

Apparel and Hometextile

Scope: EU (incl. CH & NO)

CAS No.	Substance	Standard 100 by OEKO-TEX® Annex 4 (Edition 01.2022) Product Class I and II	Legal Regulations Europe		SVHC-List	GOTS 6.0		National Regulations Europe	
			limit values [mg/kg]	limit values [mg/kg] Scope		Goods	Additional fibre material Accessories	limit values [mg/kg]	Scope
Alkylphenols and Alkylphenoethoxylates									
98-54-4	4-tert-Butylphenol (BP)	Sum < 10	Sum < 100	-	-	-	-	-	-
various	Heptylphenol (HpP)								
various	Pentylphenol (PeP)								
104-40-5	Nonylphenol (NP) mixed isomers								
11066-49-2									
25154-52-3									
84852-15-3									
140-66-9	Octylphenol (OP) mixed isomers								
1806-26-4									
27193-28-8									
9002-93-1	Octylphenol Ethoxylates (OPEO)								
9036-19-5									
68987-90-6									
9016-45-9	Nonylphenol Ethoxylates (NPEO)	-	-	< 100	textiles, which will be washed with water in their live cycle	-	-	100	CH: 100
26027-38-3									
37205-87-1									
68412-54-4									
127087-87-0									
Arylamines (Cleavable from azo dyes or in freely available form)									
92-67-1	4-Aminodiphenyl	each < 20	each 30	-	-	-	-	-	-
92-87-5	Benzidine								
95-69-2	4-Chloro-o-Toluidine								
91-59-8	2-Naphthylamine								
97-56-3	o-Aminoazotoluene								
99-55-8	2-Amino-4-Nitrotoluene								
106-47-8	p-Chloroaniline								
615-05-4	2,4-Diaminoanisole								
101-77-9	4,4'-Diaminodiphenylmethane								
91-94-1	3,3'-Dichlorobenzidine								
119-90-4	3,3'-Dimethoxybenzidine								
119-93-7	3,3'-Dimethylbenzidine								
838-88-0	3,3'-Dimethyl-4,4' diaminophenylmethane								
120-71-8	p-Cresidine								
101-14-4	4,4'-Methylene-Bis(2-Chloroaniline)								
101-80-4	4,4'-Oxydianiline								
139-65-1	4,4'-Thiodianiline								
95-53-4	o-Toluidine								
95-80-7	2,4-Toluylenediamine								
137-17-7	2,4,5-Trimethylaniline								
90-04-0	o-Anisidine								
60-09-3	p-Aminoazobenzene								
95-68-1	2,4-Xylydine								
87-62-7	2,6-Xylydine								
62-53-3	Aniline	< 50 baby: < 20	-	-	-	-	-	< 100 (only freely available form)	< 50 baby: < 20
3165-93-3	4-Chloro-o-Toluidinium chloride	each < 20	each 30	-	-	-	-	-	-
553-00-4	2-Naphthylammoniumacetate								
39156-41-7	4-Methoxy-m-phenylene diammonium sulphate								
21436-97-5	2,4,5-Trimethylaniline hydrochloride								
<p>textile and leather products, which may come into direct and prolonged contact with the human skin or oral cavity, such as: + clothing, bedding, towels, hairpieces, wigs, hats, nappies and other sanitary items, sleeping bags, + footwear, gloves, wristwatch straps, handbags, purses/ wallets, briefcases, chair covers, purses worn round the neck, - textile or leather toys and toys which include textile or leather garments, - yarn and fabrics intended for use by the final consumer</p> <p>clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear</p> <p>not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...</p>									

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Carcinogenic Dyes											
1937-37-7	C.I. Direct Black 38	each < 50	-	-	each 0,1% (= 1000)	-	-	-	-	-	
573-58-0	C.I. Direct Red 28		-	-	-	-	-	-	-	-	
82-28-0	C.I. Disperse Orange 11		-	-	-	-	-	-	-	-	
2602-46-2	C.I. Direct Blue 6		-	-	-	-	-	-	-	-	
3761-53-3	C.I. Acid Red 26		-	-	-	-	-	-	-	-	
569-61-9	C.I. Basic Red 9		< 50	-	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	-	-	-	CZ: toys and children products (< 3 years) CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	
632-99-5	C.I. Basic Violet 14		-	-	-	-	-	-	-	-	
2475-45-8	C.I. Disperse Blue 1 (see also allergenic disperse dyes)		< 50	-	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	each < 30	-	each < 30	-	CZ: toys and children products (< 3 years) CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	
2475-46-9	C.I. Disperse Blue 3 (see also allergenic disperse dyes)		-	-	-	-	-	-	-	-	
6250-23-3	C.I. Disperse Yellow 23		-	-	-	-	-	-	-	-	
85136-74-9	C.I. Disperse Orange 149		-	-	-	-	-	-	-	-	
2580-56-5	C.I. Basic Blue 26		-	-	-	0,1% (= 1000 mg/kg)	-	-	-	-	
2437-29-8	-		-	-	-	-	-	-	-	-	
569-64-2	C.I. Basic Green 4		-	-	-	-	-	-	-	-	
10309-95-2	-		-	-	-	-	-	-	-	-	
548-62-9	C.I. Basic Violet 3	< 50	-	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	0,1% (= 1000 mg/kg)	-	-	-	CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...		
60-09-3	C.I. Solvent Yellow 1	-	see azo dyes (4-Aminoazobenzene)	-	0,1% (= 1000 mg/kg)	-	-	-	CZ: toys and children products (< 3 years)		
97-56-3	C.I. Solvent Yellow 3	-	see azo dyes (o-Aminoazotoluene)	-	0,1% (= 1000 mg/kg)	-	-	-	-		
16071-86-6	C.I. Direct Brown 95	-	-	-	-	-	-	-	-		
2429-74-5	C.I. Direct Blue 15	-	-	-	-	-	-	-	-		
6459-94-5	C.I. Acid Red 114	-	-	-	-	-	-	-	-		
12656-85-8	C.I. Pigment Red 104	-	-	-	each 0,1% (= 1000 mg/kg)	-	-	-	-		
1344-37-2	C.I. Pigment Yellow 34	-	-	-	-	-	-	-	-		
-	Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)	not used	-	-	-	-	-	-	-		
2832-40-8	C.I. Disperse Yellow 3 (see also allergenic disperse dyes)	< 50	-	-	-	< 30	< 30	-	-		
561-41-1	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	each 1000	-	-	each 0,1% (= 1000 mg/kg)	-	-	-	-		
6786-83-0	C.I. Solvent Blue 4	-	-	-	-	-	-	-	-		
60-11-7	Solvent Yellow 2	-	-	-	-	-	-	CZ: toys and children products (< 3 years)	-		

