

AMER SPORTS RESTRICTED SUBSTANCE LIST (RSL)

APPENDIX F TO THE MATERIAL COMPLIANCE POLICY

APPENDIX F. AMER SPORTS RESTRICTED SUBSTANCE LIST (RSL)

To support responsible product stewardship and regulatory compliance, Amer Sports regularly updates its Restricted Substances List (RSL) to incorporate new legal requirements, industry developments, and company-specific restrictions on chemicals and materials.

Compliance with this RSL shall be assessed against the applicable concentration limits and regulatory requirements. The intentional or unintentional presence of a restricted substance does not affect compliance determination unless otherwise permitted by applicable regulations, exemptions, or derogations.

This RSL may be revised periodically to address regulatory developments and evolving business requirements. Amer Sports will communicate updates to suppliers and relevant business partners through established compliance communication channels. Suppliers are responsible for ensuring compliance with the latest version of this document, which is available on the Amer Sports website (<https://www.amersports.com/sustainability/ethics-and-compliance/products-and-materials>) to ensure compliance with current requirements.

The Amer Sports RSL consists of the following three sections:

1. Restricted Substance List: List of individual restricted substances that are banned or restricted in Amer Sports' products. Limit values are derived from laws and regulations in individual countries or by Amer Sports sustainability goals whichever is most rigid.
2. Testing Matrix: The recommended testing approach that needs to be applied to materials or finished goods, incl. required limit values and recommended testing methods.
3. Examples of Materials within the Scope of the Restricted Substance List: Provides examples of materials within each category but is not all-inclusive.

To satisfy Amer Sports requirements, suppliers shall test for higher risk chemicals in materials. Lower risk chemicals are recommended for additional testing and may be required at brands' discretion.

The Testing Matrix indicates the following color codes:

1	1: Higher Risk. Testing required.
2	2: Lower Risk. Testing recommended and may be required at Amer Sports discretion.
	Blank: Substances or group of substances with high probability not relevant.
	Dark grey: Prohibited for any application in Amer Sports products.

The RSL test report based on the latest version of the AFIRM RSL is acceptable; however, the additional Amer Sports-specific requirements that go beyond AFIRM (highlighted in yellow and marked with #) must also be included. To facilitate review, the updates from the previous version are indicated in red text

Amer Sports is a bluesign® system-partner. It is recommended to use the RSL test report based on the latest version of the bluesign® RSL for Softgoods materials, components, or products. Suppliers are encouraged to assess RSL compliance according to the bluesign® RSL.

RESTRICTED SUBSTANCE LIST

The Restricted Substances List identifies chemical substances and substance groups that are prohibited, restricted, or subject to specified concentration limits in materials, components, and finished products supplied to Amer Sports. The applicable limit values are based on legal and regulatory requirements, industry standards, and/or Amer Sports sustainability and product stewardship requirements, whichever is more stringent.

