Substance Group	Short Name	CAS No. 1	CAS No. 2		2026 CADS Limits Version 13 07/2026 update	Legal limits EU R1 = REACH Appendix XVII D = German limit P = POP-VO S = other limit	REACH SVHC-Candidate	Whole product	Leather / fur [e)]	Coated Leather	Leather fibre board	PVC	EVA, EVA foam	Rubber materials Latex	PU, TPU as Polymer	TPE-TPR	Blown materials, Foam	Synth. Textile	Coated Textile	PU-coating DMFa-"free"	Natural Textile	Textiles with aplications	Wood, Cork	Adhesive, process chemicals (processed)	Metallic Hardware	Cellulosic Material
AZO Dyes					each Amin	each Amin			x	x	x							x	x	x	x	x				x
3,3'-Dichlorobenzidine		91-94-1			20 mg/kg	30 mg/kg R1																				
3,3'-Dimethylbenzidine		119-93-7			20 mg/kg	30 mg/kg R1																				
2,4-Diaminoanisole/ 2,4-diaminoanisol sulphate		615-05-4	39156-41-7		20 mg/kg	30 mg/kg R1																				
2,4-Toluylenediamine		95-80-7			20 mg/kg	30 mg/kg R1	√																			
2,4-Xylidine		95-68-1			20 mg/kg	20 mg/kg (China)																				
2,6-Xylidine		87-62-7			20 mg/kg	20 mg/kg (China)																				
2-Amino-4-nitrotoluene		99-55-8			20 mg/kg	30 mg/kg R1																				
2-Naphthylamine/ 2-Naphthylammonium acetate		91-59-8	553-00-4		20 mg/kg	30 mg/kg R1																				
3,3'-Dimethoxybenzidine		119-90-4			20 mg/kg	30 mg/kg R1																				
3,3'-Dimethyl-4,4'-diaminodiphenylmethane		838-88-0			20 mg/kg	30 mg/kg R1	√																			
4,4'-Diaminodiphenylmethane		101-77-9			20 mg/kg	30 mg/kg R1	√																			
4,4'-Methylene-bis-(2-chloroaniline)		101-14-4			20 mg/kg	30 mg/kg R1	√																			
4,4'-Oxydianiline		101-80-4			20 mg/kg	30 mg/kg R1	√																			
4,4'-Thiodianiline		139-65-1			20 mg/kg	30 mg/kg R1																				
4-Aminoazobenzene		60-09-3			20 mg/kg	30 mg/kg R1	√																			
4-Aminodiphenyl		92-67-1			20 mg/kg	30 mg/kg R1	√																			
4-Chloro-o-toluidine/ 4-Chloro-o-toluidinium chloride		95-69-2	3165-93-3		20 mg/kg	30 mg/kg R1																				
Benzidine		92-87-5			20 mg/kg	30 mg/kg R1																				
o-Aminoazotoluene		97-56-3			20 mg/kg	30 mg/kg R1	√																			
o-Anisidine / 2-Methoxyaniline		90-04-0			20 mg/kg	30 mg/kg R1	√																			
o-Toluidine		95-53-4			20 mg/kg	30 mg/kg R1	√																			
p-Chloroaniline		106-47-8			20 mg/kg	30 mg/kg R1																				
p-Cresidine		120-71-8			20 mg/kg	30 mg/kg R1	√																			
2,4,5-Trimethylaniline/ 2,4,5-Trimethylanilin hydrochloride		137-17-7	21436-97-5		20 mg/kg	30 mg/kg R1																				
Biocides																										
Dimethylfumarate	DMFU	624-49-7			0.1 mg/kg	0.1 mg/kg R1			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2-(Thiocyanomethylthio)-Benzothiazol [f)]	TCMTB	21564-17-0			500 mg/kg				x	x	x															
4-Chloro-3-methylphenol [f)]	CMK	59-50-7			600 mg/kg				x	x	x															
2-Phenylphenol [f)]	OPP	90-43-7			1000 mg/kg				x	x	x															
2-Phenylphenol [f)]	OPP	90-43-7			100 mg/kg													x	x	x	x	x				x
2-Octylisothiazol-3(2H)-one [f)]	OIT	26530-20-1			250 mg/kg				x	x	x															
Triclosan[f)]		3380-34-5			50 mg/kg				x	x	x							x	x	x	x	x				x