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							limit values [mg/kg]	limit values [mg/kg]		
Allergenic Disperse Dyes										
119-15-3	Disperse Yellow 1	each < 50	-	-						
12222-97-8	Disperse Blue 102		-	-						
12223-01-7	Disperse Blue 106		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
12236-29-2	Disperse Yellow 39		-	-						
13301-61-6	Disperse Orange 37/59/76		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
23355-64-8	Disperse Brown 1		-	-						
2475-45-8	Disperse Blue 1 (see carcinogenic dyes)		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
2475-46-9	Disperse Blue 3 (see carcinogenic dyes)		-	-						
2581-69-3	Disperse Orange 1		-	-						
2832-40-8	Disperse Yellow 3 (see also carcinogenic dyes)		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
2872-48-2	Disperse Red 11		-	-						
2872-52-8	Disperse Red 1		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
3179-89-3	Disperse Red 17		-	-						
3179-90-6	Disperse Blue 7		-	-						
3860-63-7	Disperse Blue 26		-	-						
54824-37-2	Disperse Yellow 49		-	-						
12222-75-2	Disperse Blue 35		-	-						
61951-51-7	Disperse Blue 124		each < 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
6373-73-5	Disperse Yellow 9		-	-						
730-40-5	Disperse Orange 3		< 5 mg/L (= 75 mg/kg)	BFR-Recommendation: all textiles						
70210-08-1	Disperse Red 151	-	-							
54077-16-6	Disperse Yellow 56	-	-							
6300-37-4	Disperse Yellow 7	-	-							
7576-65-0	Disperse Yellow 54	-	-							
52697-38-8	Disperse Violet 93	-	-							
128-95-0	Disperse Violet 1	-	-							
56548-64-2	Disperse Blue 291	-	-							
Chlorobenzenes and Chlortoluenes										
108-90-7	Monochlorobenzene	Sum < 1,0	-	-						
95-50-1	1,2-dichlorobenzene		-	-						
541-73-1	1,3-dichlorobenzene		-	-						
106-46-7	1,4-dichlorobenzene		-	-						
87-61-6	1,2,3-trichlorobenzene		-	-						
120-82-1	1,2,4-trichlorobenzene		-	-						
108-70-3	1,3,5-trichlorobenzene		-	-						
634-66-2	1,2,3,4-tetrachlorobenzene		-	-						
634-90-2	1,2,3,5-tetrachlorobenzene		-	-						
95-94-3	1,2,4,5-tetrachlorobenzene		-	-						
608-93-5	Pentachlorobenzene		n.d. (unintentional traces)	all articles						
118-74-1	Hexachlorobenzene		-	-						
95-49-8	2-chlorotoluene		-	-						
108-41-8	3-chlorotoluene		-	-						
106-43-4	4-chlorotoluene		-	-						
32768-54-0	2,3-dichlorotoluene		-	-						
95-73-8	2,4-dichlorotoluene		-	-						
19398-61-9	2,5-dichlorotoluene		-	-						
118-69-4	2,6-dichlorotoluene		-	-						
95-75-0	3,4-dichlorotoluene		-	-						
25186-47-4	3,5-dichlorotoluene	-	-							
7359-72-0	2,3,4-trichlorotoluene	-	-							
56961-86-5	2,3,5-trichlorotoluene	-	-							
2077-46-5	2,3,6-trichlorotoluene	-	-							
6639-30-1	2,4,5-trichlorotoluene	-	-							
23749-65-7	2,4,6-trichlorotoluene	-	-							
21472-86-6	3,4,5-trichlorotoluene	-	-							
877-11-2	2,3,4,5,6-pentachlorotoluene	-	-							
94-99-5	α,2,4-trichlorotoluene	-	-							

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							limit values [mg/kg]	limit values [mg/kg]				
2014-83-7	α,2,6-trichlorotoluene	Sum < 1,0	-	-	-	-	-	-	-	-	-	
102-47-6	α,3,4-trichlorotoluene											
81-19-6	α,α,2,6-tetrachlorotoluene											
2136-89-2	α, α, α, 2-tetrachlorotoluene											
1006-32-2	2,3,4,5-tetrachlorotoluene											
875-40-1	2,3,4,6-tetrachlorotoluene											
1006-31-1	2,3,5,6-tetrachlorotoluene											
5216-25-1	α, α, α, 4-tetrachlorotoluene	each < 1,0	-	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear	-	-	Sum < 1,0	Sum < 1,0	-	-	CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	
98-07-7	α,α,α-trichlorotoluene											
100-44-7	α-chlorotoluene											
Chlorophenols												
87-86-5	Pentachlorophenol (PCP)	< 0,5 baby: < 0,05	5,0	all articles	-	-	< 0,01	< 0,5 baby: < 0,05	CH: n.d. (unintentional traces) SK: 0,5*/**, 5,0***	CH: all products SK: *textiles with skin contact, ** leather with skin contact (< 3 years), *** leather with skin contact		
4901-51-3	2,3,4,5-Tetrachlorophenol	Sum < 0,5	-	-	-	-	-	-	-	-	-	
58-90-2	2,3,4,6-Tetrachlorophenol	baby: Sum < 0,05										
935-95-5	2,3,5,6-Tetrachlorophenol											
88-06-2	2,4,6-Trichlorophenol	Sum < 2,0 baby: Sum < 0,2										
15950-66-0	2,3,4-Trichlorophenol											
933-78-8	2,3,5-Trichlorophenol											
933-75-5	2,3,6-Trichlorophenol											
95-95-4	2,4,5-Trichlorophenol											
609-19-8	3,4,5-Trichlorophenol											
576-24-9	2,3-Dichlorophenol	Sum < 3,0 baby: Sum < 0,5										
120-83-2	2,4-Dichlorophenol											
583-78-8	2,5-Dichlorophenol											
87-65-0	2,6-Dichlorophenol											
95-77-2	3,4-Dichlorophenol											
591-35-5	3,5-Dichlorophenol											
95-57-8	2-Chlorophenol											
108-43-0	3-Chlorophenol											
106-48-9	4-Chlorophenol	baby: Sum < 0,5										
Heavy Metals (total content)												
7440-36-0	Antimony (Sb)	-	-	-	-	-	-	-	-	-	-	
7440-38-2	Arsenic (As)	< 100	-	-	-	-	-	-	-	-	-	
7440-43-9	Cadmium (Cd)	< 40	synthetic materials and jewelry: < 100 coated articles: < 1000	-	each 0,1 % (= 1000 mg/kg)	-	< 45	< 40	CH: n.d. *, 100 ** DK: 75	CH: * surface coating on metal, ** paint and varnishes on products; metal with skin contact DK: all products, containing Cadmium as pigment, stabilizer or surface treatment		
7440-48-4	Cobalt (Co)	-	-	-	-	-	-	-	-	-		
7439-92-1	Lead (Pb)	< 90	< 500	jewelry/ bracelets/ studs and parts which can be placed in the mouth (dimension < 5 cm)	-	-	< 50	< 90	CH: 100 *, 500 ** DK: 100	CH: *paint and varnishes on products, ** products mouthable by children DK: all products, that are not covered by Reach Annex XVII		
7439-97-6	Mercury (Hg)	< 0,5	100	all articles	-	-	-	-	CH, DK: 100 SE: n.d.	CH, DK: all products SE: products in which mercury was used or intentionally added		

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Heavy Metals (extractable)									
7440-36-0	Antimony (Sb)	< 30	-	-	-	-	< 30 (for PES fibres)	SK: 30	SK: garments and products made out of textiles or textiles & leather with direct skin contact
7440-38-2	Arsenic (As)	-	-	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear	-	each < 0,2	-	SK: 1,0 *, 0,2 **	SK: *textiles, ** textiles (children < 3 years), leather
7439-92-1	Lead (Pb)	< 1,0 baby: < 0,2	each < 1,0	not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	each 0,1% (= 1000 mg/kg)	-	each < 1,0 baby: each < 0,2	SK: 1,0*, 0,2**, 0,8***	CZ: 0,2 SK: *textiles, ** textiles (children < 3 years), ***leather
7440-43-9	Cadmium (Cd)	< 0,1	-	-	-	< 0,1	< 0,1	SK, CZ: 0,1	CZ: textiles, leather, plastic (toys and children products (< 3 years)) SK: textiles and leather
7440-47-3	Chromium (Cr)	< 2,0 baby: < 1,0	-	-	-	each < 1,0	< 2,0 baby: 1,0	SK: 2,0*, 1,0**, 50***, 200****	SK: *textiles, ** textiles (children < 3 years) ***leather (children < 3 years), ****leather
7440-48-4	Cobalt (Co)	< 4 baby: < 1,0	-	-	-	-	< 4,0 baby: < 1,0	SK: 4,0*, 1,0**	CZ: 1,0 SK: *textiles, ** textiles (children < 3 years)
7440-50-8	Copper (Cu)	< 50 baby: < 25	-	-	-	< 25	< 50 baby: < 25	SK: 50*, 25**	SK: *textiles, ** textiles (children < 3 years)
7439-97-6	Mercury (Hg)	< 0,02	-	-	-	< 0,02	< 0,02	SK, CZ: 0,02	CZ: textiles, leather, plastic (toys and children products (< 3 years)) SK: textiles and leather
7782-49-2	Selenium (Se)	< 100	-	-	-	< 0,2	-	-	-
7440-39-3	Barium (Ba)	< 1000	-	-	-	< 1000	-	-	-
7440-31-5	Tin (Sn)	-	-	-	-	< 2,0	-	-	-
7439-96-5	Manganese (Mn)	-	-	-	-	< 90	-	-	-
7440-66-6	Zinc (Zn)	-	-	-	-	< 750	-	-	-
7440-02-0	Nickel (Ni)	< 4,0 baby: < 1,0	-	articles intended to come into direct and prolonged contact with the skin such as: necklaces, bracelets and chains, anklets, finger rings, wrist-watch cases, watch straps and tighteners, rivet buttons, tighteners, rivets, zippers and metal marks	-	< 1,0	< 4,0 baby: < 1,0	SK: 4,0*, 1,0**	SK: *textiles, ** textiles (children < 3 years)
-	-	-	0,5 µg/cm²/week	-	-	-	-	CZ: 1,0	CZ: textiles, leather, plastic (toys and children products (< 3 years))
-	-	-	-	-	-	-	-	CH: 0,5 µg/cm²/week	CH: articles intended to come into direct and prolonged contact with the skin such as: necklaces, bracelets and chains, anklets, finger rings, wrist-watch cases, watch straps and tighteners, rivet buttons, tighteners, rivets, zippers and metal marks
18540-29-9	Chromium VI (Cr VI)	Textiles: < 0,5 Leather: < 3,0	Textiles (see scope): < 1,0 Leather (skin contact): < 3,0	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	< 0,5	< 0,5	CH: n.d. (< 3,0)*, < 1,0** SK, CZ: n.d. (< 3,0)	CH: *leather, **clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ... SK: leather CZ: textiles, plastic (toys and children products (< 3 years))

