STANDARD 2024

RESTRICTED SUBSTANCES LIST (RSL)



		ALDI RSL Limits				
Substance	**CAS-no.**	**Product section / Limits - Textiles**	**Product section / Limits - Shoes**	**Test Method**	**Materials**	**High risk Material**
Alkylphenols / Alkylphenolethoxylates (AP/APEO)						
Octylphenol (OP), mixed isomers	various	AP: 5 mg/kg (sum) AP + APEO: 50 mg/kg (sum)	AP: 10 mg/kg (sum) AP + APEO: 50 mg/kg (sum)	Textiles and Leather: EN ISO 21084:2019 Polymers and all other materials: 1 g sample/20 mL THF, sonication for 60 minutes at 70° C, analysis according to EN ISO 21084:2019	NP, OP: Polymers intended to come into contact with human skin NPEO, OPEO: Applicable for main textile materials (apparel and home textiles) and leather.	Natural fibers Synthetic fibers Natural & synthtetic blends Synthetic coated fabrics Natural Leather & fur skin Natural materials Feathers & Downs EVA PU foams All other PU & TPU Rubber (excludes latex and silicone rubber) Polycarbonate ABS PVC All other foams, plastics & polymers Coatings & prints Glue
Nonylphenol (NP), mixed isomers	various					
Octylphenol Ethoxylates (OPEO)	various			All materials except Leather: EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS Leather: Sample prep and analysis using EN ISO 18218-1:2023 with quantification according to EN ISO 18254-1:2016		
Nonylphenol Ethoxylates (NPEO)	various					
Phthalates						
Di-Butyl Phthalate (DBP)	84-74-2	total: 250 mg/kg	total: 500 mg/kg	Sample preparation for all materials: CPSC-CH-C1001-09.4 Measurement: Textiles: GC/MS, EN ISO 14389:2014 (7.1 Calculation based on weight of print only; 7.2 Calculation based on weight of print and textile if print cannot be removed). All materials except textiles: GC/MS	synthetic coated fabric, artificial leather polymers, foams, coatings and prints, glue	Synthetic coated fabrics EVA PU foams All other PU & TPU Rubber (excludes latex and silicone rubber) Polycarbonate All other foams, plastics & polymers Coatings & prints Glue
Di(2-Ethyl Hexyl) Phthalate (DEHP)	117-81-7					
Benzyl Butyl Phthalate (BBP)	85-68-7					
Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0					
Di-N-Octyl Phthalate (DNOP)	117-84-0					
Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1					
Di-Iso-Butyl Phthalate (DIBP)	84-69-5					
Di-N-Hexyl Phthalate (DNHP)	84-75-3					
Di-(2-methoxyethyl) Phthalate (DMEP)	117-82-8					
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4					
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6					
Di-n-pentyl phthalate (DPP)	131-18-0					
Diisopentylphthalate (DIPP)	605-50-5					
Diethylphthalate (DEP)	84-66-2					
Dimethylphthalate (DMP)	131-11-3					
Dicyclohexyl phthalate (DCHP)	84-61-7					
Dipropyl phthalate (DPRP)	131-16-8					
Diisooctyl phthalate (DIOP)	27554-26-3					
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4					
Diisohexyl phthalate (DIHxP)	71850-09-4					
1,2-Benzenedicarboxylic acid Dipentyl ester, branched and linear	84777-06-0					
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate; 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68648-93-1 68515-51-5					
n-Pentyl-isopentylphthalate (nPIPP)	776297-69-9					
Dipropylheptyl phthalate (DPHP)	53306-54-0					
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7					

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Substance	**CAS-no.**	**Product section / Limits - Textiles**	**Product section / Limits - Shoes**	**Test Method**	**Materials**	**High risk Material**