Amer Sports Restricted Substance List (SEP. 2026)							
Substances	Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
1. Amines							
1.1	Aniline #		62-53-3	<30 mg/kg	Non-Leather <50 mg/kg Leather <100 mg/kg	Oeko Tex Standard 100 / US Washington CHCC	
2. Azo Dyes/Aromatic Amines							
2.1	4-Aminobiphenyl		92-67-1	<20 mg/kg			EU REACH Annex XVII, Swiss Regulation, China GB 18401, GB 31701, GB 25038, GB 30585, GB 31420, Taiwan CNS 15290, Korea KC Mark, Turkey Regulation, Vietnam Regulation, India Regulation, Indonesia Regulation, Australia Voluntary Restriction, Oeko Tex Standard, Japan Law No 112, Saudi Arabia Regulation, Egypt Regulation, Morocco Regulation, Indonesia SNI 7617
2.2	Benzidine		92-87-5	<20 mg/kg			
2.3	4-Chloro-o-toluidine		95-69-2	<20 mg/kg			
2.4	2-Naphtylamine		91-59-8	<20 mg/kg			
2.5	o-Aminoazotoluene		97-56-3	<20 mg/kg			
2.6	5-nitro-o-toluidine		99-55-8	<20 mg/kg			
2.7	p-Chloroaniline		106-47-8	<20 mg/kg			
2.8	2,4-Diaminoanisole		615-05-4	<20 mg/kg			
2.9	4,4'-Diaminodiphenylmethane	MDA	101-77-9	<20 mg/kg			
2.10	3,3'-Dichlorobenzidine		91-94-1	<20 mg/kg			
2.11	3,3'-Dimethoxybenzidine		119-90-4	<20 mg/kg			
2.12	3,3'-Dimethylbenzidine		119-93-7	<20 mg/kg			
2.13	3,3'-Dimethyl-4,4'-diaminobiphenylmethane		838-88-0	<20 mg/kg			
2.14	p-Cresidine		120-71-8	<20 mg/kg			
2.15	4,4'-Methylene-bis-(2-chloroaniline)	MOCA	101-14-4	<20 mg/kg			
2.16	4,4'-Oxydianiline		101-80-4	<20 mg/kg			
2.17	4,4'-Thiodianiline		139-65-1	<20 mg/kg			
2.18	o-Toluidine		95-53-4	<20 mg/kg			
2.19	2,4-Diaminotoluene		95-80-7	<20 mg/kg			
2.20	2,4,5-trimethylaniline		137-17-7	<20 mg/kg			
2.21	o-Anisidine (2-Methoxyanilin)		90-04-0	<20 mg/kg			
2.22	4-Aminoazobenzene		60-09-3	<20 mg/kg			
2.23	2,6-Xylidine		87-62-7	<20 mg/kg			
2.24	2,4-Xylidine		95-68-1	<20 mg/kg			
2.25	4-chloro-o-toluidinium chloride		3165-93-3	<20 mg/kg			EU REACH Annex XVII Entry 72 (textiles, and related accessories), Oeko Tex Standard 100, Oeko Tex Leather Standard
2.26	2-Naphthylammoniumacetate		553-00-4	<20 mg/kg			
2.27	4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate		39156-41-7	<20 mg/kg			
2.28	2,4,5-trimethylaniline hydrochloride		21436-97-5	<20 mg/kg			
3. Dyes, Forbidden & Disperse							
3.1	C.I. Disperse Blue 1		2475-45-8	<30 mg/kg			
3.2	C.I. Disperse Blue 3		2475-46-9	<30 mg/kg			

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3.3	C.I. Disperse Blue 7		3179-90-6	<30 mg/kg			Korea safety quality mark for textiles (underwear and Childrens' products), EU REACH Annex XVII Entry 72, OEKO-TEX 100, Egyptian law, Morocco NM 09.0.000, Saudi Arabia Regulation	
3.4	C.I. Disperse Blue 26		3860-63-7	<30 mg/kg				
3.5	C.I. Disperse Blue 35		12222-75-2	<30 mg/kg				
3.6	C.I. Disperse Blue 35A		56524-77-7	<30 mg/kg				
3.7	C.I. Disperse Blue 35B		56524-76-6	<30 mg/kg				
3.8	C.I. Disperse Blue 102		12222-97-8	<30 mg/kg				
3.9	C.I. Disperse Blue 106		12223-01-7 (68516-81-4)	<30 mg/kg				
3.10	C.I. Disperse Blue 124		61951-51-7 (15141-18-1)	<30 mg/kg				
3.11	C.I. Disperse Brown 1		23355-64-8	<30 mg/kg				
3.12	C.I. Disperse Orange 1		2581-69-3	<30 mg/kg				
3.13	C.I. Disperse Orange 3		730-40-5	<30 mg/kg				
3.14	C.I. Disperse Orange 11		82-28-0	<30 mg/kg				
3.15	C.I. Disperse Orange 37/76/59		12223-33-5, 13301-61-6, 51811-42-8	<30 mg/kg				
3.16	C.I. Disperse Orange 149		85136-74-9	<30 mg/kg				
3.17	C.I. Disperse Red 1		2872-52-8	<30 mg/kg				
3.18	C.I. Disperse Red 11		2872-48-2	<30 mg/kg				
3.19	C.I. Disperse Red 17		3179-89-3	<30 mg/kg				
3.20	C.I. Disperse Yellow 1		119-15-3	<30 mg/kg				
3.21	C.I. Disperse Yellow 3		2832-40-8	<30 mg/kg				
3.22	C.I. Disperse Yellow 7		6300-37-4	<30 mg/kg				
3.23	C.I. Disperse Yellow 9		6373-73-5	<30 mg/kg				
3.24	C.I. Disperse Yellow 23		6250-23-3	<30 mg/kg				
3.25	C.I. Disperse Yellow 39		12236-29-2	<30 mg/kg				
3.26	C.I. Disperse Yellow 49		54824-37-2	<30 mg/kg				
3.27	C.I. Disperse Yellow 56		54077-16-6	<30 mg/kg				
3.28	Acid Red 26		3761-53-3	<30 mg/kg				
3.29	Basic Red 9		569-61-9	<30 mg/kg				
3.30	C.I. Basic Green 4		569-64-2 / 2437-29-8 / 10309-95-2	<30 mg/kg				
3.31	C.I. Basic Violet 3 with ≥ 0,1 % of Michler's ketone (EC no. 202-027-5)		548-62-9	<30 mg/kg				
3.32	Basic Violet 14		632-99-5	<30 mg/kg				
3.33	Direct Black 38		1937-37-7	<30 mg/kg				
3.34	Direct Blue 6		2602-46-2	<30 mg/kg				
3.35	Direct Red 28		573-58-0	<30 mg/kg				
3.36	C.I. Direct Brown 95		16071-86-6	<30 mg/kg				