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Organotin Compounds											
Multiple	Monomethyltin (MMT)	each < 2,0	-	-	-	-	-	-	-	-	-
Multiple	Monobutyltin (MBT)	baby: each < 1,0	-	-	-	-	-	-	-	-	-
Multiple	Monoctyltin (MOT)	-	-	-	-	-	-	-	-	-	-
Multiple	Dimethyltin (DMT)	-	-	-	-	-	-	-	-	-	-
Multiple	Dibutyltin (DBT)	each < 2,0 baby: each < 1,0	-	-	-	DBTC: 0,1 % (= 1000 mg/kg)	-	each < 2,0 baby: < 1,0	-	-	-
Multiple	Dioctyltin (DOT)	-	each 0,1 % tin (= 1000 mg/kg)	all articles	-	DOTe and Dioctyltin dilaurate: 0,1 % (= 1000 mg/kg)	each < 0,05	-	-	CH: each 0,1 % tin (= 1000 mg/kg)	CH: all articles
Multiple	Diphenyltin (DPHT)	each < 2,0	-	-	-	-	-	-	-	-	-
Multiple	Trimethyltin (TMT)	baby: each < 1,0	-	-	-	-	-	-	-	-	-
Multiple	Tributyltin (TBT)	each < 1,0 baby: each < 0,5	-	-	-	TBTO: 0,1 % (= 1000 mg/kg)	each < 0,05	each < 1,0 baby: each < 0,5	-	-	-
Multiple	Triphenyltin (TPHT)	-	Sum 0,1 % tin (= 1000 mg/kg)	all articles	-	-	-	-	-	CH: Sum 0,1 % tin (= 1000 mg/kg)	CH: all articles
Multiple	Trioctyltin (TOT)	-	-	-	-	-	-	-	-	-	-
Multiple	Tripropyltin (TPT)	-	-	-	-	-	-	-	-	-	-
Multiple	Tricyclohexyltin (TCyHT)	-	-	-	-	-	-	-	-	-	-
Multiple	Tetrabutyltin (TeBT)	each < 2,0	-	-	-	-	-	each < 2,0 baby: < 1,0	-	-	-
Multiple	Monophenyltin (MPHT)	baby: each < 1,0	-	-	-	-	-	-	-	-	-
Multiple	Dipropyltin (DPT)	-	-	-	-	-	-	-	-	-	-
Multiple	Tetraethyltin (TeET)	-	-	-	-	-	-	-	-	-	-
Multiple	Tetraoctyltin (TeOT)	-	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons (PAH)											
120-12-7	Anthracene	-	-	-	-	each 0,1 % (= 1000 mg/kg)	-	-	-	-	-
129-00-0	Pyrene	-	-	-	-	-	-	-	-	-	-
191-24-2	Benzo[ghi]perylene	-	-	-	-	0,1 % (= 1000 mg/kg)	-	-	-	-	-
193-39-5	Indeno[1,2,3-cd]pyrene	-	-	-	-	-	-	-	-	-	-
206-44-0	Fluoranthene	-	-	-	-	0,1 % (= 1000 mg/kg)	-	-	-	-	-
208-96-8	Acenaphthylene	-	-	-	-	-	-	-	-	-	-
83-32-9	Acenaphthene	-	-	-	-	-	-	-	-	-	-
85-01-8	Phenanthrene	-	-	-	-	0,1 % (= 1000 mg/kg)	-	-	-	-	-
86-73-7	Fluorene	-	-	-	-	-	-	-	-	-	-
91-20-3	Naphthalene	-	-	-	-	-	-	-	-	-	-
27208-37-3	Cyclopenta[c,d]pyrene	-	-	-	-	-	-	-	-	-	-
2381-21-7	1-Methylpyrene	-	-	-	-	-	-	-	-	-	-
192-65-4	Dibenzo[a,e]pyrene	-	Sum < 10,0 baby: Sum < 5,0	-	-	-	-	-	-	-	-
189-64-0	Dibenzo[a,h]pyrene	-	-	-	-	-	-	-	-	-	-
189-55-9	Dibenzo[a,i]pyrene	-	-	-	-	-	-	-	-	-	-
191-30-0	Dibenzo[a,l]pyrene	-	-	-	-	-	-	-	-	-	-
50-32-8	Benzo[a]pyrene (BaP)	-	-	-	-	-	-	-	-	-	-
207-08-9	Benzo[k]fluoranthene	-	-	-	-	each 0,1 % (= 1000 mg/kg)	-	-	-	-	-
205-82-3	Benzo[j]fluoranthene	-	-	-	-	-	-	-	-	-	-
205-99-2	Benzo[b]fluoranthene	each < 1,0	-	rubber or plastic components with skin contact each 1 mg/kg	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear	-	-	-	-	-	-
192-97-2	Benzo[e]pyrene	baby: each < 0,5	-	toys, childcare articles, skin contact each 0,5 mg/kg	not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	each < 0,5	-	-	CH: each 0,5*, each 1,0** / ***	CH: *childrens products (< 3 years), **all articles (component with skin contact), ***clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...
218-01-9	Chrysene	-	-	-	-	0,1 % (= 1000 mg/kg)	-	-	-	-	-
53-70-3	Dibenzo[a,h]anthracene	-	-	see scope	-	-	-	-	-	-	-
56-55-3	Benzo[a]anthracene	-	-	each < 1 mg/kg	-	0,1 % (= 1000 mg/kg)	-	-	-	-	-