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Chlorinated Phenols					each Isomer	each Isomer			x	x	x		x				x	x	x	x	x	x	x			x
Pentachlorophenol	PCP	87-86-5			1 mg/kg	5 mg/kg P [a)] S																				
2,3,4,5-Tetrachlorophenol	TeCP	4901-51-3			2 mg/kg																					
2,3,4,6-Tetrachlorophenol	TeCP	58-90-2			2 mg/kg																					
2,3,5,6-Tetrachlorophenol	TeCP	935-95-5			2 mg/kg																					
2,3,4-Trichlorophenol	TriCP	15950-66-0			2 mg/kg																					
2,3,5-Trichlorophenol	TriCP	933-78-8			2 mg/kg																					
2,3,6-Trichlorophenol	TriCP	933-75-5			2 mg/kg																					
2,4,5-Trichlorophenol	TriCP	95-95-4			2 mg/kg																					
2,4,6-Trichlorophenol	TriCP	88-06-2			2 mg/kg																					
3,4,5-Trichlorophenol	TriCP	609-19-8			2 mg/kg																					
2,4-Dichlorophenol, free	DiCP	120-83-2			2 mg/kg																					
2,3-Dichlorophenol, free	DiCP	576-24-9			2 mg/kg																					
2,5-Dichlorophenol, free	DiCP	583-78-8			2 mg/kg																					
2,6-Dichlorophenol, free	DiCP	87-65-0			2 mg/kg																					
3,4-Dichlorophenol, free	DiCP	95-77-2			2 mg/kg																					
3,5-Dichlorophenol, free	DiCP	591-35-5			2 mg/kg																					
4-Chlorophenol, free	MCP	106-48-9			2 mg/kg																					
2-Chlorophenol, free	MCP	95-57-8			2 mg/kg																					
3-Chlorophenol, free	MCP	108-43-0			2 mg/kg																					

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Dyestuffs classified as allergenous					each Dye [i)]																				
Disperse Blue 102		12222-97-8 69766-79-6			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Blue 106		12223-01-7 68516-81-4			3.3 mg/l (50 mg/kg)	D (BfR*, 041/2012)												●	●	●		●				●
Disperse Blue 124		61951-51-7 15141-18-1			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Blue 26		3860-63-7			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Blue 3		2475-46-9			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Blue 35 [i)]		56524-76-6	56524-77-7		3.3 mg/l (50 mg/kg)	D (BfR*, 041/2012)												●	●	●		●				●
Disperse Blue 7		3179-90-6			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Brown 1		23355-64-8			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Orange 1		2581-69-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Orange 3		730-40-5			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Orange 37/76/59		13301-61-6			3.3 mg/l (50 mg/kg)	D (BfR*, 041/2012)												●	●	●		●				●
Disperse Red 1		2872-52-8			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Red 11		2872-48-2			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Red 17		3179-89-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Yellow 1		119-15-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Yellow 39		12236-29-2			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Yellow 49		54824-37-2			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Yellow 9		6373-73-5			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Dyestuffs classified as carcinogenic					each Dye [i)]																				
Disperse Yellow 23		6250-23-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Disperse Yellow 3		2832-40-8			3.3 mg/l (50 mg/kg)	D (BfR*, 041/2012)												●	●	●		●				●
Disperse Orange 149		85136-74-9			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Acid Red 26		3761-53-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Basic Red 9		569-61-9			3.3 mg/l (50 mg/kg)	50 mg/kg R1												x	x	x		x				x
Basic Violet 14		632-99-5			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Direct Black 38		1937-37-7			3.3 mg/l (50 mg/kg)		√											●	●	●		●				●
Direct Blue 6		2602-46-2			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Direct Red 28		573-58-0			3.3 mg/l (50 mg/kg)		√											●	●	●		●				●
Disperse Blue 1		2475-45-8			3.3 mg/l (50 mg/kg)	50 mg/kg R1												x	x	x		x				x
Disperse Orange 11		82-28-0			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Basic Violet 3		548-62-9			3.3 mg/l (50 mg/kg)	50 mg/kg R1	√											x	x	x		x				x
Dyestuffs - others					each Dye [i)]																				
Basic Blue 26		2580-56-5			3.3 mg/l (50 mg/kg)		√											●	●	●		●				●
Solvent Yellow 2		60-11-7			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Solvent Yellow 14		842-07-9			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Basic Violet 1		8004-87-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Acid Violet 49		1694-09-3			3.3 mg/l (50 mg/kg)													●	●	●		●				●
Blue Colorant (EC 405-6654; Index 611-070-00-2)		118685-33-9			n.d.	0.1 % Mixtures S (EU)			x	x	x							x	x	x	x	x				x