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3.37	4-Dimethylaminoazobenzene (Solvent Yellow 2)		60-11-7	<30 mg/kg				
3.38	C.I. Solvent Blue 4		6786-83-0	<30 mg/kg				
3.39	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol		561-41-1	<30 mg/kg				
3.40	Basic Blue 26		2580-56-5	<30 mg/kg				
3.41	C.I. Disperse Red 151		61968-47-6	<30 mg/kg				
3.42	C.I. Acid Violet 49		1694-09-3	<30 mg/kg				
4. Dyes, Navy Blue (Blue Colorant)								
4.1	Component 1: C ₃₉ H ₂₃ ClCrN ₇ O ₁₂ S ₂ Na (EC No. 405-665-4)		118685-33-9	<30 mg/kg			REACH Annex XVII Entry 43, Norway, Egypt, and Switzerland: ORRChem textiles annex 1.13 (Art.3), Saudi Arabia	
4.2	Component 2: C ₄₆ H ₃₀ CrN ₁₀ O ₂₀ S ₂ .3Na (EC No. 405-665-4)		Not allocated					
5. Heavy Metals total content								
5.1	Lead	Pb	7439-92-1	<90 mg/kg not applicable to Glass/ Crystal			USA CPSIA, California Prop 65, China GB Standards, Switzerland ORRChem, Korea safety quality mark for leather products, USA Illinois 410 ILCS 45, EU REACH Annex XVII, Danish Statutory Order No 856, Saudi Arabia, Egypt	
5.2	Cadmium	Cd	7440-43-9	<40 mg/kg			China GB Standards, California Prop 65, EU REACH Annex XVII, Korea safety quality mark, USA Washington 70.240 RCW	
5.3	Arsenic #	As	7440-38-2	<100 mg/kg Wood: Not Detected (D.L. 5 mg/kg) [#]			Swiss SR 817.023.41 Article 22, SR 814.21 Annex 2.17 (wood), Oeko Tex Standard 100, Oeko-Tex Leather Standard, EU REACH Annex XVII, New York Westchester County - Children's Product Safety Act, Saudi Arabia	
5.4	Mercury	Hg	7439-97-6	<0.5 mg/kg			OEKO-TEX, AFIRM, EU REACH Annex XVII New York Westchester County - Children's Product Safety Act	
5.5	Chromium VI	Cr(VI)	18540-29-9	<0.5 mg/kg Leather <3 mg/kg			EU REACH Annex XVII, German Ordinance on Commodities, Turkey KKDIK, Taiwan CNS 15331, Oeko-Tex Leather Standard, Swiss Chem RRV 814.81 Article 3 Annex 2.16, China Standards, Morocco, Egypt, Saudi Arabia	
6. Heavy Metals - Extractable								
6.1	Lead	Pb	7439-92-1	<0.2 mg/kg	<1 mg/kg	NA	Oeko Tex Standard 100, Oeko Tex Leather Standard, AFIRM, EU REACH Annex XII	
6.2	Cadmium	Cd	7440-43-9	<0.1 mg/kg		NA		
6.3	Arsenic	As	7440-38-2	<0.2 mg/kg		NA		
6.4	Antimony	Sb	7440-36-0	<30 mg/kg		NA		
6.5	Mercury	Hg	7439-97-6	<0.02 mg/kg		NA		
6.6	Nickel	Ni	7440-02-0	<1 mg/kg	<4 mg/kg	NA		
6.7	Chromium #	Cr	7440-47-3	<1 mg/kg (textile); <200 mg/kg (leather)	<2 mg/kg (textile); <200 mg/kg (leather)	NA		
6.8	Chromium VI	Cr(VI)	18540-29-9	<1mg/kg (textile)	<1mg/kg (textile)	NA		
6.9	Cobalt	Co	7440-48-4	<1 mg/kg	<4 mg/kg	NA		
6.10	Copper	Cu	7440-50-8	<25mg/kg (not applicable to inorganic material)	<50mg/kg (not applicable to inorganic material)	NA		
6.11	Barium	Ba	7440-39-3	<1000 mg/kg		NA		
6.12	Selenium	Se	7782-49-2	<100 mg/kg		NA		