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		limit values [mg/kg]	limit values [mg/kg]		Scope	limit value		limit values [mg/kg]
Perfluorinated and Polyfluorinated Chemicals (PFC)								
335-67-1, et. al.	Perfluorooctanoic acid and salts (PFOA)	< 25 µg/kg	PFOA: < 25 µg/kg	all articles		< 1,0 µg/m ²	CH: < 25 µg/kg	CH: all articles
2058-94-8, et. al.	Henicosafuoroundecanoic acid and salts (PFUDA)	each < 0,1 baby: each < 0,05	From Feb. 2023 C9-C14-PFCA: Sum < 25 µg/kg	all articles	each 0,1 % (= 1000 mg/kg)		CH: From Oct. 2022 C9-C14-PFCA: Sum < 25 µg/kg	CH: all articles
307-55-1, et. al.	Tricosafuorododecanoic acid and salts (PFDoA)							
72629-94-8, et. al.	Pentacosafuorotridecanoic acid and salts (PFTrDA)							
376-06-7, et. al.	Heptacosafuorotetradecanoic acid and salts (PFTeDA)							
375-95-1, et. al.	Perfluorononanoic acid and salts (PFNA)							
335-76-2, et. al.	Perfluorododecanoic acid and salts (PFDA)							
375-85-9, et. al.	Perfluoroheptanoic acid and salts (PFHpA)							
1763-23-1, et. al.	Perfluorooctane sulfonic acid and sulfonates (PFOS)	Sum < 1,0 µg/m ²	Sum < 1,0 µg/m ²	textiles or coated materials		< 1,0 µg/m ²	CH: Sum < 1,0 µg/m ²	CH: all articles
307-35-7	Perfluorooctane sulfonfluoride (PFOSF)							
754-91-6	Perfluorooctane sulfonamide (PFOSA)							
31506-32-8	N-Methyl perfluorooctane sulfonamide (N-Me-FOSA)							
4151-50-2	N-Ethyl perfluorooctane sulfonamide (N-Et-FOSA)							
24448-09-7	N-Methyl perfluorooctane sulfonamide ethanol (N-Me-FOSE alcohol)							
1691-99-2	N-Ethyl perfluorooctane sulfonamide ethanol (N-Et-FOSE alcohol)							
375-22-4	Perfluorobutanoic acid and salts (PFBA)							
2706-90-3	Perfluoropentanoic acid and salts (PFPeA)							
307-24-4	Perfluorohexanoic acid and salts (PFHxA)							
375-73-5	Perfluorobutane sulfonic acid and salts (PFBS)	baby: each < 0,05			0,1 % (= 1000 mg/kg)		CH: From Oct. 2022 < 25 µg/kg	CH: all articles
355-46-4	Perfluorohexane sulfonic acid and salts (PFHxS)							
375-92-8	Perfluoroheptane sulfonic acid and salts (PFHpS)							
1546-95-8	7H-Perfluoro heptanoic acid and salts (7HPHpA)							
27619-97-2	1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts (1H,1H,2H,2H-PFOS)							
2043-47-2	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)							
647-42-7	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)							
17527-29-6	1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)							
172155-07-6	Perfluoro(3,7-dimethyloctanoic acid) and salts (PF-3,7-DMOA)							
335-77-3	Henicosafuorodecane sulfonic acid and salts (PFDS)							
34598-33-9	2H,2H,3H,3H-Perfluoroundecanoic acid and salts (4HPFUnA)							
678-39-7	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)							
865-86-1	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)							
27905-45-9	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)							
17741-60-5	1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)							
678-39-7	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	Sum < 1,0	PFOA-related substances: Sum 1	all articles			CH: PFOA-related substances: Sum 1	CH: all articles
27905-45-9	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)							
39108-34-4	1H, 1H, 2H, 2H-Perfluorodecanesulphonic acid and salts (8:2 FTS)		From Feb 2023 C9-C14-PFCA related substances: Sum 260 µg/kg				CH: From Oct. 2022 C9-C14-PFCA related substances: Sum 260 µg/kg	

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			limit values [mg/kg]	limit values [mg/kg]		Scope	limit value	Goods	Additional fibre material Accessories	limit values [mg/kg]	Scope
Phthalates											
117-81-7	Di(ethylhexyl) phthalate (DEHP)	Sum < 500	Sum < 0,1 % (= 1000 mg/kg)	plasticised materials in all articles	each 0,1 % (= 1000 mg/kg)	-	Sum < 100	Sum < 500	CH: Sum < 0,1 % (= 1000 mg/kg)	CH: plasticised materials in all articles	
84-74-2	Di-butylphthalate (DBP)										
85-68-7	Butyl benzyl phthalate (BBP)										
84-69-5	Di-iso-butylphthalate (DIBP)										
117-84-0	Di-n-octylphthalate (DNOP)										
26761-40-0	Di-iso-decylphthalate (DIDP)										
28553-12-0	Di-iso-nonylphthalate (DINP)										
84-75-3	Di-n-hexylphthalate (DnHP)										
117-82-8	Bis(2-methoxyethyl) phthalate (DMEP)										
71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)										
131-18-0	Di-pentylphthalate (DPP), (n- (DnPP), iso (DiPP) or mixed)										
605-50-5											
776297-69-9											
84777-06-0											
68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)										
68515-50-4	Di-hexylphthalate, branched and linear (DHxP)										
84-61-7	Di-cyclohexylphthalate (DCHP)										
71850-09-4	Di-iso-hexylphthalate (DIHxP)										
84-66-2	Di-ethylphthalate (DEP)										
131-16-8	Di-n-propylphthalate (DPRP)										
131-11-3	Di-methylphthalate (DMP)										
27554-26-3	Di-iso-octylphthalate (DIOp)										
68515-51-5	1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters										
68648-93-1	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters										
84-76-4	Di-nonylphthalate (DNP)										
Volatile Organic Compounds (VOC) [Extraction]											
107-06-2	1,2-Dichloroethane	-	-	-	each 0,1 % (= 1000 mg/kg)	-	-	-	-	-	
79-01-6	Trichloroethylene										
75-09-2	Dichloromethane										
75-34-3	1,1-Dichloroethane										
75-35-4	1,1-Dichloroethylene										
67-66-3	Chloroform										
79-00-5	1,1,2-Trichloroethane										
71-55-6	1,1,1-Trichloroethane										
56-23-5	Tetrachloromethane										
630-20-6	1,1,1,2-Tetrachloroethane										
79-34-5	1,1,2,2-Tetrachloroethane										
127-18-4	Perchloroethylene										
76-01-7	Pentachloroethane										
540-59-0	1,2-Dichloroethylene										
156-59-2											
156-60-5											
111-96-6											
110-80-5											
111-15-9											
110-71-4											
109-86-4											
112-49-2											
110-49-6											
70657-70-4	2-Methoxypropylacetate										
71-43-2	Benzene	< 5,0	< 5,0	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	-	-	CH: each n.d.	CH: all products		
					0,1 % (= 1000 mg/kg)				CH: < 5,0	CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	

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		limit values [mg/kg]	limit values [mg/kg]	Scope		limit value	Goods	Additional fibre material Accessories	limit values [mg/kg]
1330-20-7	Xylene								
100-42-5	Styrene								
95-48-7	o-Cresol								
106-44-5	p-Cresol								
108-39-4	m-Cresol								
78-93-3	Butanon (Methyl-ethyl ketone)								
108-88-3	Toluene								
100-41-4	Ethylbenzene								
108-94-1	Cyclohexanone								
98-86-2	Acetophenone								
617-94-7	2-Phenyl-2-propanol								
96-18-4	1,2,3-Trichloropropane								
68-12-2	N,N-Dimethylformamide (DMFa)	each < 500		clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear					
872-50-4	1-Methyl-2-pyrrolidone (NMP)	each < 1000 (for PAN, EL/ PU-, PVC-, PVC-Plastisol, PVDC, PVC-copolymer)	each < 3000	not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	each 0,1 % (= 1000 mg/kg)		each 500	CH: each < 3000	CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...
127-19-5	N,N-Dimethylacetamide (DMAc)								
75-12-7	Formamide	< 200					200		
75-15-0	Carbondisulfide								
Volatile Organic Compounds (VOC) [Emission]									
50-00-0	Formaldehyde	0,1 mg/m³							
108-88-3	Toluene	0,1 mg/m³							
100-42-5	Styrene	0,005 mg/m³							
100-40-3	4-Vinylcyclohexene	0,002 mg/m³							
4994-16-5	4-Phenylcyclohexene	0,03 mg/m³							
106-99-0	Butadiene	0,002 mg/m³							
75-01-4	Vinylchloride	0,002 mg/m³							
-	Aromatic hydrocarbons	0,3 mg/m³							
-	Organic volatiles	0,5 mg/m³							
Process preservative agents									
90-43-7	o-Phenylphenole (OPP)	leather :750 leather baby: 250							
59-50-7	4-Chloro-3-methylphenole (CMC/ CMK)	leather: 300 leather baby: 150							
21564-17-0	[(1,3-benzothiazol-2-yl)sulfonyl]methyl thiocyanate (TCM)	leather: 500 leather baby: 250							
26530-20-1	2-Octylisothiazol-3(2H)-on (OIT)	leather: 100 leather baby: 50							
Pesticides									
93-76-5	2,4,5-T								
94-75-7	2,4-D								
135410-20-7	Acetamidrid								
160430-64-8	Aldicarb								
116-06-3	Aldicarb								
309-00-2	Aldrine / Aldrin		n.d. (unintentional traces)	all articles				CH: n.d. (unintentional traces)	CH: all articles
2642-71-9	Azinophosethyl	Sum < 1,0					Sum < 0,1		
86-50-0	Azinophosmethyl	baby: Sum < 0,5					Sum < 0,5 (virgin wool)		
4824-78-6	Bromophos-ethyl								
2425-06-1	Captafol								
63-25-2	Carbaryl								
510-15-6	Chlorbenzilate / Chlorbenzilat								
57-74-9	Chlordane / Chlordan		n.d. (unintentional traces)	all articles				CH: n.d. (unintentional traces)	CH: all articles