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Heavy Metals																										
Chromium VI, soluble after aging [b)]	Cr VI				3 mg/kg	3 mg/kg [c)] R1 without Aging			x	x	x															
Cadmium, total	Cd				100 mg/kg	100 mg/kg R1	√			x		x	x	x	x	x	x		x	x		x			x	
Cadmium, total [n)]	Cd				40 mg/kg	US Children up to 12Y	√			x		x	x	x	x	x	x		x	x		x			x	
Lead, total	Pb				90 mg/kg	500 mg/kg [d1)] R1 1000 mg/kg if PVC	√			x		x	x	x	x	x	x		x	x		x			x	
Nickel, release of metal parts	Ni				0.28 µg/cm²/Woche	0.5 µg/cm²/Week R1																			●	
Cadmium, soluble	Cd				0.1 mg/kg	1 mg/kg R1			●	●	●							x	x	x	x	x				x
Nickel, soluble	Ni				4.0 mg/kg				●	●	●							●	●	●	●	●				●
Cobalt, soluble	Co				4.0 mg/kg		√		●	●	●							●	●	●	●	●				●
Cobalt, soluble (< 36 months [d)])	Co				1.0 mg/kg		√		●	●	●							●	●	●	●	●				●
Lead, soluble	Pb				1.0 mg/kg	1 mg/kg R1			●	●	●							x	x	x	x	x				x
Antimony, soluble	Sb				30 mg/kg				●	●	●							●	●	●	●	●				●
Mercury, soluble	Hg				0.02 mg/kg				●	●	●							●	●	●	●	●				●
Chromium, soluble, all stages of oxidation	Cr				2.0 mg/kg		√											●	●	●	●	●				●
Chromium, soluble, all stages of oxidation (< 36 months [d)])	Cr				1.0 mg/kg		√											●	●	●	●	●				●
Chromium VI, soluble in textiles	Cr VI				1,0 mg/kg	1 mg/kg R1												x	x	x	x	x				x
Arsenic, soluble	As				0.2 mg/kg	1 mg/kg R1	√		●	●	●							x	x	x	x	x				x
Barium, soluble [k)]	Ba				1000 mg/kg				●	●	●							●	●	●	●	●				●
Copper, soluble [k)]	Cu				25 mg/kg				●	●	●							●	●	●	●	●				●
Selenium, soluble [k)]	Se				500 mg/kg				●	●	●							●	●	●	●	●				●
Lead, Cadmium, Mercury, Chromium VI packaging or packaging components [q)]					∑ 100 mg/kg	R1		x																		

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Organotin compounds										x	x	x	x	x	x	x	x	x	x	x		x			
Dibutyltin	DBT	14488-53-0			5 mg/kg	1000 mg/kg for tin R1																				
Dibutyltin dichloride (detected as DBT)	DBTC	683-18-1			5 mg/kg	1000 mg/kg for tin R1	√																			
Dioctyltin	DOT	250252-87-0	94410-05-6 15231-44-4		5 mg/kg	1000 mg/kg for tin R1																				
Monobutyltin	MBT	78763-54-9			5 mg/kg																					
Tributyltin	TBT	36643-28-4			1 mg/kg	1000 mg/kg for tin R1																				
Triphenyltin	TPhT	668-34-8			1 mg/kg	1000 mg/kg for tin R1																				
Monooctyltin	MOT	94410-07-8			5 mg/kg																					
Bis(tributyltin) oxide	TBTO	56-35-9			1 mg/kg		√																			
Dimethyltin	DMT	753-73-1			5 mg/kg																					
Diphenyltin	DPhT	1135-99-5	1011-95-6 6381-06-2		5 mg/kg																					
Dipropyltin	DPT	2406-60-2			5 mg/kg																					
Monophenyltin	MPhT	2406-68-0			5 mg/kg																					
Tetrabutyltin	TeBT	1461-25-2			5 mg/kg																					
Tricyclohexyltin	TCyHT	3091-32-5	6056-50-4		5 mg/kg																					
Trimethyltin	TMT	1066-45-1			5 mg/kg																					
Trioctyltin	TOT	2587-76-0			5 mg/kg																					
Tripropyltin	TPT	1067-29-4	761-44-4		5 mg/kg																					
Other Chemical Residues																										
Short-chain chlorinated paraffins (C10-C13)	SCCP	85535-84-8			500 mg/kg	1500 mg/kg P	√		x	x	x	x	x	x	x	x	x		x	x		x		g)		
Medium-chain chlorinated paraffins (C14-C17)	MCCP	85535-85-9			500 mg/kg		√		x	x	x	x	x	x	x	x	x		x	x		x		g)		
2-Mercaptobenzothiazole	2-MBT	149-30-4			100 mg/kg									x												
Formaldehyde (< 36 months[d)])		50-00-0			16 mg/kg	75 mg/kg R1			x	x	x							x	x	x	x	x	x			x
Formaldehyde (> 36 months)		50-00-0			75 mg/kg				x	x	x							x	x	x	x	x	x	x		x
Glutaraldehyde		111-30-8			500 mg/kg		√		x	x	x															
Melamin		108-78-1			500 mg/kg		√		x	x	x															
Bisphenol S		80-09-1			500 mg/kg		√		x	x	x															
Bisphenol F		620-92-8			500 mg/kg				x	x	x															
Bisphenol A		80-05-7			500 mg/kg		√											x						x		
6,6'-Di-tert-butyl-2,2'-methylendi-p-cresol	DBMC	119-47-1			1000 mg/kg		√							x												
Quinoline		91-22-5			50 mg/kg	50 mg/kg R1												x	x	x	x	x				x
Nitrosamine (< 36 months[d)])					0.5 mg/kg									●												
pH-Value					3.5-7.0				●	●	●															
pH-Value					4.0-7.5													●	●	●	●	●	●			●
p-Phenylenediamine	pPDA	106-50-3			h)													x	x		x	x				
Fluorinated Greenhouse Gases [h)] See Regulation (EC) No. 517/2014 for a complete list		various			not detected			x																		
Ozone-depleting Substances [h)] See Regulation (EC) No. 1005/2009 for a complete list		various			not detected			x																		