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7. Heavy Metals - Migration /Soluble							
7.1	Lead	Pb	7439-92-1	<90 mg/kg	N/A	Korea Common Safety Standards for Children's Products, Taiwan CNS 15331, China GB 28480, GB 21550, AFIRM	
7.2	Cadmium #	Cd	7440-43-9	<40 mg/kg	N/A		
7.3	Chromium	Cr	7440-47-3	<60 mg/kg	N/A		
7.4	Antimony	Sb	7440-36-0	<60 mg/kg	N/A		
7.5	Arsenic	As	7440-38-2	<25 mg/kg	N/A		
7.6	Mercury	Hg	7439-97-6	<60 mg/kg	N/A		
7.7	Selenium	Se	7782-49-2	<500 mg/kg	N/A		
7.8	Barium	Ba	7440-39-3	<1000 mg/kg	N/A		
8. Heavy Metals - Release							
8.1	Nickel release	Ni	7440-02-0	<0.5 µg/cm²/week (skin contact only) <0.2 µg/cm²/week (piercings)	N/A	EU REACH Annex XVII, China GB Standards, Korea safety quality mark, Turkey KKDIK, Saudi Arabia, Egypt, Morocco	
9. Alkylphenols and Alkylphenols ethoxylated (APEO and AP)							
9.1	Nonylphenol (NP), mixed isomers	NP	various	Total APs< 10mg/kg Total APs + APEOs<100 mg/kg		EU REACH Annex XVII & SVHC, Turkey KKDIK, Taiwan CNS 15290, Oeko Tex Standard 100, Oeko Tex Leather Standard, Korea Safety Confirmation Act	
9.2	Octylphenol (OP), mixed isomers	OP	various				
9.3	Nonylphenol ethoxylates (NPEOs)	NPEOs	various				
9.4	Octylphenol ethoxylates (OPEOs)	OPEOs	various				
10. Chlorinated Phenols							
10.1	Pentachlorophenols	PCP	87-86-5	<0.5 mg/kg		Swiss Chem RRV 814.81, Oeko Tex Standard 100, Oeko Tex Leather Standard, German Gefahrstoff Verordnung, Netherlands Commodities Act, Norway Product Regulation, Austrian Federal Law Gazette No 58/1991, EU POPs, China GB 25036, GB 25038, GB 30585, Morocco, Saudi Arabia, Egypt	
10.2	2,3,5,6 Tetrachlorophenol	TeCP	935-95-5	<0.5 mg/kg			
10.3	2,3,4,6 Tetrachlorophenol	TeCP	58-90-2	<0.5 mg/kg			
10.4	2,3,4,5 Tetrachlorophenol	TeCP	4901-51-3	<0.5 mg/kg			
10.5	2,3,4 Trichlorophenol	TriCP	15950-66-0	<0.5 mg/kg			
10.6	2,3,5 Trichlorophenol	TriCP	933-78-8	<0.5 mg/kg			
10.7	2,3,6 Trichlorophenol	TriCP	933-75-5	<0.5 mg/kg			
10.8	2,4,5 Trichlorophenol	TriCP	95-95-4	<0.5 mg/kg			
10.9	2,4,6 Trichlorophenol	TriCP	88-06-2	<0.5 mg/kg			
10.10	3,4,5 Trichlorophenol	TriCP	609-19-8	<0.5 mg/kg			
10.11	2,4-Dichlorophenol, free	DCP	120-83-2	<0.5 mg/kg			
10.12	2,3-Dichlorophenol, free	DCP	576-24-9	<0.5 mg/kg			
10.13	2,5-Dichlorophenol, free	DCP	583-78-8	<0.5 mg/kg			
10.14	2,6-Dichlorophenol, free	DCP	87-65-0	<0.5 mg/kg			
10.15	3,4-Dichlorophenol, free	DCP	95-77-2	<0.5 mg/kg			
10.16	3,5-Dichlorophenol, free	DCP	591-35-5	<0.5 mg/kg			