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			limit values [mg/kg]	limit values [mg/kg]		Scope	limit value	Goods	Additional fibre material Accessories	limit values [mg/kg]	Scope
								limit values [mg/kg]			
6164-98-3	Chlordimeform										
470-90-6	Chlorfenvinphos										
210880-92-5	Clothianidin										
56-72-4	Coumaphos										
68359-37-5	Cyfluthrin										
91465-08-6	Cyhalothrin										
52315-07-8	Cypermethrin										
78-48-8	DEF										
52918-63-5	Deltamethrin										
53-19-0	DDD										
72-54-8											
3424-82-6	DDE										
72-55-9											
50-29-3	DDT										
789-02-6											
333-41-5	Diazinon										
120-36-5	Dichlorprop										
141-66-2	Dicrotophos										
60-57-1	Dieldrine / Dieldrin										
60-51-5	Dimethoate / Dimethoat										
88-85-7 et. al.	Dinoseb, its salts and acetate / Dinoseb, Salze und Acetat										
165252-70-0	Dinotefuran										
115-29-7	Endosulfan										
959-98-8	Endosulfan, α-										
33213-65-9	Endosulfan, β-										
72-20-8	Endrine / Endrin										
66230-04-4	Esfenvalerate / Esfenvalerat										
51630-58-1	Fenvalerate / Fenvalerat										
76-44-8	Heptachlor										
1024-57-3											
28044-83-9	Heptachloroepoxide / Heptachloroepoxid										
118-74-1	Hexachlorobenzene / Hexachlorbenzol	Sum < 1,0 baby: Sum < 0,5									
319-84-6	Hexachlorocyclohexane, α- / Hexachlorocyclohexan, α-										
319-85-7	Hexachlorocyclohexane, β- / Hexachlorocyclohexan, β-										
319-86-8	Hexachlorocyclohexane, δ- / Hexachlorocyclohexan, δ-										
105827-78-9	Imidacloprid										
138261-41-3											
465-73-6	Isodrine / Isodrin										
4234-79-1	Kelevane / Kelevan										
143-50-0	Kepone / Kepon										
58-89-9	Lindane / Lindan										
121-75-5	Malathion										
94-74-6	MCPA										
94-81-5	MCPB										
93-65-2	Mecoprop										
10265-92-6	Metamidophos										
72-43-5	Methoxychlor										
2385-85-5	Mirex										
6923-22-4	Monocrotophos										
150824-47-8	Nitenpyram										
120738-89-8											
56-38-2	Parathion										
298-00-0	Parathion-methyl										
72-56-0	Pertthane / Perthan										
7786-34-7	Phosdrin / Mevinphos										
13171-21-6	Phosphamidone / Phosphamidon										
31218-83-4	Propethamphos										
41198-08-7	Profenophos										
8001-50-1	Strobane / Stroban										
13593-03-8	Quinalphos										
297-78-9	Telodrine / Telodrin										

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			limit values [mg/kg]	limit values [mg/kg]		Scope	limit value	Goods	Additional fibre material Accessories	limit values [mg/kg]	Scope	
								limit values [mg/kg]				
111988-49-9	Thiacloprid		-	-								
153719-23-4	Thiamethoxam	Sum < 1,0										
8001-35-2	Toxaphene / Toxaphen (Camphechlor)	baby: Sum < 0,5	n.d. (unintentional traces)	all articles						CH: n.d. (unintentional traces)	CH: all articles	
1582-09-8	Trifluralin											
1071-83-6												
38641-94-0	Glyphosate and salts	5,0										
70901-12-1												
40465-66-5 et.al.												
93-72-1			2,4,5-TP									
1897-45-6	Chlorthalonil											
1085-98-9	Dichlofluanide											
115-32-2	Dicofol											
63405-99-2	DTTB											
106-93-4	Ethylendibromid											
87-68-3	Hexachlorobutadiene											
Various	Polychlorinated Naphthalenes											
1825-21-4	Pentachloroanisole											
82-68-8	Quintazone											
731-27-1	Tolyfluanide											
UV-Stabilizers												
3846-71-7	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV 320)											
3864-99-1	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV 327)											
25973-55-1	2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV 328)	each 1000										
36437-37-3	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV 350)											
2440-22-4	Drometrizole											
Flame retardants												
59536-65-1	Polybromobiphenyls (PBBs)		not used	textile articles with skin contact								
various	MonoBromobiphenyls (MonoBB)											
various	Dibromobiphenyls (DiBB)											
various	Tribromobiphenyls (TriBB)											
various	Tetrabromobiphenyl (TetraBB)											
various	Pentabromobiphenyls (PentaBB)											
various	Hexabromobiphenyls (HexaBB)									CH: n.d. (unintentional traces)	CH: all articles	
various	Heptabromobiphenyls (HeptaBB)											
various	Octabromobiphenyls (OctaBB)											
various	Nonabromobiphenyls (NonaBB)											
13654-09-6	Decabromobiphenyl (DecaBB)											
various	Polybrominated diphenyl ethers (PBDEs)											
various	MonoBromodiphenylethers (MonoBDEs)											
various	Dibromodiphenylethers (DiBDEs)											
various	Tribromodiphenylethers (TriBDEs)											
various	Tetrabromodiphenylethers (TetraBDEs)											
various	Pentabromodiphenylethers (PentaBDEs)	each < 10										
various	Hexabromodiphenylethers (HexaBDEs)	Sum < 50	Sum 500	all articles			not used	not used		CH: each 10	CH: all articles	
various	Heptabromodiphenylethers (HeptaBDEs)											
1163-19-5	Decabromodiphenylether (DecaBDE)						0,1 % (= 1000 mg/kg)			CH: n.d. (unintentional traces)		
various	Octabromodiphenylethers (OctaBDEs)		1000									
various	Nonabromodiphenylethers (NonaBDEs)											
126-72-7	Tri(2,3-dibromopropyl)phosphate (TRIS)		n.d.	textile articles with skin contact						CH: n.d.	CH: all textiles	
115-96-8	Tris(2-chloroethyl)phosphate (TCEP)											
3194-55-6												
134237-50-6	Hexabromocyclododecane and all main diastereomers identified (alpha-, beta-, gamma-) (HBCDD)											
134237-51-7												
134237-52-8												
25637-99-4												
79-94-7	Tetrabromobisphenol A (TBBPA)											
5412-25-9	Bis(2,3-dibromopropyl)phosphate (BIS)											
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)											
13674-87-8	Tris(1,3-dichloro-iso-propyl)phosphate (TDCPP)						0,1 % (= 1000 mg/kg)			CH: n.d. (unintentional traces)	CH: all articles	