Flame Retardants						
Polybrominated biphenyls (PBBs)	various	< 5 mg/kg	< 5 mg/kg	EN ISO 17881-1:2016 EN ISO 17881-2:2016	all materials, only if Flame Retardant use or contamination is suspected	only if Flame Retardant use or contamination is suspected
Polybrominated diphenyl ethers (PBDEs)	various					
Tris(2,3-Dibromopropyl)-Phosphate (TRIS)	126-72-7					
Tris(2-Chloroethyl)Phosphate (TCEP)	115-96-8					
Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6					
Tetrabromo-bisphenol A (TBBPA)	79-94-7					
Tris(1-aziridinyl)phosphine oxide) (TEPA)	545-55-1					
Tri-o-cresyl phosphate	78-30-8					
Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8					
Decabromodiphenyl ethane (DBDPE)	84852-53-9					
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0					
Trixylyl phosphate (TXP)	25155-23-1					
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9					
Flame Retardants - borone and antimony based						
Sodium tetraborate	1303-96-4, 1303-43-4, 12179-04-3, 215-540-4	< 5 mg/kg	< 5 mg/kg	All materials except leather: DIN EN 16711-1:2016 Leather: DIN EN ISO 17072-2:2019 (analysis of the elements)	all materials, only if Flame Retardant use or contamination is suspected	only if Flame Retardant use or contamination is suspected
Boron trioxide	1303-86-2					
Boric acid	10043-35-3, 11113-50-1					
Antimony trioxide	1309-64-4					
Amines (associated with Azo dyes/ colorants)						
4-Aminodiphenyl	92-67-1	< 20 mg/kg (each)	< 20 mg/kg (each)	All materials except leather: EN ISO 14362-1:2017 Leather: EN ISO 17234-1:2020 p-Aminoazobenzene: All materials except leather: EN ISO 14362-3:2017 Leather: EN ISO 17234-2:2011	textile, leather, artificial leather, natural materials, feathers and downs	Natural fibers Synthetic fibers Natural & synthtetic blends Synthetic coated fabrics Natural Leather & fur skin Natural materials Feathers & Downs for dyed/colored materials (non-white) only
Benzidine	92-87-5					
4-Chloro-o-Toluidine	95-69-2					
2-Naphthylamine	91-59-8					
o-Aminoazotoluene	97-56-3					
2-Amino-4-Nitrotoluene	99-55-8					
p-Chloroaniline	106-47-8					
2,4-Diaminoanisole	615-05-4					
4,4'-Diaminodiphenylmethane	101-77-9					
3,3'-Dichlorobenzidine	91-94-1					
3,3'-Dimethoxybenzidine	119-90-4					
3,3'-Dimethylbenzidine	119-93-7					
3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0					
p-Cresidine	120-71-8					
4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4					
4,4'-Oxydianiline	101-80-4					
4,4'-Thiodianiline	139-65-1					
o-Toluidine	95-53-4					
2,4-Toluylenediamine	95-80-7					
2,4,5-Trimethylaniline	137-17-7					
o-Anisidine	90-04-0					
p-Aminoazobenzene	60-09-3					
2,4-Xylidine	95-68-1					
2,6-Xylidine	87-62-7					
4-Chloro-o-toluidinium chloride	3165-93-3					
2-Naphthylammoniumacetate	553-00-4					
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7					
2,4,5-Trimethylaniline hydrochloride	21436-97-5					
Aniline (free and cleavable)	62-53-3	100 mg/kg	100 mg/kg			

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Dyes (forbidden, carcinogenic and Disperse)						
C.I Disperse Blue 1	2475-45-8	< 20 mg/kg (each)	< 20 mg/kg (each)	DIN 54231:2022	synthtetic fiber, natural+synthetic fiber, synthetic coated fabric, artificial leather	Synthetic fibers Natural & synthtetic blends Synthetic coated fabrics for dyed/colored materials (non-white) only.