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Perfluorinated Substances (PFAS) [f)]									x	x	x							x	x	x	x	x				
Perfluoro-n-hexanoic acid and salts					∑ 0.025 mg/kg	∑ 0.025 mg/kg valid from 10/2026 R1																				
Perfluoro-n-hexanoic acid	PFHxA	307-24-4																								
Salts of perfluoro-n-hexanoic acid																										
• Ammonium salt of perfluoro-n-hexanoic acid	APFHx	21615-47-4																								
Substances related to perfluoro-n-hexanoic acid					∑ 1 mg/kg	∑ 1 mg/kg valid from 10/2026 R1																				
6:2 Fluorotelomere alcohol	6:2 FTOH	647-42-7																								
6:2 Fluorotelomere acrylate	6:2 FTA	17527-29-6																								
6:2 Fluorotelomere methacrylate	6:2 FTMA	2144-53-8																								
6:2 Fluorotelomersulfonic acid	6:2 FTS	27619-97-2																								
Perfluoro-n-heptanoic acid					0.025 mg/kg																					
Perfluoro-n-heptanoic acid	PFHpA	375-85-9					√																			
Perfluoro-n-octanoic acid and salts					∑ 0.025 mg/kg	∑ 0.025 mg/kg P																				
Perfluoro-n-octanoic acid	PFOA	335-67-1					√																			
Salts of Perfluoro-n-octanoic acid:																										
• Ammoniumperfluoro-n-octanoate	APFO	3825-26-1																								
• Sodiumperfluoro-n-octanoate	Na-PFO	335-95-5																								
• Potassiumperfluoro-n-octanoate	K-PFO	2395-00-8																								
• Silverperfluoro-n-octanoate	Ag-PFO	335-93-3																								
• Perfluoro-n-octanoylfluoride	F-PFO	335-66-0																								
Substances related to Perfluoro-n-octanoic acid					∑ 1 mg/kg	∑ 1 mg/kg P																				
Methylperfluoro-n-octanoate	Me-PFOA	376-27-2																								
Ethylperfluoro-n-octanoate	Et-PFOA	3108-24-5																								
8:2 Fluorotelomere alcohol	8:2 FTOH	678-39-7																								
8:2 fluorotelomere acrylate	8:2 FTA	27905-45-9																								
8:2 fluorotelomere methacrylate	8:2 FTMA	1996-88-9																								
8:2 Fluorotelomersulfonic acid	8:2 FTS	39108-34-4																								
C9-C14-Perfluorinated carboxylic acids and salts					∑ 0.025 mg/kg	∑ 0.025 mg/kg R1																				
Perfluor-n-nonanoic acid	PFNA	375-95-1					√																			
Salts of Perfluoro-n-nonanoic acid:																										
• Ammoniumperfluoro-n-nonanoate	NH4-PFN	4149-60-4					√																			
• Sodiumperfluoro-n-nonanoate	Na-PFN	21049-39-8					√																			
Perfluoro-n-decanoic acid	PFDA	335-76-2					√																			
Salts of Perfluoro-n-decanoic acid																										
• Ammoniumperfluoro-n-decanoate	NH4-PFD	3108-42-7					√																			
• Sodiumperfluoro-n-decanoate	Na-PFD	3830-45-3					√																			
Perfluoro-n-undecanoic acid	PFUnA	2058-94-8					√																			
Perfluoro-n-dodecanoic acid	PFDoA	307-55-1					√																			
Perfluoro-n-tridecansäure	PFTrDA	72629-94-8					√																			
Perfluoro-n-tetradecanoic acid	PFTeDA	376-06-7					√																			
Perfluoro (3,7-dimethyl-n-octanoic acid)	PF-3,7-DMOA	172155-07-6																								
Substances related to C9-C14 Perfluorinated carboxylic acids																										
2H,2H,3H,3H-perfluoro-n-undecanoic acid	4HPFUnA	34598-33-9																								