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545-55-1	Tris(aziridinyl)phosphinoxide (TEPA)			n.d.	textile articles with skin contact	-			CH: n.d.	CH: all textiles	
10043-35-3	Boric Acid	each < 10	Sum < 50			0,1 % (= 1000 mg/kg)	not used	not used			
11113-50-1											
1332-07-6	Zinc borate salts										
12767-90-7											
1303-86-2	Diboron trioxide										
1303-96-4											
1330-43-4	Disodium tetraborate, anhydrous										
12179-04-3											
12008-41-2	Disodium octaborate										
12267-73-1	Tetaboron disodium heptaoxide, hydrate										
25155-23-1	Trixylylphosphate (TXP)			1500	all articles	each 0,1 % (= 1000 mg/kg)			CH: 1500	CH: all articles	
85535-84-8	Short chain chlorinated paraffins (C10 - C13) (SCCP)	Sum < 50									
85535-85-9											
198840-65-2	Medium chain chlorinated paraffins (C14 - C17) (MCCP)										
1372804-76-6											
Siloxanes											
556-67-2	Octamethylcyclotetrasiloxane (D4)	each < 1000				each 0,1 % (= 1000 mg/kg)	each < 1000	each < 1000			
541-02-6	Decamethylcyclopentasiloxane (D5)										
540-97-6	Dodecamethylcyclohexasiloxane (D6)										
Nitrosamines and N-nitrosatable substances											
5336-53-8	N-Nitrosodibenzylamine (NDBZA)	each < 0,5									
924-16-3	N-Nitrosodibutylamine (NDBA)										
1116-54-7	N-Nitrosodiethanolamine (NDELA)										
55-18-5	N-Nitrosodiethylamine (NDEA)										
997-95-5	N-Nitrosodiisobutylamine (NDIBA)										
1207995-62-7	N-Nitrosodisononylamine (NDiNA)										
601-77-4	N-Nitrosodiisopropylamine (NDiPA)										
62-75-9	N-Nitrosodimethylamine (NDMA)										
621-64-7	N-Nitrosodipropylamine (NDPA)										
10595-95-6	N-Nitrosomethylethylamine (NMEA)										
59-89-2	N-Nitrosomorpholine (NMOR)										
612-64-6	N-Nitroso-N-ethyl-N-phenylamine (NEPhA)										
614-00-6	N-Nitroso-N-methyl-N-phenylamine (NMPhA)										
100-75-4	N-Nitroso-piperidine (NPIP)										
930-55-2	N-Nitroso-pyrrolidine (NPYR)										
various	N-nitrosable substances	Sum < 5,0									
Others											
50-00-0	Formaldehyde	< 75 baby: < 16		< 75	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	< 16	< 75 baby: < 16	FI: 30*, 100**, 300*** CH: < 75 SK: 20*, 75**, 50***, 150**** CZ: 30	FI: *articles for children < 2 years, **articles with skin contact (> 2 years), ***home textiles and articles without direct skin contact (> 2 years) CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ... SK: *textiles with skin contact (< 3 years), **textiles with skin contact (> 3 years), ***leather with skin contact (< 3 years), ****leather with skin contact (> 3 years) CZ: toys and children products (< 3 years)	

CAS No.	Substance	Standard 100 by OEKO-TEX® Annex 4 (Edition 01.2022) Product Class I and II	Legal Regulations Europe		SVHC-List	GOTS 6.0		National Regulations Europe	
		limit values [mg/kg]	limit values [mg/kg]	Scope		limit value	Goods	Additional fibre material Accessories	limit values [mg/kg]
90-43-7	o-Phenylphenol (OPP)	< 25 baby: < 10	-	-	-	< 1,0	-	-	-
624-49-7	Dimethylfumarate (DMFu)	< 0,1	0,1	all articles	-	-	-	CH: 0,1	CH: all articles
85535-84-8	SCCP (C10-C13)	Sum < 50	1500	all articles	each 0,1% (= 1000 mg/kg)	Sum < 50	Sum < 50	CH: 1500	CH: all articles
85535-85-9	MCCP (C14-C17)								
80-05-7	Bisphenol A	< 100							
77-60-7	Bisphenol B	< 1000							
80-09-1	Bisphenol S								
620-92-8	Bisphenol F	under observation							
1478-61-1	Bisphenol AF								
108-95-2	Phenol	< 50 baby: < 20	-	-	-	0,1% (= 1000 mg/kg)	-	-	-
91-22-5	Quinoline	< 50	< 50	clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...	-	-	-	CH: < 50	CH: clothing or related accessories; textiles other than clothing which, [...] come into contact with human skin; footwear not within scope: products made exclusively of natural leather, fur or hide; non-textile fasteners and non textile attachments; wall-to-wall carpets ...
115-96-8	Tris-(2-chloroethyl)phosphate (TCEP)	< 10	-	-	-	-	-	-	-
123-77-3	Azodicarboxamide (ADCA)	< 1000	-	-	0,1% (= 1000 mg/kg)	< 1000	< 1000	-	-
-	pH-value	4,0 - 7,5	-	-	-	4,5 - 7,5 (skin contact) 4,5 - 9,0 (no skin contact)	-	CZ: 4,0-7,5* 3,5-8,5**	CZ: *textiles (toys and children products (< 3 years)), **leather (toys and children products (< 3 years))
various	Asbestos	not used	not used	all articles	-	-	-	-	-
111-30-8	Glutaraldehyde	1000	-	-	0,1% (= 1000 mg/kg)	-	-	-	-
107-22-2	Glyoxal	-	-	-	-	< 20	< 75 baby: < 20	-	-
-	AOX	-	-	-	-	< 5,0	-	-	-

Physical Tests

Testing standart	Method	Article	Requirements	
				Set value
correct fit	before/after washing	all textiles	fit check according to measurement chart	
visual control	visual control	all articles	processing according to specification	
cut off edge	DIN 147 (CIELab)	all articles dye lot up to dye lot edge-middle-edge beginning-end	max. ΔE 1,2 max. ΔE 0,5	
product labeling material composition	Product Safety ACT	all articles all Katag AG brand name	RL 2001/95/EG	
	material composition		EU-VO 1007/2011	
	carelabel acc. Ginetex		DIN EN ISO 3758	
	textile labeling instruction		Katag AG textile labeling instruction	
genuine leather	RAL 060 A2 DIN EN ISO 17186 RAL 063 A2 RAL 062 B2 RAL 064A RAL 075 A3	for leather, the animal species must also be determined, qualitatively and quantitatively		
surface weight/ unit weight	DIN EN 12127	all articles	knitwear:	+/- 5%
			textile fabric:	+/- 5%
			fake leather	+/- 7%
			genuine leather:	+/- 10%
determination of linear density of single and plied yarns	DIN 53830-3	all relevant articles	acc. with standard value tolerance: +/- 10%	
certificates EU declaration of conformity		with correspondingly required guidelines	the supplier prepares and signs a declaration of conformity for all legal requirements which apply in the context of European directives	
colorfastness to light	test for colorfastness EN ISO 105 B02 method 3	all articles nature fibre items	level of exposure 5: limit of value level 5 exceptional case silk: limit of value level 3-4 neon colors: limit of value level 3	
colorfastness to rubbing dry	ISO 105 X 12	all articles	staining: level 4 exception: indigo, pigment print, cold pigment dye, oil wash, velvet: level 3	
colorfastness to rubbing wet	ISO 105 X 12	all articles	staining: level 3-4 exception: indigo, pigment print, cold pigment dye, oil wash, velvet: level 2	
colorfastness to perspiration acid/alkaline	ISO 105 E 04	all articles	change in color: level 4 staining: level 3-4	
colorfastness to washing	ISO 105 C 06	all washable items	change in color: level 4 staining: level 3-4	
colorfastness to water	ISO 105 E 01	all articles excluding hosiery	change in color: level 4 staining: level 3-4	
leather colorfastness to rubbing dry /wet	DIN EN ISO 11640 Dry: 20 revs Wet: 10 revs	leather	change in color: level 3-4 staining: level 2-3	
leather colorfastness to water	DIN EN ISO 11642	leather	change in color: level 3-4 staining: level 2-3	
leather colorfastness to perspiration	DIN EN ISO 11641	leather	change in color: level 3-4 staining: level 2-3	
colorfastness to dry cleaning using perchloroethylene solvent	DIN EN ISO 105-D01	all items suitable for chemical cleaning acc.to care instructions	change in color: level 4 staining: level 3-4	
determination of colour fastness of dyes and prints to sublimation in storage	DIN 54056	polyester items with contrasting colors	change in color: level 4 staining: level 4-5	
saliva/sweat fastness Part 1: Test with artificial saliva	ISO 53160-1 und -2	baby (up to 36 month) children up to 7 years	level 5	
colorfastness to saltwater	ISO 105-E02	swim wear, beach towel	change in color: level 4 staining: level 4	
colorfastness to chlorinated water	ISO 105 -E03 50mg/l swim wear 20mg/l beach towel (active chlorine)	swim wear, beach towel	change in color: level 4 staining: level 4 exception: staining neon colours: level 3	
tensile strength	DIN EN ISO 13934-1	all relevant articles	warp/weft: > 200N until 250N close-fitting: > 300N	
	method Grab: DIN EN ISO 13934-2	close-fitting: trousers and skirt	warp/weft: > 150N until 200N close-fitting: > 250N	