C.I. Disperse Blue 3	2475-46-9					
C.I. Disperse Blue 7	3179-90-6					
C.I. Disperse Blue 26	3860-63-7					
C.I. Disperse Blue 35	12222-75-2; 56524-77-7; 56524-76-6					
C.I. Disperse Blue 102	12222-97-8					
C.I. Disperse Blue 106	12223-01-7					
C.I. Disperse Blue 124	61951-51-7					
C.I. Disperse Brown 1	23355-64-8					
C.I. Disperse Orange 1	2581-69-3					
C.I. Disperse Orange 3	730-40-5					
C.I. Disperse Orange 11	82-28-0					
C.I. Disperse Orange 37/76/59	12223-33-5 13301-61-6 51811-42-6					
C.I. Disperse Orange 149	85136-74-9					
C.I. Disperse Red 1	2872-52-8					
C.I. Disperse Red 11	2872-48-2					
C.I. Disperse Red 17	3179-89-3					
C.I. Disperse Red 151	61968-47-6					
C.I. Disperse Yellow 1	119-15-3					
C.I. Disperse Yellow 3	2832-40-8					
C.I. Disperse Yellow 7	6300-37-4					
C.I. Disperse Yellow 9	6373-73-5					
C.I. Disperse Yellow 23	6250-23-3					
C.I. Disperse Yellow 39	12236-29-2					
C.I. Disperse Yellow 49	54824-37-2 6858-49-7					
C.I. Disperse Yellow 56	54077-16-6					
C.I Acid Red 26	3761-53-3					
C.I Acid Red 114 (1)	6459-94-5					
C.I Acid Violet 49	1694-09-3					
C.I. Basic Blue 26	2580-56-5					
C.I. Basic Green 4	569-64-2, 2437-29-8, 10309-95-2					
C.I. Basic Red 9	569-61-9					
C.I. Basic Violet 1	8004-87-3					
C.I. Basic Violet 3 (with ≥ 0,1 % Michler´s ketone or base)	548-62-9					
C.I. Basic Violet 14	632-99-5					
C.I Direct Blue 6	2602-46-2					
C.I. Direct Blue 15 (1)	2429-74-5					
C.I. Basic Blue 26	2580-56-5					
C.I. Direct Blue 218	28407-37-6					
C.I Direct Black 38	1937-37-7					
C.I. Direct Brown 95	16071-86-6					
C.I Direct Red 28	573-58-0					
C.I. Solvent Yellow 1 (1)	60-09-3					
C.I. Solvent Yellow 2	60-11-7					
C.I. Solvent Yellow 3 (1)	97-56-3					
C.I. Solvent Yellow 14	842-07-9					
C.I. Solvent Blue 4	6786-83-0					
4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1					
(1) covered by azo dye analysis						

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Pigment Dyes						
Pigment Red 104	12656-85-8	< 20 mg/kg (each)	< 20 mg/kg (each)	All materials except leather: DIN EN 16711-1:2016 Leather: DIN EN ISO 17072-2:2019 (analysis of the elements)	Main pigment prints	
Dyes, Navy Blue						
Navy Blue: Component 1: C39H23ClCrN7O12S.2Na	118685-33-9	< 30 mg/kg (each)	< 30 mg/kg (each)	DIN 54231:2022	synthetic and blend textiles	
Navy Blue: Component 2: C46H30CrN10O20S2.3Na	Not allocated					
Organotin compounds						
MBT(Monobutyltin)	various	0,5 mg/kg (each)	0,5 mg/kg (each)	CEN ISO/TS 16179:2012 or EN ISO 22744-1:2020	artificial leather, polymers (without PC, ABS), coatings and prints, glue Polymers with minimum area: 1 dm²	Synthetic coated fabrics PU foams All other PU & TPU Rubber (excludes latex and silicone rubber) PVC All other foams, plastics & polymers Coatings & prints Glue
MMT(Monomethyltin)	various					
MOT(Monooctyltin)	various					
MPhT (Monophenyltin)	various					
DBT(Dibutyltin)	various					
DOT(Dioctyltin)	various					
DPhT(Diphenyltin)	various					
DMT(Dimethyltin)	various					
DPrT(Dipropyltin)	various					
TBT(Tributyltin)	various					
TPhT(Triphenyltin)	various					
TCyT(TricyclohexylTin)	various					
TPT(Tripropyltin)	various					
TMT (trimethyl tin)	various					
TOT (trioctyl tin)	various					
TeBT(Tetrabutyltin)	various					
TeOT (Tetraoctyltin)	various					
TeET(Tetraethyltin)	various					
Per- and Polyfluoroalkyl Substances (PFAS)						
All PFAS as measured by total organic fluorine	various	100 mg/kg (by 2025) 50 mg/kg (by 2027)	100 mg/kg (by 2025) 50 mg/kg (by 2027)	EN 14582:2016 or ASTM D7359:2023	if used or contamination is suspected, such as water/stain resistant finishing	if PFAS use or contamination is suspected.