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10.17	4-Chlorophenol, free	MCP	106-48-9	<0.5 mg/kg				
10.18	2-Chlorophenol, free	MCP	95-57-8	<0.5 mg/kg				
10.19	3-Chlorophenol, free	MCP	108-43-0	<0.5 mg/kg				
10.20	Orthophenylphenol #	OPP	90-43-7	Non-leather: <0.5 mg/kg Leather: <100 mg/kg	Non-leather: <1 mg/kg Leather: <750 mg/kg			
11. Flame retardants								
11.1	Polybrominated biphenyles	PBB	various	<10 mg/kg			EU REACH Annex XVII, EU POPs, Norway Product Regulation Chapter 2 Section 2-7, Japan Law No 112, Turkey KKDIK, Turkey POPs, Swiss Chem RRV 814.81, Oeko Tex Standard 100, Oeko Tex Leather Standard, Canada Consumer Product Safety Act, California Proposition 65, Various US States, Canada Prohibition of Certain Toxic Substances 2012, Korea Safety Standard for Children's Products, Saudi Arabia, Egypt, Morocco	
11.2	Tris-(2,3-dibromopropyl)-phosphate	TRIS	126-72-7	<10 mg/kg				
11.3	Tris-(aziridinyl)-phosphinoxide	TEPA	545-55-1	<10 mg/kg				
11.4	Pentabromodiphenylether	pentaBDE	32534-81-9	<10 mg/kg				
11.5	Octabromodiphenylether	octaBDE	32536-52-0	<10 mg/kg				
11.6	Decabromodiphenylether	decaBDE	1163-19-5	<10 mg/kg				
11.7	Hexabromocyclododecane	HBCDD	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	<10 mg/kg				
11.8	Tetrabromodiphenylether	TetraBDE	various	<10 mg/kg				
11.9	Heptabromodiphenylether	heptaBDE	various	<10 mg/kg				
11.10	Hexabromodiphenylether	hexaBDE	various	<10 mg/kg				
11.11	All other Polybrominated diphenyl ethers	PBDEs	various	<10 mg/kg				
11.12	Tetrabromobisphenol A	TBBP A	79-94-7	<10 mg/kg				
11.13	2,2-bis(bromomethyl)-1,3-propanediol	BBMP	3296-90-0	<10 mg/kg				
11.14	Trixylyl phosphate	TXP	25155-23-1	<10 mg/kg				
11.15	Bis(2,3-dibromopropyl) phosphate	BDBPP	5412-25-9	<10 mg/kg				
11.16	Tri-o-cresyl phosphate		78-30-8	<10 mg/kg				
11.17	Diboron Trioxide		1303-86-2	<10 mg/kg				
11.18	Antimony trioxide	Sb ₂ O ₃	1309-64-4	<10 mg/kg				
11.19	Antimony pentoxide	Sb ₂ O ₅	1314-60-9	<10 mg/kg				
11.20	Boric Acid		10043-35-3, 11113-50-1	<10 mg/kg				
11.21	Zinc borate salts		1332-07-6, 12767-90-7	<10 mg/kg				
11.22	Disodium octaborate		12008-41-2	<10 mg/kg				
11.23	Disodium tetraborate anhydrous		12179-04-3, 1303-96-4, 1330-43-4	<10 mg/kg				
11.24	Tetraboron disodium heptaoxide hydrate		12267-73-1	<10 mg/kg				
11.25	Disodium Tetraborate (Anhydrous)		1330-43-4	<10 mg/kg				
11.26	Tris-(1,3-chloro-2-propyl)phosphate	TDCPP	13674-87-8	<10 mg/kg				
11.27	Tris (1-chloro-2-propyl)phosphate	TCPP	13674-84-5	<10 mg/kg				