bursting properties of fabrics	DIN EN ISO 13938-2	day- and nightdress, knitwear, bath dress	> 200 kPa (7,3 q/cm)
tear strength	DIN EN ISO 13937-1 (Elmendorf) DIN EN ISO 13937-2 (Schenkel)	all relevant articles	face fabric, sportswear: warp/weft 12N -15N shirts, blouses, day- and nightdress: warp/weft 8N - 10N
seam slippage strength	DIN EN ISO 13936-1	all relevant articles close-fitting: trousers and skirt	seam opening: 4mm/ 120N close fitting: 4mm/160N trousers and skirt: close-fitting: 2mm / 120N
	DIN EN ISO 13936-2		strength up to 60N / 2mm trousers and skirt: 120N / 3mm close-fitting 120N / 2mm
abrasion resistance Martindale	DIN EN ISO 12947-1 / -2	all relevant articles velvet/corduroy day-nightdress knitwear	12.000 revs up to 20.000 revs 5.000 revs 10.000 revs 8.000 revs
pilling	DIN EN ISO 12945-1	without polyester	10.800 revs (3h): level < 3-4
		with polyester	10.800 revs (3h): level < 3
	DIN EN ISO 12945-2 (Martindale)	flat surface swim dress level 4	level 4 at 2.000 revs
		rough surface	level 3 at 2.000 revs
		knitwear	level 3-4 at 2000 revs
textiles - determination of the elasticity of fabrics part 1: strip tests	DIN EN ISO 20932-1	items with elastane and knitwear	warp/weft: 3% residual elongation length/width: 5% residual elongation
snagging: textile method for determination of propensity of fabrics to snagging	BS 8479 rotation chamber method	knitwear, hosiery articles	2.000 revs: level < 3
textile domestics washing and drying procedures for textile testing	ISO 6330 acc. carelabel instruction	all washable articles	no negative change that affects the look or use
textiles determination of dimensional change in washing and drying	ISO 5077	all washable articles shrink values with elastane could be higher	woven fabric warp/weft: +/- 2% jersey width/length : -5% until +2% knitwear: -6% until +3%
textiles - determination of spirality after laundering part3: woven and knitted garments	ISO 16332-3	all washable articles	woven fabric : 2% regard to length knitwear: 3% regard to length
textiles- professional care, drycleaning and wetcleaning of fabrics and garments	EN ISO 3175-1 acc. carelabel instruction	all not washable articles	woven fabric warp/weft: -1,5% / +1,5% jersey width/length: -2,5% / +2,5% lining warp/weft: -1,5%/ +1,5%
textile fabrics - determination of resistance to surface wetting (spray test)	DIN EN ISO 4920 (spray test)	all appropriately finished textiles if nec. incl. Bionic-FinishEco	before washing/original: ISO 4 after 5 steps laundering: ISO 2-3
hydrophilic finish	AATCC 79	all appropriately finished textiles	< 5 second testing inside
waterproof textiles - determination of resistance to water penetration	DIN EN 811 hydrostatic pressure test	all appropriately finished textiles	> 300 mbar
determination of water vapour transmission	DIN ISO 11092	all finished textiles	< 6 m2Pa/W for baselayers
textiles - determination of permeability of fabrics to air	DIN EN ISO 9237	all appropriately finished textiles	< 5mm/s (L/m2/s)
slide fasteners / zipper	Zipper acc.DIN EN 16732 category A to D	all zipper for garment industry except YKK ® zipper	DIN EN 16732
corrosion	DTB method	all metal pieces	metal: resistant against corrosion

safety of children's clothes, non textile products	DIN CEN/TR 16792 EN-71	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	- non-textile components tangible from 3mm acc. DIN CEN/TR 16792 attachment B - non-textile components tangible from 3mm: no negative changed in strength acc. DIN CEN/TR 16792 attachment C - non-textile components: components >6mm: mind. 70N components >3mm to <6mm: min. 50N components <3mm and intangible components: no negative changes in the strength DIN EN-71-1 - article: 4.1; 4.7; 4.8; 4.22; 6 (a,b); 7.1; 7.2 Part 1 - Safety of toys - mechanical and physical properties. Part 2 - Flammability - for toys to be worn and costumes intended to be worn by children in play Part 3 - Specification for migration of certain elements. Can also be referred to in the absence of relevant standards. In addition to Baby (up to 36 month): DIN EN-71-1 - Artikel: 5.1 (a,b,e,f,g); 5.2 (a,b); 5.4 (a,b); 5.11; 8.2 (no part may fit in the cylinder)
snap fasteners / press buttons	following DIN EN ISO 13934-1 CEN/TS 17394-3	all relevant articles	Opening force snap fasteners: >10N Tear off force snap fasteners: >90N specifications acc. EN-71/1 Textiles and textile products. Safety of children's clothing. Security of attachment of metal mechanically.
buttons	EN 17394-2	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	Textiles and textile products. Safety of children's clothing. Security of attachment of buttons.
fastening security other components	CEN/TS 17394-4	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	Textile and textile products. Safety of children's clothing. Security of attachment of metal mechanically applied press fasteners.
cords and drawstrings on children's clothing	DIN EN 14682	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	Compliance with the regulations of DIN EN 14682 "Children's Clothing Safety - Cords and drawstrings on children's clothing" Verification as part of the fit check.
Flammability of clothing textiles	16 CFR Part 1610	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	Standard for flammability of clothing textiles.
Nightwear - burning behaviour of textiles	EN 14878	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	Textiles: burning behaviour
sun protection textiles	UV STANDARD 801	Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	UV Protection Textiles / UPF 40 or higher CE marking is required when the protection is advertised
Mechanical hazards (points and corners) - basic recommendations		Baby (up to 36 month) young children up to 7 years older children/teens 7-14 years	all accessoires (hangtags, velcro tapes, buttons and snap fasteners) should have no sharp corners, edges or points
Childcare Products and Carriers including but not limited to: Sleeping bags, Dummy chains, Bibs	PD CEN/TR 13387 DIN EN 16781	Baby (up to 36 month)	Child care articles. General safety guidelines. Safety philosophy and safety assessment Textile child care articles. Safety requirements and test methods for children's sleep bags for use in a cot.
5 step assessment scale: 1= very strong, 2= strong, 3= noticeable, 4= little, 5= none			