Substance Group	Short Name	CAS No. 1	CAS No. 2		2026 CADS Limits Version 13 07/2026 update	Legal limits EU R1 = REACH Appendix XVII D = German limit P = POP-VO S = other limit	REACH SVHC-Candidate	Whole product	Leather / fur [o)]	Coated Leather	Leather fibre board	PVC	EVA, EVA foam	Rubber materials Latex	PU, TPU as Polymer	TPE-TPR	Blown materials, Foam	Synth. Textile	Coated Textile	PU-coating DMFa-"free"	Natural Textile	Textiles with aplications	Wood, Cork	Adhesive, process chemicals (processed)	Metallic Hardware	Cellulosic Material
8:2 Fluorotelomere alcohol	8:2 FTOH [Ag]	678-39-7			∑ 0.260 mg/kg	∑ 0.260 mg/kg R1																				
10:2 Fluorotelomere alcohol	10:2 FTOH	865-86-1																								
12:2 Fluorotelomere alcohol	12:2 FTOH	39239-77-5																								
10:2 Fluorotelomere Acrylate	10:2 FTA	17741-60-5																								
10:2 Fluorotelomersulfonic acid	10:2 FTS	120226-60-0																								
Perfluorooctane sulfonic acid and its salts					∑ 0,025 mg/kg	0,025 mg/kg PFOS and its salts P																				
Perfluoro-n-octane sulfonic acid	PFOS	1763-23-1																								
Salts of Perfluoro-n-octane sulfonoic acid C8F17SO2X	PFOS-X																									
• Potassiumperfluoro-n-octansulfonate		2795-39-3																								
• Lithiumperfluor-n-octansulfonate		29457-72-5																								
• Ammoniumperfluoro-n-octansulfonate		29081-56-9																								
• Bis(2-hydroxyethyl)ammoniumperfluoro-n- octansulfonate		70225-14-8																								
• Tetraethylammoniumperfluoro-n-octansulfonate		56773-42-3																								
Derivatives of Perfluoro-octansulfonoic acid					∑ 1 mg/kg	∑ 1 mg/kg PFOS-related substances P																				
Perfluoro-octansulfonamide	FOSA	754-91-6																								
N-Methylperfluoro-1-octansulfonamide	N-MeFOSA	31506-32-8																								
N-Ethylperfluoro-1-octansulfonamide	N-EtFOSA	4151-50-2																								
2-(N-Methylperfluoro-1-octansulfonamide)-ethanol	N-MeFOSE	24448-09-7																								
2-(N-Ethylperfluoro-1-octansulfonamide)-ethanol	N-EtFOSE	1691-99-2																								
Perfluoro-octansulfonylfluoride	PFOSF	307-35-7																								
Perfluoro sulfonic acid and Salts																										
Perfluoro hexansulfonoic acid	PFHxS	355-46-4			∑ 0.025 mg/kg	∑ 0.025 mg/kg P	√																			
Substances related to Perfluoro hexansulfonic acid					∑ 1 mg/kg + PFHxS	∑ 1 mg/kg + PFHxS P																				
no substances listed																										
Total Fluorine [r2)]					50 mg/kg	France, Denmark, not PPE and US			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PFAS Declaration of non-use																										
AP/APEOs					all Isomeres	all Isomeres																				
Nonylphenol	NP	104-40-5	84852-15-3		30 mg/kg	1000 mg/kg Mixture R1	√			x		x	x	x	x	x	x		x	x		x				
Octylphenol	OP	140-66-9	1806-26-4		30 mg/kg		√			x		x	x	x	x	x	x		x	x		x				
Nonylphenol ethoxylated	NPEO	68412-54-4			100 mg/kg	100 mg/kg R1 [s)]	√		x	x	x							x	x	x	x	x		x		x
Octylphenol ethoxylated	OPEO	9002-93-1			100 mg/kg		√		x	x	x							x	x	x	x	x		x		x
Phthalates										x		x	x	x	x	x	x		x	x		x		x		x
Benzylbutylphthalate [(p)]	BBP	85-68-7				1000 mg/kg per individual substance ∑ 1000 mg/kg R1	√																			
Di-n-butylphthalate [(p)]	DBP	84-74-2					√																			
Diethylhexylphthalate [(p)]	DEHP	117-81-7					√																			
Diisobutylphthalate [(p)]	DIBP	84-69-5					√																			
Di-(2-methoxyethyl)-phthalate	DMEP	117-82-8				1000 mg/kg per individual Substance ∑ 1000 mg/kg plus Phthalates marked [(p)] R1	√																			
Di-n-hexylphthalate	DHP	84-75-3					√																			
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	DIHP	71888-89-6					√																			
Dipentylphthalate	DPP/DPENP	131-18-0					√																			
Diisopentylphthalate	DIPP	605-50-5					√																			