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11.28	Tris(2-chloroethyl)phosphate	TCEP	115-96-8	<10 mg/kg				
11.29	Decabromodiphenyl ethane	DBDPE	84852-53-9	<10 mg/kg			AFIRM	
12. Chlorinated paraffins #								
12.1	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)#	SCCP	85535-84-8	SCCP: Plastic / Coating <50 mg/kg Leather <50 mg/kg Textile <50 mg/kg SCCP + MCCP: Non-leather< 50 mg/kg			EU POPs, Oeko Tex Standard 100, Singapore Regulation, Swiss Regulation	
12.2	Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)#	MCCP	85535-85-9					
13. Organotin Compounds								
13.1	Monobutyltin (MBT)	MBT	78763-54-9	< 1 mg/kg			EU REACH Annex XVII, Swiss Regulation, Korea KC Mark, Turkey Regulation, Oeko Tex Standard, Japan Law No 112, Saudi Arabia Taiwan CNS 15290	
13.2	Monooctyltin (MOT)	MOT	15231-57-9	< 1 mg/kg				
13.3	Monomethyltin (MMT)	MMT	16408-15-4	< 1 mg/kg				
13.4	Monophenyltin (MPhT)	MPhT	2406-68-0	< 1 mg/kg				
13.5	Dimethyltin (DMT)	DMT	23120-99-2	< 1 mg/kg				
13.6	Dibutyltin (DBT)	DBT	1002-53-5	< 1 mg/kg				
13.7	Diphenyltin (DPhT)	DPhT	1135-99-5	< 1 mg/kg				
13.8	Dipropyltin (DPT)	DPT	2406-60-2	< 1 mg/kg				
13.9	Diocetyl tin (DOT)	DOT	15231-44-4	< 1 mg/kg				
13.10	Tricyclohexyltin (TCyT)	TCyT	6056-50-4	< 1 mg/kg				
13.11	Triocetyl tin (TOT)	TOT	250252-89-2	< 1 mg/kg				
13.12	Tripropyltin (TPT)	TPT	761-44-4	< 1 mg/kg				
13.13	Trimethyltin (TMT)	TMT	1631-73-8	< 1 mg/kg				
13.14	Tetrabutyltin (TeBT)	TeBT	1461-25-2	< 1 mg/kg				
13.15	Tetraethyltin (TeET)	TeET	597-64-8	< 1 mg/kg				
13.16	Tetraoctyltin compounds	TeOT	various	< 1 mg/kg				
13.17	Tributyltin (TBT)	TBT	56573-85-4	<0.5 mg/kg				
13.18	Triphenyltin (TPhT)	TPhT	668-34-8	<0.5 mg/kg				
14. Perfluorinated and Polyfluorinated Chemicals (PFAS)								
14.1 PFOS and its Salts								
14.1.1	Perfluorooctanesulfonic acid	PFOS	1763-23-1	<25 µg/kg (sum)			EU POPs, Swiss Chem RRV 814.81, Canada CEP, Norway Product Regulation, Oeko Tex Standard 100	
14.1.2	Perfluorooctanesulfonic acid, potassium salt	PFOS-K	2795-39-3					
14.1.3	Perfluorooctanesulfonic acid, lithium salt	PFOS-Li	29457-72-5					
14.1.4	Perfluorooctanesulfonic acid, ammonium salt	PFOS-NH ₄	29081-56-9					
14.1.5	Perfluorooctane sulfonate diethanolamine salt	PFOS-NH(OH) ₂	70225-14-8					
14.1.6	Perfluorooctanesulfonic acid, tetraethylammonium salt	PFOS-N(C ₂ H ₅) ₄	56773-42-3					
14.1.7	Didecyldimethylammonium perfluorooctane sulfonate	PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂	251099-16-8					

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			Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
14.2 PFOS Related Substances							
14.2.1	N-Ethylperfluoro-1-octanesulfonamide	N-Et-FOSA	4151-50-2	<1000 µg/kg (sum)		EU POPs, Swiss Chem RRV 814.81, Canada CEP, Norway Product Regulation, Oeko Tex Standard 100	
14.2.2	N-Methylperfluoro-1-octanesulfonamide	N-Me-FOSA	31506-32-8				
14.2.3	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol	N-Et-FOSE	1691-99-2				
14.2.4	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol	N-Me-FOSE	24448-09-7				
14.2.5	Perfluoro-1-octanesulfonyl fluoride	POSF/ PFOSF	307-35-7				
14.2.6	Perfluorooctane sulfonamide	PFOSA	754-91-6				
14.3 PFOA and its Salts							
14.3.1	Perfluorooctanic acid	PFOA	335-67-1	<25 µg/kg (sum)		EU POPs, Swiss Chem RRV 814.81, Canada CEP, Norway Product Regulation, Oeko Tex Standard 100, Japan Chemical Substances Control Law, EU REACH SVHC	
14.3.2	Silver perfluorooctanoate	PFOA-Ag	335-93-3				
14.3.3	Sodium perfluorooctanoate	PFOA-Na	335-95-5				
14.3.4	Perfluorooctanoyl fluoride	PFOA-F	335-66-0				
14.3.5	Potassium perfluorooctanoate	PFOA-K	2395-00-8				
14.3.6	Ammonium pentadecafluorootanoate	APFO	3825-26-1				
14.4 PFOA Related Substances							
14.4.1	1H,1H,2H,2H-Perfluoro-1-decanol	8:2 FTOH	678-39-7	<1000 µg/kg (sum)		EU POPs, AFIRM	
14.4.2	Methyl perfluorooctanoate	PFOA-Me	376-27-2				
14.4.3	Ethyl perfluorooctanoate	PFOA-Et	3108-24-5				
14.4.4	1H,1H,2H,2H Perfluorodecane sulfonic Acid	8:2 FTS	39108-34-4				
14.4.5	1H,1H,2H,2H-Perfluorodecyl acrylate	8:2 FTA	27905-45-9				
14.4.6	1H,1H,2H,2H-Perfluorodecyl methacrylate	8:2 FTMA	1996-88-9				
14.4.7	2H,2H-Perfluorodecanoic acid	H2PFDA	27854-31-5				
14.5 PFCAs C9-C14 and their Salts							
14.5.1	Perfluorononane acid	PFNA (C9)	375-95-1	<25 µg/kg (sum)		Oeko Tex Standard 100, EU REACH, AFIRM	
14.5.2	Perfluorodecane acid	PFDA (C10)	335-76-2				
14.5.3	Henicosafuoroundecanoic acid	PFUdA (C11)	2058-94-8				
14.5.4	Tricosafuorododecanoic acid	PFDoA (C12)	307-55-1				
14.5.5	Pentacosafuorotridecanoic acid	PFTrA (C13)	72629-94-8				
14.5.6	Heptacosafuorotetradecanoic acid	PFTeA (C14)	376-06-7				
14.5.7	Perfluoro(3,7-dimethyloctanoic acid)	PF-3,7-DMOA	172155-07-6				
14.6 PFCA C9-C14 Related Substances							
14.6.1	1H,1H,2H,2H-Perfluorododecyl acrylate	10:2 FTA	17741-60-5				
14.6.2	1H,1H,2H,2H-Perfluorododecyl methacrylate	10:2 FTMA	2144-54-9				
14.6.3	1H,1H,2H,2H-Perfluoro-1-dodecanol	10:2 FTOH	865-86-1				