Notes:	
"n.d." = not detected	
unintentional traces According to the POPs Regulation, the presence of the relevant substances is permitted only at the level of unintentional trace contaminations.	
EU REACH - SVHC Substances	
EU, NO: In case of contents > 0.1% per article weight (in consideration of subassemblies) substances of very high concern (SVHC) from the REACH Candidate List, the supplier is legally obligated to transmit this information (Regulation (EC) 1907/2006 Art. 33 and Annex XIV; Judgement of the Court (Third Chamber), 10 September 2015, C-106/14). SVHC-Substances, see https://echa.europa.eu/en/candidate-list-table	
CH: Analogous to EU, NO. Legal base is the chemical regulation ChemV Art. 71 and annex 3.	
GB: Analogous to EU, NO. Legal base is The REACH Enforcement Regulations 2008 (and amendments), schedule 1.	
EU Biocidal Products/Treated Articles	
EU, NO: Products with biocidal finishing (treated articles) have to meet the Biocidal Regulation (EU) 528/2012 regarding admission and labeling. https://www.echa.europa.eu/regulations/biocidal-products-regulation/understanding-bpr	
CH: Analogous to EU, NO. Legal base is the biocidal products regulation VBP.	
GB: Analogous to EU, NO. Legal base is The Biocidal Products Regulations 2001	
EU Further requirements	
Flammability	EN 1101/1102/1103 (no surface flash), EN 13772, ASTM D1230, EN ISO 12952-1, BS 5722
Hygiene of down and feathers	NF EN 1162, NF EN 1164, NF EN 12935
EU Further requirements for children	
Pull-off force of buttons and small parts	EN 17394-2, CEN/TS 17394-1/-3/-4
Mechanical Safety	BS 7907/BS 4162, UNE 40902
Children's sleep bags	EN 16781
Flammability	EN 14878, BS 5722, CEN/TR 13387
Cords and drawstrings	EN 14682
EU Marking	
Name and complete contact address of EU distributor	Directive 2001/95/EC
Marking for identification (e.g. article number)	Directive 2001/95/EC
Material labeling	Regulation 1007/2011
Care labeling	ISO 3758
Depending on the product category further labelling according to special or national requirements must be considered if applicable. GB: A separate contact address of the GB importer must be provided.	
EU Conformity	
Each article including the packaging has to comply to all mentioned requirements. The supplier assures that the delivered article meets all requirements under REACH Regulation 1907/2006 and Product Safety Directive 2001/95/EC. By declaration of conformity acc. to ISO/IEC 17050 the supplier commits himself to deliver merchandise in conformity with the respective test sample.	
US Further requirements	
Chemicals known to cause cancer or reproductive toxicity	California's Proposition 65 (Prop 65)
Compliance with applicable product safety rules	General Certificate of Conformity (GCC)
Flammability	16 CFR 1610/1611
Prohibition of dog and cat fur	19 U.S. Code § 1308
Sharp points and edges	16 CFR 1500.48/.49
Microbial testing of feathers	ASTM F963/USP <61+62>
No use of latex	CPSA
US Further requirements children	
Safety requirements for children's articles	16 CFR 1501/1500.48/1500.49
Flammability children's sleepwear	16 CFR 1615/1616
Chords and drawstrings	16 CFR 1120, ASTM F 1816-97
Conformity assessment Children's Product Certificate (CPC)	CPSA Section 14(a)(2)
Reporting duty for chemicals of high concern	Chemicals of High Concern to Children (CHCC) - diverse state laws
Attestation of compliance	Albany County NY Toxic Free Toys Act
Tracking Label	CPSIA Section 103
No use of monofilament threads	CPSA
Floats / loose strings	max. 1/4 inch (6,35 mm)

US Marking and further requirements	
General labeling requirements for textiles	16 CFR 300
Fiber Content	FTC Textile Fiber Identification Act 15 U.S.C. § 70; AATCC 20/20A
Fiber Content (Wool products)	Wool Products Labeling Act of 1939 15 U.S.C. § 68; 16 CFR 300
Fiber Content (Fur Products)	Fur Products Labeling Act 15 U.S.C. § 69; 16 CFR 301; NY State General Business Law section 399-aaa
Filled articles (bedding, apparel, toys etc.)	IABFLO; Uniform Law Labels for Bedding and Furniture
Down & Feather Filled Products	USA-2000 Labeling Standards; California Plummage Regulations; FTC "Down...But Not Out: Advertising and Labeling of Feather Down", Utah sterilization permit number
Quilted Clothing: labeling and registration	Utah Administrative Code, Rule R70-101
Leather and imitation leather	16 CFR Part 24
Care Instructions	FTC Care Labeling Rule 16 CFR Part 423, AATCC 135/150/TS-001
Warnings on CMR substances	California Proposition 65
Country of origin	16 CFR 303, 19 CFR 134
Articles made of wood or paper	Lacey Act, California Code of Regulations Title 17 93120 - 93120.12
Packaging	FPLA, UPLR, NIST Handbook 130
Polybag warning	Various state laws
Other claims	FTC Fair Labeling
CA Labeling	
Fibre identity	Textile Labelling Act, Textile Labelling and Advertising Regulations
Stuffed & Upholstered Labeling	Manitoba Reg. 78/2004 (till 01.01.2020), Ontario Reg. 218/01 (till 01.07.2019), Quebec CQLR chapter M-5 and M5, r. 1
Country of origin	Customs Act, Customs Tariff, Marking of Imported Goods Regulations, Marking of Imported Goods Order, Determination of Country of Origin for the Purposes of Marking Goods Regulations, NAFTA Rules of Origin Regulations
General Product Labelling	Consumer Packaging and Labelling Act, Consumer Packaging and Labelling Regulations
French Language Labeling	Quebec Charter of the French Language
Mercury warning label	Products Containing Mercury Regulations
CA Further Requirements	
General Product Safety	Canada Consumer Product Safety Act CCPSA
Flammability	Textile Flammability Regulations, CAN/CGSB-4.2 No. 27.5
Prohibition of toxic substances in articles	Prohibition of Certain Toxic Substances Regulations, 2012
Mercury containing products	Products Containing Mercury Regulations
CA Further Requirements Children	
Requirements for children's sleepwear	Children's Sleepwear Regulations, CAN/CGSB-4.2 No. 27.5
Definition of the Product Group	
This requirement profile refers to clothing, textile accessories (like scarfs, gloves, hats and caps) or home textiles for the normal everyday use. For special products, e.g., occupational or protective clothing other requirements must be taken into consideration when indicated.	
Disclaimer:	
This requirement profile was generated on the basis of appropriate specific legally regulated requirements.	
The substances or groups of substances are specifically named in laws, ordinances, or other regulations and are subject to corresponding limit values.	
In addition, a product that is placed on the market must be safe for the user and the environment.	
Therefore, further national and international legal regulations that regulate product safety and those superordinate, must be considered (for example ProdSG, General Product Safety Directive 2001/95/EC). This may lead to further testing requirements regarding additional substances. This is product specific and can be clarified based on a detailed assessment of components and materials.	
The processing of binding material and preparations may also lead to exceeding the requirements imposed on the components and materials.	
Furthermore, the requirements relate only to the product groups presented.	
Each individual product requires an individual professional evaluation.	
It may be that with the respective product, several product groups can be relevant and further requirements may apply.	
Therefore, in case of any overlapping of product groups (eg: product group footwear and product group electronics), it must be ensured that additional standards and regulations must be considered and strictly adhered to.	
It is based on legal requirements as well as the best available technology and expertise of Hohenstein Textile Testing Institute GmbH & Co. KG.	
Only the original laws, regulations, and further provisions are legally binding.	
If the data from requirement profiles of Hohenstein Textile Testing Institute GmbH & Co. KG is used further, the use of the Hohenstein Textile Testing Institute GmbH & Co. KG logo may not be used without explicit approval of the Hohenstein Textile Testing Institute GmbH & Co. KG.	
In addition, Hohenstein Textile Testing Institute GmbH & Co. KG is not liable for the accuracy and presentation of any data used further from its requirement profiles	

Date, place

Signature

Company seal