Perfluorooctane Sulfonate (PFOS) and related substances	various	1 µg/m² total	1 µg/m² total	All materials: EN ISO 23702-1:2023 or EN 17681-1:2022 & 17681-2:2022 The 1 µg/m2 total area-based limit for PFOS and related substances is in the process of revision under the EU POPs Regulation and will transition to a 25 ppb total sum limit on PFOS and its salts and a 1000 ppb total sum limit on PFOS-related substances. This will bring EU PFOS restrictions into alignment with other existing PFAS restrictions included here. Important note: New draft updated method prEN 17681-1:2023 for targeted PFAS analysis is likely to be finalized and adopted in a future version of the AFIRM RSL. AFIRM anticipates higher findings of various PFAS analytes, especially FTOHs, with this new method, and industry should prepare accordingly		
Perfluorooctanoic Acid (PFOA) and its salts	various	0,025 mg/kg total	0,025 mg/kg total			
PFOA-related substances	various	1 mg/kg total	1 mg/kg total			
Perfluorohexane-1-sulphonic acid (PFHxS) and its salts	various	0,025 mg/kg total	0,025 mg/kg total			
PFHxS-related substances	various	1 mg/kg total	1 mg/kg total			
C9-C14 Perfluorocarboxylic acids (PFCAs) and their salts	various	0,025 mg/kg total	0,025 mg/kg total			
C9-C14 PFCA-related substances	various	0,26 mg/kg total	0,26 mg/kg total			
PFHxA, its salts, and related substances	various	Anticipated regulated limits in the EU: PFHxA and its salts: 25 ppb PFHxA-related substances: 1000 ppb	Anticipated regulated limits in the EU: PFHxA and its salts: 25 ppb PFHxA-related substances: 1000 ppb			

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Substance	**CAS-no.**	**Product section / Limits - Textiles**	**Product section / Limits - Shoes**	**Test Method**	**Materials**	**High risk Material**
Chloro benzenes and chloro toluenes						
Chloro benzenes						
1,2-Dichlorobenzene	95-50-1					
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					
Chloro toluenes						
2-chlorotoluene	95-49-8					
3-chlorotoluene	108-41-8					
4-chlorotoluene	106-43-4					
2,3-dichlorotoluene	32768-54-0					
2,4-dichlorotoluene	95-73-8	1 mg/kg (sum chloro benzenes and chloro toluenes)	1 mg/kg (sum chloro benzenes and chloro toluenes)	EN 17137:2018	synthtetic fiber, blends, synthetic coated fabric, artificial leather	
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					
2,3,5,6-Tetrachlorotoluene	1006-31-1					
Pentachlorotoluene	877-11-2					
Benzotrichloride	98-07-7					
alpha, alpha, alpha, 4-tetrachlorotoluene	5216-25-1					
benzyl chloride	100-44-7					
alfa, 2,4-trichlorotoluene	94-99-5					
alfa, 2,6-trichlorotoluene	2014-83-7					
alfa, 3,4-trichlorotoluene	102-47-6					
alpha, alpha, alpha, 2,-tetrachlorotoluene	2136-89-2					
Odour						
Odour	none	< 3: compliant ≥ 3: non-compliant	≤ 3: compliant > 3: non-compliant	SNV 195 651	In the case of non-compliancy a test for volatile organic compounds (VOC) is required.	