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				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
14.6.4	2H,2H,3H,3H-perfluoroundecanoate	H4PFUnA	34598-33-9	<260 µg/kg (sum)			Oeko Tex Standard 100, EU REACH, AFIRM	
14.6.5	1H,1H,2H,2H-perfluorotetradecan-1-ol	12:2 FTOH	39239-77-5					
14.6.6	1H,1H,2H,2H-Perfluorododecanesulphonic acid	10:2 FTS	120226-60-0					
14.6.7	1H,1H,2H,2H-Perfluorododecyl iodide	10:2 FTI	2043-54-1					
14.6.8	1H,1H,2H,2H-Perfluorotetradecyl iodide	12:2 FTI	30046-31-2					
14.6.9	1H,1H,2H,2H-Perfluoro-1-decanol	8:2 FTOH	678-39-7					New Added
14.7 PFHxA and its Salts								
14.7.1	Perfluorohexanoic acid and its salts	PFHxA and its salts	307-24-4	<25 µg/kg (sum)			EU POPs, AFIRM	Renamed
14.8 PFHxA Related Substances								
14.8.1	PFHxA-related substances	PFHxA	27619-97-2, 647-42-7, 17527-29-6, 2144-53-8	<1000 µg/kg (sum)			EU POPs, AFIRM	Renamed
14.9 PFHxS and its Salts								
14.9.1	Perfluorohexane sulfonic acid and its salts	PFHxS and its salts	355-46-4, 3871-99-6, 55120-77-9, 68259-08-5, 82382-12-5	<25 µg/kg (sum)			EU POPs, AFIRM	New Added
14.10 PFHxS Related Substances								
14.10.1	PFHxS-related substances	PFHxS	68259-15-4, 41997-13-1	<1000 µg/kg (sum)			EU POPs, AFIRM	New Added
14.11 All PFAS								
14.11.1	PFAS as measured by total fluorine	PFAS	Varies	Measured by Total Fluorine <50 mg/kg (Not applicable for Ski binding, Military products until next notification)			Amer Sports, U.S. PFAS Rgulations	
15. Phthalates								
15.1	Di-(2-ethylhexyl)-phthalate	DEHP	117-81-7	<1000 mg/kg (sum) <500 mg/kg (each)			EU REACH Annex XVII, Denmark Denmark Statutory Order, Swiss Regulation, US CPSIA Regulation, Canada CCPSA Regulation, China GB Standard, Taiwan CNS, Korea KC Mark, Turkey KKDIK, Oeko Tex Standard 100	
15.2	Butylbenzylphthalate	BBP	85-68-7					
15.3	Dibutylphthalate	DBP	84-74-2					
15.4	Di-iso-butylphthalate	DIBP	84-69-5					
15.5	Di-iso-nonylphthalate	DINP	28553-12-0, 68515-48-0					
15.6	Di-n-octylphthalate	DNOP	117-84-0					
15.7	Di-isodecylphthalate	DIDP	26761-40-0, 68515-49-1					
15.8	Diisohexyl phthalate	DIHxP	71850-09-4					
15.9	Dipropyl phthalate	DPRP	131-16-8					
15.10	Diisooctyl phthalate	DIOP	27554-26-3					
15.11	Dinonyl phthalate	DNP	84-76-4					
15.12	Dicyclohexyl phthalate	DCHP	84-61-7					
15.13	1,2-Benzenedicarboxylic acid, di-C7-11 ...	DHNUP	68515-42-4					
15.14	N-Pentyl-isipentylphthalate	nPIPP	776297-69-9					
15.15	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	DHxP	68515-50-4					
15.16	dimethyl phthalate	DMP	131-11-3					