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1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters [p]	DHNUP	68515-42-4			500 mg/kg per individual Substance ∑ 1000 mg/kg		√																			
1,2-Benzenedicarboxylic acid, dipentylester branched and linear [p]		84777-06-0					√																			
n-Pentyl-iso-pentylphthalate [p]	PIPP	776297-69-9					√																			
1,2-Benzoldicarboxylic acid, Dihexylester, branached and linear [p]	DHxP	68515-50-4					√																			
Dicyclohexylphthalate [p]	DCHP	84-61-7					√																			
Di-isooctylphthalate [p]	DIOP	27554-26-3																								
Diisohexylphthalate [p]	DIHxP	71850-09-4					√																			
Diisodecylphthalate	DIDP	26761-40-0	68515-49-1																							
Diisononylphthalate	DINP	28553-12-0	68515-48-0																							
Di-n-octylphthalate	DNOP	117-84-0																								
Diethylphthalate	DEP	84-66-2																								
Dimethylphthalate	DMP	131-11-3																								
Dipropylphthalate	DPRP	131-16-8																								
1,2-Benzenedicarboxylic acid, di-C6–10-Alkylester or mixture of Decyl- and Hexyl- and Octyl-Diester with ≥ 0.3% Dihexylphthalate		68648-93-1	68515-51-5				√																			

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Polycyclic aromatic hydrocarbons (REACh)					each PAH	each PAH				x		x	x	x	x	x	x	x	x	x		x		x		
Benzo[a]anthracene		56-55-3			0.5 mg/kg		√																			
Benzo[a]pyrene		50-32-8			0.5 mg/kg		√																			
Benzo[b]fluoranthene		205-99-2			0.5 mg/kg	1.0 mg/kg each PAH																				
Benzo[e]pyrene		192-97-2			0.5 mg/kg	< 36 month [d]:																				
Benzo[j]fluoranthene		205-82-3			0.5 mg/kg	0.5 mg/kg each PAH																				
Benzo[k]fluoranthene		207-08-9			0.5 mg/kg	R1 [i]	√																			
Dibenzo[a,h]anthracene		53-70-3			0.5 mg/kg																					
Chrysene		218-01-9			0.5 mg/kg		√																			
Polycyclic aromatic hydrocarbone (EPA)										x		x	x	x	x	x	x	x	x	x		x		x		
Acenaphthene		83-32-9																								
Acenaphthylene		208-96-8																								
Anthracene		120-12-7					√																			
Benzo[g,h,i]perylene		191-24-2					√																			
Fluoranthene		206-44-0					√																			
Fluorene		86-73-7																								
Indeno[1,2,3-cd]pyrene		193-39-5																								
Phenanthrene		85-01-8					√																			
Pyrene		129-00-0			∑ 10 mg/kg		√																			
Benzo[a]anthracene (REACh)		56-55-3					√																			
Benzo[a]pyrene (REACh)		50-32-8					√																			
Benzo[b]fluoranthene (REACh)		205-99-2																								
Benzo[e]pyrene (REACh)		192-97-2																								
Benzo[j]fluoranthene (REACh)		205-82-3																								
Benzo[k]fluoranthene (REACh)		207-08-9					√																			
Dibenzo[a,h]anthracene (REACh)		53-70-3																								
Chrysene (REACh)		218-01-9					√																			
Naphthalene		91-20-3			10 mg/kg [e]					x		x	x	x	x	x	x	x	x	x	x	x		x		