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Volatile Organic Compounds (VOCs)						
Chlorinated Solvents				For general VOC screening: GC/MS headspace 45 minutes at 120° C	To be tested if the odour test is not compliant	glue
Dichloromethane	75-09-2	1 mg/kg (each) / 5 mg/kg (sum)	1 mg/kg (each) / 5 mg/kg (sum)			
Chloroform	67-66-3					
Tetrachloromethane	56-23-5					
1,1,2-Trichloroethane	79-00-5					
1,1-Dichloroethane	75-34-3					
1,2-Dichloroethane	107-06-2					
Trichloroethylene	79-01-6					
Perchloroethylene	127-18-4					
1,1,1-trichloroethane	71-55-6					
1,1,1,2-Tetrachloroethane	630-20-6					
1,1,2,2-Tetrachloroethane	79-34-5					
Pentachloroethane	76-01-7					
1,1-Dichloroethylene	75-35-4					
1,2,3-trichloropropane	96-18-4					
Other VOC's						
Methyl-ethyl ketone	78-93-3	10 mg/kg (each)	50 mg/kg (each)			
Ethylbenzene	100-41-4					
Cyclohexanone	108-94-1					
Styrene	100-42-5					
2-ethoxyethylacetate	111-15-9					
Xylene	1330-20-7		30 mg/kg			
Acetophenone	98-86-2		10 mg/kg (each)			
2-phenyl-2-propanole	617-94-7					
Toluene	108-88-3					
Bis-(2-methoxyethyl) ether	111-96-6		500 mg/kg (leather only)			
Benzene	71-43-2	1 mg/kg	1 mg/kg			
Naphtalene	91-20-3	2 mg/kg	2 / 5 mg/kg 2 mg/kg for products with skin contact (AfPS)			
Carbon Disulfide	75-15-0	1000 mg/kg	1000 mg/kg			
Solvent residues						
N,N-dimethylformamide (DMFa)	68-12-2	< 100 mg/kg in general < 30 mg/kg for products with prolonged skin contact Relevant for claim verification for waterbased PU < 30 mg/kg	< 100 mg/kg in general < 30 mg/kg for products with prolonged skin contact Relevant for claim verification for waterbased PU < 30 mg/kg	Textiles: EN 17131:2019 All other materials: ISO 16189:2021	synthetic coated fabric, artificial leather, PU, coatings an prints (PU, PVC), glue	Synthetic coated fabrics PU foams All other PU & TPU Coatings & prints Glue
Formamide	75-12-7	For materials not intended to come into contact with human skin < 200 mg/kg For materials intended to come into contact with human skin or materials with a large surface area (> 10 dm²) < 30 mg/kg	For materials not intended to come into contact with human skin < 200 mg/kg For materials intended to come into contact with human skin or materials with a large surface area (> 10 dm²) < 30 mg/kg		EVA foams	
N,N-dimethylacetamide (DMAc)	127-19-5	500 mg/kg	500 mg/kg		elastane fibers in direct skin contact	Synthetic coated fabric
1-methyl-2-pyrrolidone (NMP)	872-50-4	500 mg/kg	500 mg/kg		synthetic coated fabric	

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Chloro phenols						
Pentachlorophenol (PCP)	87-86-5	Baby (< 36 month) / adult PCP - 0,05 / 0,25 mg/kg TeCP - 0,05 / 0,25 mg/kg (sum) TriCP - 0,2 / 1 mg/kg (sum)	Baby 16 mg/kg (shoe size 28 and below) / adult 0,5 / 1 mg/kg (each)	DIN EN 17134-2:2023	natural and synthetic fibres, natural leather and fur	
2,3,4,5-Tetrachlorophenol	4901-51-3					
2,3,4,6-Tetrachlorophenol	58-90-2					
2,3,5,6-tetrachlorophenol	935-95-5					
2,4,6-trichlorophenol	88-06-2					
2,3,4-trichlorophenol	15950-66-0					
2,3,5-trichlorophenol	933-78-8					
2,3,6-trichlorophenol	933-75-5					
2,4,5-trichlorophenol	95-95-4					
3,4,5-trichlorophenol	609-19-8					
2,3-dichlorophenol	576-24-9	Baby (< 36 month) / adult DiCP - 0,5 / 1 mg/kg (sum) MCP - 0,5 / 1 mg/kg (sum)	Baby 16 mg/kg (shoe size 28 and below) / adult 0,5 / 1 mg/kg (each) DiCP (leather): 1 mg/kg (each) MCP (leather): 2 mg/kg (each			
