hexabromobiphenyls	various	HexaBB
Hexabromocyclododecane and all main diastereomeres identified (alpha-, beta-, gamma-) / Hexabromocyclododecane and all main diastereomeres 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	MonoBB
Monobromodiphenylethers	various	MonoBDEs
Nonabromobiphenyls	various	NonaBB
Nonabromodiphenylethers	various, 63936-56-1	NonaBDEs
Octabromobiphenyls	various	OctaBB
Octabromodiphenylethers	various, 32536-52-0	OctaBDEs
Pentabromobiphenyls	various	PentaBB
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	TetraBB
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	TriBB
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

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

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

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</u>
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol / 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	
Bisphenol S (4,4'-Sulfonyldiphenol) / Bisphenol S (4,4'-Sulfonyldiphenol)	80-09-1	
Melamine / メラミン	108-78-1	
Aniline	62-53-3	
Benzene	71-43-2	
Bisphenol A (4,4'-Isopropylidenediphenol) / Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	BPA
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)	77-40-7	BPB
Diazene-1,2-dicarboxamide	123-77-3	ADCA
Dimethylfumarate	624-49-7	DMFu
Glutaraldehyde	111-30-8	
2-Mercaptobenzothiazol / 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 / 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

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

UV stabilizers

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

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

Siloxanes

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



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PFC/PFAS, Per- and polyfluorinated compounds/Per- and polyfluoroalkylsubstances / PFCs, Per- and polyfluorinated compounds

<u>Name</u>	<u>CAS-Nr.</u>	<u>Acronym</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
Perfluoroheptanoic acid and salts / Perfluoroheptanoic acid and salts	375-85-9, et. al.	PFHpA
Perfluorooctanoic acid and salts / Perfluorooctanoic acid and salts	335-67-1, et. al.	PFOA
Perfluorononanoic acid and salts / Perfluorononanoic acid and salts	375-95-1, et. al.	PFNA
Perfluorodecanoic acid and salts / Perfluorodecanoic acid and salts	335-76-2, et. al.	PFDA
Henicosafluoroundecanoic acid and salts / Henicosafluoroundecanoic acid and salts	2058-94-8, et. al.	PFUdA
Tricosafluorododecanoic acid and salts / Tricosafluorododecanoic acid and salts	307-55-1, et. al.	PFDoA
Pentacosafluorotridecanoic acid and salts / Pentacosafluorotridecanoic acid and salts	72629-94-8, et. al.	PFTrDA
Heptacosafluorotetradecanoic acid and salts / Heptacosafluorotetradecanoic acid and salts	376-06-7, et. al.	PFTeDA
<u>Others</u>		
<u>Further Perfluorinated carboxylic acids</u>		
Perfluorobutanoic acid and salts / Perfluorobutanoic acid and salts	375-22-4, et. al.	PFBA
Perfluoropentanoic acid and salts / Perfluoropentanoic acid and salts	2706-90-3, et. al.	PFPeA
Perfluorohexanoic acid and salts / Perfluorohexanoic acid and salts	307-24-4, et. al.	PFHxA
Perfluoro(3,7-dimethyloctanoic acid) and salts / Perfluoro(3,7-dimethyloctanoic acid) and salts	172155-07-6, et. al.	PF-3,7-DMOA
<u>Perfluorinated carboxylic and sulfonic acids under observation</u>		
2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and its acyl halides	various	
<u>Perfluorinated sulfonic acids</u>		
Perfluorobutane sulfonic acid and salts / 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
Henicosafluorodecane sulfonic acid and salts	335-77-3, et. al.	PFDS
<u>Partially fluorinated carboxylic / sulfonic acids</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.	4HPFUa
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts / 1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	27619-97-2, et. al.	6:2 FTS
<u>PFOA related Substances /</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 / Partially fluorinated linear alcohols</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</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



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Chlorinated solvents

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

<u>Name</u>	<u>CAS-Nr.</u>	<u>Name</u>	<u>CAS-Nr.</u>
Acetophenone	98-86-2	2-Methoxypropanol	1589-47-5
Benzene	71-43-2	2-Methoxypropylacetate	70657-70-4
Bis(2-methoxyethyl)ether	111-96-6	Methylethylketone	78-93-3
Cyclohexanone	108-94-1	Naphthalene	91-20-3
1,2-Diethoxyethane / 1,2-Diethoxyethan	629-14-1	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)
2-Methoxyethylacetate	110-49-6		

Cresols

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

Heavy Metals

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