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Extractable volatile organic compounds																										
Dimethylformamide (< 36 months [d)])	DMFA	68-12-2			100 mg/kg		√			x									x							
Dimethylformamide (> 36 months)	DMFA	68-12-2			500 mg/kg	3000 mg/kg R1	√			x									x							
Dimethylformamide	DMFA	68-12-2			50 mg/kg		√													x						
Dimethylacetamide (< 36 months [d)])	DMAC	127-19-5			100 mg/kg	3000 mg/kg R1	√			x									x							
Dimethylacetamide (> 36 months)	DMAC	127-19-5			500 mg/kg		√			x									x							
Formamide (< 36 months [d)])		75-12-7			100 mg/kg		√						x				x									
Formamide (> 36 months)		75-12-7			500 mg/kg		√						x				x									
1-Methyl-2-pyrrolidone	NMP	872-50-4			500 mg/kg	3000 mg/kg R1	√		x	x	x													x		
Bis(2-methoxyethyl)ether	BMEE	111-96-6			1000 mg/kg		√		x	x	x													x		
Volatile Organic Compounds								x																		
2-Phenyl-2-Propanol	2-P-2-P	617-94-7			10 mg/kg								x											x		
Acetophenone		98-86-2			10 mg/kg								x											x		
Benzene		71-43-2			5 mg/kg	5 mg/kg R1				x									x	x				x		
Toluene		108-88-3			10 mg/kg					x									x	x				x		
1,2-Dichlorethane		107-06-2			10 mg/kg		√																	x		
Ethylbenzene		100-41-4			50 mg/kg																			x		
o-Xylene m-Xylene p-Xylene		95-47-6 108-38-3 106-42-3			50 mg/kg																			x		
2-Butanone	MEK	78-93-3			50 mg/kg																			x		
Cyclohexanone		108-94-1			50 mg/kg																			x		
Perchlorethylene / Tetrachlorethene		127-18-4			10 mg/kg	S (France)																		x		

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Chlorinated benzenes and toluenes																		●	●	●				[g)]		
2-Chlorotoluene		95-49-8			1 mg/kg per individual substance ∑ 10 mg/kg													●	●	●						
3-Chlorotoluene		108-41-8																●	●	●						
4-Chlorotoluene		106-43-4																●	●	●						
2,3-Dichlorotoluene		32768-54-0																●	●	●						
2,4-Dichlorotoluene		95-73-8																●	●	●						
2,5-Dichlorotoluene		19398-61-9																●	●	●						
2,6-Dichlorotoluene		118-69-4																●	●	●						
3,4-Dichlorotoluene		95-75-0																●	●	●						
2,3,6-Trichlorotoluene		2077-46-5																●	●	●						
2,4,5-Trichlorotoluene		6639-30-1																●	●	●						
2,3,4,5-Tetrachlorotoluene		76057-12-0																●	●	●						
2,3,4,6-Tetrachlorotoluene		875-40-1																●	●	●						
Pentachlorotoluene		877-11-2																●	●	●						
1,3-Dichlorobenzene		541-73-1																●	●	●						
1,4-Dichlorobenzene		106-46-7																●	●	●						
1,2,3-Trichlorobenzene		87-61-6																●	●	●						
1,2,4-Trichlorobenzene		120-82-1																●	●	●						
1,3,5-Trichlorobenzene		108-70-3																●	●	●						
1,2,3,4-Tetrachlorobenzene		634-66-2																●	●	●						
1,2,3,5-Tetrachlorobenzene		634-90-2																●	●	●						
1,2,4,5-Tetrachlorobenzene		95-94-3																●	●	●						
Pentachlorobenzene		608-93-5																●	●	●						
Hexachlorobenzene		118-74-1				10 mg/kg P												●	●	●						
p-Chlorobenzotrichloride		5216-25-1				1 mg/kg R1												x	x	x	x	x				x
Benzotrichloride		98-07-7																x	x	x	x	x				x
Benzylchloride		100-44-7																x	x	x	x	x				x
1,2-Dichlorobenzene		95-50-1			10 mg/kg													●	●	●						