2,4-dichlorophenol	120-83-2					
2,5-dichlorophenol	583-78-8					
3,4-dichlorophenol	95-77-2					
3,5-dichlorophenol	591-35-5					
2-chlorophenol	95-57-8					
3-chlorophenol	108-43-0					
4-chlorophenol	106-48-9					
Chlorinated paraffins						
Short chained chlorinated paraffins SCCP (C10-13)	85535-84-8	50 mg/kg	100 mg/kg	Leather: ISO 18219-1:2021 (SCCP) ISO 18219-2:2021 (MCCP) Textiles and all other materials: ISO 22818:2021 (SCCP + MCCP)	leather, synthetic coated fabrics, artificial leather, polymers	Natural Leather & fur skin All other PU & TPU Rubber (excludes latex and silicone rubber) PVC
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	1000 mg/kg	1000 mg/kg			
Heavy metals total content						
Arsenic(As)	7440-38-2	100 mg/kg	100 mg/kg	All materials except leather: DIN EN 16711-1:2016 Leather: DIN EN ISO 17072-2:2019		Synthetic coated fabrics Metals Other: Porcelain, Ceramic, Glass, Crystal, etc. (for Cadmium and Lead only; Crystal is exempt for Lead.) EVA PU foams All other PU & TPU Rubber (excludes latex and silicone rubber) Polycarbonate ABS PVC All other foams, plastics & polymers Coatings & prints
Cadmium(Cd)	7440-43-9	40 mg/kg	40 mg/kg		Polymers, coatings, prints, artificial leather, metals	
Mercury(Hg)	7439-97-6	0,5 mg/kg	0,5 mg/kg			
Lead(Pb)	7439-92-1	75 mg/kg	75 mg/kg	Non-metal: CPSC-CH-E1002-08.3 Metal: CPSC-CH-E1001-08.3 Lead in paint and surface coatings: CPSC-CH-E1003-09.1	Polymers, coatings, prints, artificial leather, metals	
Chromium (Cr)	7440-47-3	1000 mg/kg	1000 mg/kg	All materials except leather: DIN EN 16711-1:2016 Leather: DIN EN ISO 17072-2:2019	Chromium free tannend leather only	

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Heavy metals extractable						
Cadmium (Cd)	7440-43-9	0,1 mg/kg	0,1 mg/kg	All materials except leather: DIN EN 16711-2:2016 Leather: DIN EN ISO 17072-1:2019	textiles, leather (main materials)	Natural fibers Synthetic fibers Natural & synthtetic blends Natural Leather & fur skin
Lead (Pb)	7439-92-1	0,2 mg/kg	0,2 mg/kg			
Mercury (Hg)	7439-97-6	0,02 mg/kg	0,02 mg/kg			
Nickel (Ni)	7440-02-0	1 mg/kg	1 mg/kg			
Arsenic (As)	7440-38-2	0,2 mg/kg	0,2 mg/kg			
Chromium (Cr) (textile)	7440-47-3	1 mg/kg	0,2 mg/kg			
Copper (Cu)	7440-50-8	Babies: 25 mg/kg, Adult: 50 mg/kg	50 mg/kg			
Antimony (Sb)	7440-36-0	30 mg/kg	30 mg/kg			
Cobalt (Co)	7440-48-4	1 mg/kg	4 mg/kg			
Barium (Ba)	7440-39-3	1000 mg/kg	1000 mg/kg			
Selenium (Se)	7782-49-2	500 mg/kg	500 mg/kg			
Zinc (Zn)	7440-66-6	750 mg/kg	750 mg/kg			
Manganese (Mn)	7439-96-5	90 mg/kg	90 mg/kg			
Borone (B)	7440-42-8	1200 mg/kg	1200 mg/kg			
Hexavalent Chromium(Cr-VI) (textile)	18540-29-9	0,5 mg/kg	1 mg/kg	DIN EN 16711-2:2016 with EN ISO 17075-1:2017 if Cr is detected	textile (main materials)	Natural fibers Synthetic fibers Natural & synthtetic blends
Chromium VI in leather with aging						
Hexavalent Chromium(Cr-VI) (leather)	18540-29-9	< 3 mg/kg (with aging)	< 3 mg/kg (with aging)	EN ISO 17075-1:2017 and EN ISO 17075-2:2017 for confirmation in case the extract causes interference. Alternatively, EN ISO 17075-2:2017 may be used on its own. Ageing test: ISO 10195:2018 Method A2 is used at brand discretion.	leather, fur	Natural Leather & fur skin
Nickel release						
Nickel release (Ni)	7440-02-0	Prolonged skin contact: 0.5 µg/cm²/week	Prolonged skin contact: 0.5 µg/cm²/week	EN 12472:2020 and EN 1811:2023 Release (eyewear frames): EN 16128:2015	metals with direct and prolonged skin contact	metals
Acidic and alkalyne substances						
pH value		Textiles: 4.0 – 7.5 Leather: Chrome-tanned: 3.2 – 4.5 Other: 3.5 – 7.0	Textiles: 4.0 – 7.5 Leather: Chrome-tanned: 3.2 – 4.5 Other: 3.5 – 7.0	Textiles and synthetic coated fabrics: EN ISO 3071:2020 Leather: EN ISO 4045:2018	textile, leather, artificial leather (main materials)	Natural fibers Synthetic fibers Natural & synthtetic blends Synthetic coated fabrics Natural Leather & fur skin
Bisphenols						
Bisphenol-A (BPA)	80-05-7	1 mg/kg Limit is applicable to items intended to come in contact with the mouth; Not detectable in baby products, or BPA free claimed products Others: 1000 mg/kg	1 mg/kg Limit is applicable to items intended to come in contact with the mouth; Not detectable in baby products, or BPA free claimed products Others: 1000 mg/kg	Leather: EN ISO 11936:2023 All other materials: Extraction: 1 g sample/20 ml THF, sonication for 60 minutes at 60° C, analysis with LC/MS Note for textiles: For precipitation, draw the extract to another container and add methanol or acetonitrile. Inaccurate higher results will be obtained if the textile sample contacts the precipitation solvent.	synthetic textile, coated textile, artificial leather, polymers	Synthetic fibers Natural & synthtetic blends Synthetic coated fabrics Natural Leather & fur skin Polycarbonate
Bisphenol S (BPS)	80-09-1	1000 mg/kg	1000 mg/kg			
Bisphenol B (BPB)	77-40-7					
Bisphenol F (BPF)	620-92-8					

		ALDI RSL Limits				
Substance	**CAS-no.**	**Product section / Limits - Textiles**	**Product section / Limits - Shoes**	**Test Method**	**Materials**	**High risk Material**
Dimethylfumarate						
Dimethylfumarate (DMFU)	624-49-7	0,1 mg/kg	0,1 mg/kg	All materials: ISO 16186:2021	natural leather, fur	
Fluorinated Greenhouse Gases						
Fluorinated Greenhouse Gases		see regulation (EU) No 517/2014 for complete list 0,1 mg/kg each	see regulation (EU) No 517/2014 for complete list 0,1 mg/kg each	sample preparation: purge and trap - thermal desorption or SPME measuremet: GC/MS		
Formaldehyde						
Formaldehyde	50-00-0	150 mg/kg (adults, no skin contact) 50 mg/kg (adults, skin contact) 16 mg/kg (< 36 month)	75 mg/kg 16 mg/kg (shoe size 28 and below)	all materials except leather: JIS L 1041-2011 A (Japan Law 112) or EN ISO 14184-1:2011 leather: EN ISO 17266-2:2019 with EN ISO 17266-1:2021 confirmation method in case interferences alternativeley EN ISO 17226-1:2021 can be used on its own	textile, leather, artificial leather, natural materials (main materials)	Natural fibers Synthetic fibers Natural & synthtetic blends Natural Leather & fur skin Natural materials (for Wood, Paper, and Straw materials only) Coatings & prints Glue
Monomeres						
Vinyl Chloride	75-01-4	1 mg/kg	1 mg/kg	EN ISO 6401:2022	PVC (main material)	Synthetic coated fabrics (PVC only) PVC Coatings & prints (PVC only)
Nitrosamines						
N-nitrosodimethylamine (NDMA)	62-75-9	0,5 mg/kg (each)	0,5 mg/kg (each)	EN ISO 19577:2019 with LC/MS/MS verification if possible	rubber (in direct skin contact)	
N-nitrosodiethylamine (NDEA)	55-18-5					
N-nitrosodiproplylamine (NDPA)	621-64-7					
N-nitrosodibutylamine (NDBA)	924-16-3					
N-nitrosopiperidine (NPIP)	100-75-4					
N-nitrosopyrrolidine (NPYR)	930-55-2					
N-nitrosomorpholine (NMOR)	59-89-2					