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Flame Retardants [m)]					each Substance			x																		
Tris(2,3-dibromopropyl)phosphate	TRIS	126-72-7			10 mg/kg	No use R1																				
Tris(1-aziridinyl)phosphineoxide	TEPA	545-55-1			10 mg/kg	No use R1																				
Tris(2-chloroethyl)phosphate	TCEP	115-96-8			10 mg/kg		√																			
Tris(1,3-dichloro-2-propyl)phosphate	TDCPP	13674-87-8			10 mg/kg																					
Tris(2-chloro-1-isopropyl)phosphate	TCPP	13674-84-5			10 mg/kg																					
Trixylylphosphate	TXP	25155-23-1			10 mg/kg		√																			
Polybrominated biphenyles	PBB	59536-65-1			10 mg/kg																					
4-Bromo biphenyl	MonoBB	92-66-0			10 mg/kg																					
4,4'-Dibromo biphenyl	DiBB	92-86-4			10 mg/kg																					
2,4,5-Tribromo biphenyl	TriBB	115245-07-3			10 mg/kg																					
2,2',4,5'-Tetrabromo biphenyl	TetraBB	60044-24-8			10 mg/kg																					
2,2',4,5',6-Pentabromo biphenyl	PentaBB	59080-39-6			10 mg/kg	No use R1																				
2,2',4,4',5,5'-Hexabromo biphenyl	HexaBB	59080-40-9			10 mg/kg																					
2,2',3,4,4',5,5'-Heptabromo biphenyl	HeptaBB	67733-52-2			10 mg/kg																					
2,2',3,3',4,4',5,5'-Octabromo biphenyl	OctaBB	67889-00-3			10 mg/kg																					
2,2',3,3',4,4',5,5',6-Nonabromo biphenyl	NonaBB	69278-62-2			10 mg/kg																					
Decabromobiphenyl	DecaBB	13654-09-6			10 mg/kg																					
Tetrabromodiphenylether	tetraBDE	40088-47-9			10 mg/kg																					
Pentabromodiphenylether	PentaBDE	32534-81-9			10 mg/kg	∑500 mg/kg Tetra, Penta, Hexa, Hepta and DecaBDE, P																				
Hexabromodiphenylether	hexaBDE	36483-60-0			10 mg/kg																					
Heptabromodiphenylether	heptaBDE	68928-80-3			10 mg/kg																					
Decabromodiphenylether	DecaBDE	1163-19-5			10 mg/kg		√																			
Hexabromocyclododecane	HBCDD	25637-99-4	3194-55-6		10 mg/kg	75 mg/kg, P	√																			
Octabromodiphenylether	octaBDE	32536-52-0			10 mg/kg	1000 mg/kg R1																				
Nonabromodiphenylether	nonaBDE	63936-56-1			10 mg/kg	1000 mg/kg R1																				
2,2-Bis(bromomethyl)propane-1,3-diol	BBMP	3296-90-0			10 mg/kg																					
Bis(2,3-dibromopropyl)phosphate	BDBPP	5412-25-9			10 mg/kg																					
Tetrabromobisphenol A	TBBP A	79-94-7			10 mg/kg		√																			

Information

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The CADS limits are valid for the legal area of the European Union / EU.

Analysis have to be carried out according to the standards and methods defined by cads cooperation. The actual list of methods can be found at www.cads-shoes.com

Remarks
changes are marked in red
x test/ limit for materials with and without skin contact (also applies to inaccessible materials)
● test/ limit only for materials with skin contact
* Recommendation of the Federal Institute for Risk Assessment (BFR)
a) According to Swiss government practice, a limit of 5 mg / kg is applied to the sum of PCP and TeCP
b) ISO 10195:2018
c) Detection limit of the test method
d) cads recommends including shoe size 28
d1) Articles and parts of articles that can be put into mouth by children
e) Evaluate positive test results of naphthalene separately
f) The european biocidal product regulation BPR defines the usage of biocide products in Europa and the import of articels treated with biocidal products. Compliance with the BPR is a minimun requirement.
g) Decision of the testing laboratory depending on the recipe to be tested. For example, for dyes, aromatic amines and dyes
h) Not to be tested, proof of conformity declaration

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i) Applies to repeatedly touchable plastics																									
j) There are different CAS numbers for identical substances or substance mixtures																									
k) For arabic countries																									
l) Conversion only with standard-compliant extraction and correct weigh-in																									
m) Testing recommended on equipped articles																									
n) For USA only																									
o) Fur has to be tested with hair																									
p) If one of the five phthalates from REACH Annex XVII entry 72 is detected, the phthalates from entry 51 and entry 28-30 must also be included for total of sum																									
q) in packaging and components of packaging, does not apply to reusable packaging in systems set up for reuse																									
r1) Applies primarily to materials with water-repellent or dirt-repellent properties and to membranes.																									
r2) New, as a new parameter has been added: Applies to items for France and Denmark; does not apply to PPE. Applies to the US.																									
s) Applies to textile products that can reasonably be expected to be washed in water during their normal life cycle. Textile product is defined as unfinished product, semi-finished product and finished product with a weight content of textile fibers of at least 80%, as well as any other product that has a weight content of textile fibers of at least 80% in one of its parts. Does not apply to used textile products or new ones made exclusively from recycled textiles Textile products made without the use of NPE.																									

Change index CADS RSL 2026 Update Version 2026.07.