N-nitroso N-methyl N-phenylamine (NMPhA)	614-00-6					
N-nitroso N-ethyl N-phenylamine (NEPhA)	612-64-6					
Preservatives						
Ortho-phenylphenol (OPP)	90-43-7	10 mg/kg (textile) 1000 mg/kg (leather)	10 mg/kg (textile) 1000 mg/kg (leather)	DIN EN 17134-2:2023	textile, leather, artificial leather, coatings and prints	
4-chloro-3-methylphenol (CMK)	59-50-7	-	600 mg/kg	leather: EN ISO 13365-1:2020 textile: EN 17134-1:2023	leather	
2-octylisothiazolinone (OIT)	26530-20-1	-	250 mg/kg			
2-thiocyanomethylthiobenzothiazole (TCMTB)	21564-17-0	-	500 mg/kg			
Triclosan	3380-34-5	The use of triclosan should be avoided.			leather, textile	
ozone depleting substances						
ozone depleting substances	various	5 mg/kg see regulation (EC) No 1005/2009 for complete list	5 mg/kg see regulation (EC) No 1005/2009 for complete list	All materials: GC/MS headspace 120° C for 45 minutes		
Pesticides and Herbicides						
Pesticides and Herbicides (see Afirm for single substances)	various	0,5 mg/kg (each)	0,5 mg/kg (each)	All materials: EN ISO 15913:2003 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09		

		ALDI RSL Limits				
Substance	**CAS-no.**	**Product section / Limits - Textiles**	**Product section / Limits - Shoes**	**Test Method**	**Materials**	**High risk Material**
Polycyclic aromatic hydrocarbons (PAH)						
Acenaphtene	83-32-9	Limits according to AfPS GS 2019	Limits according to AfPS GS 2019	All materials: AFPS GS 2019 or EN 17132:2019 or ISO 16190:2021	Rubber, artificial leather, polymers (not PC, ABS) coatings and prints, glue	EVA PU foams All other PU & TPU Rubber (excludes latex and silicone rubber) PVC All other foams, plastics & polymers Coatings & prints Glue (Rubber or black Polymeric materials)
Acenaphthylene	208-96-8					
Anthracene	120-12-7					
Benzo(g,h,i)perylene	191-24-2					
Fluorene	86-73-7					
Fluoranthene	206-44-0					
Indeno(1,2,3-cd)pyrene	193-39-5					
Naphthalene	91-20-3					
Phenanthrene	85-01-8					
Pyrene	129-00-0					
Benzo(a)anthracene	56-55-3					
Benzo(a)pyrene	50-32-8					
Benzo(b)fluoranthene	205-99-2					
Benzo[e]pyrene	192-97-2					
Benzo[j]fluoranthene	205-82-3					
Benzo(k)fluoranthene	207-08-9					
Chrysene	218-01-9					
Dibenzo(a,h)anthracene	53-70-3					
Quinoline						
Quinoline	91-22-5	50 mg/kg	50 mg/kg	All materials: DIN 54231:2022 with methanol extraction at 70° C	synthetic textile (main material)	
UV stabilizers						
UV 320	3846-71-7	1000 mg/kg each	1000 mg/kg each	ISO 24040:2022 with extraction in THF, analysis by GC/MS	polymers (mainly for outdoor use)	
UV 327	3864-99-1					
UV 328	25973-55-1					
UV 350	36437-37-3					
2-Mercaptobenzothiazole						
2-Mercaptobenzothiazole (2-MBT)	149-30-4	100 mg/kg	100 mg/kg	EN ISO 13365-1:2020 with extraction at 60 °C	rubber materials, latex	
Silverparticles						
Nano-silver particles		The supplier shall avoid the use of silverparticles as an antibacterial effect in clothing, shoes, shoe soles, cutting boads etc wherever possible. Any deviations from this requirement require approval by ALDI on a case-by-case basis.		acid digestion, ICP/MS	Aldi France	
SVHC substances						
SVHC substances	various	SVHCs in quantities (> 0.1%) that are subject to reporting obligations are not permitted. The basis is the current candidate list according to Attachment XIV of the REACH Regulation.		various	whole article, risk based sampling of materials	