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15.17	diethylphthalate	DEP	84-66-2					
15.18	Di-n-hexyl phthalate	DnHP	84-75-3					
15.19	1,2-benzenedicarboxylic acid; di-C 6-8-branched alkylesters, C 7-rich	DIHP	71888-89-6					
15.20	Bis(2-methoxyethyl) phthalate	DMEP	117-82-8					
15.21	Di-iso-pentylphthalate	DIPP	605-50-5					
15.22	Di-n-pentylphtalate	DnPP	131-18-0					
15.23	1,2-Benzenedicarboxylic acid Dipentyl ester, branched and linear	DPP	84777-06-0					
15.24	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					
15.25	Bis(2-ethylhexyl) tetrabromophthalate		26040-51-7					
16. Polycyclic Aromatic Hydrocarbons (PAHs) #								
16.1	Benzo[a]anthracene (BaA)	BaA	56-55-3	Each of below 8 PAHs: Benzo[a]pyrene, Benzo[e]pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Benzo[k]fluoranthene, Dibenzo[a,h]anthracene < 1 mg/kg Children < 0.5 mg/kg Napthalene < 2 mg/kg Sum of 24 PAHs: < 10 mg/kg Children < 5 mg/kg #	NA	EU REACH Annex XVII, Germany - GS Mark, OEKO-TEX Standard 100		
16.2	Chrysene (CHR)	CHR	218-01-9					
16.3	Benzo[b]fluoranthene (BbF)	BbF	205-99-2					
16.4	Benzo[j]fluoranthene (BjF)	BjF	205-82-3					
16.5	Benzo[k]fluoranthene (BkF)	BkF	207-08-9					
16.6	Benzo[a]pyrene (BaP)	BaP	50-32-8					
16.7	Benzo[e]pyrene (BeP)	BeP	192-97-2					
16.8	Dibenzo[a,h]anthracene (DBA)	DBA	53-70-3			Germany - GS Mark,OEKO-TEX Standard 100		
16.9	Naphthalene (NAP)	NAP	91-20-3					
16.10	Acenaphthylene (ANY)	ANY	208-96-8					
16.11	Acenaphthene (ANA)	ANA	83-32-9					
16.12	Fluorene (FLU)	FLU	86-73-7					
16.13	Phenanthrene (PHE)	PHE	85-01-8					
16.14	Anthracene (ANT)	ANT	120-12-7					
16.15	Fluoranthene (FLT)	FLT	206-44-0					
16.16	Pyrene (PYR)	PYR	129-00-0					
16.17	Indeno[1,2,3-cd]pyrene (IPY)	IPY	193-39-5					
16.18	Benzo[g,h,i]perylene (BPE)	BPE	191-24-2					
16.19	Cyclopenta[c,d]pyrene		27208-37-3	EU Scientific Committee for Food / OEKO-TEX Standard 100				
16.20	Dibenzo[a,e]pyrene		192-65-4					
16.21	Dibenzo[a,h]pyrene		189-64-0					

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Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
16.22	Dibenzo[a,i]pyrene		189-55-9					
16.23	Dibenzo[a,i]pyrene		191-30-0					
16.24	1-Methylpyrene		2381-21-7					
17. Chlorinated benzenes and toluenes								
17.1	1,2-Dichlorobenzene #		95-50-1	<1 mg/kg (sum)		EU REACH Annex XVII, OEKO-TEX Standard 100, Gulf Cooperation Council (GCC) restriction		
17.2	3,5-Dichlorotoluene		25186-47-4					
17.3	2,3,4-Trichlorotoluene		7359-72-0					
17.4	2,3,5-Trichlorotoluene		56961-86-5					
17.5	2,4,6-Trichlorotoluene		23749-65-7					
17.6	3,4,5-Trichlorotoluene		21472-86-6					
17.7	2-Chlorotoluene		95-49-8					
17.8	3-Chlorotoluene		108-41-8					
17.9	4-Chlorotoluene		106-43-4					
17.10	2,3-Dichlorotoluene		32768-54-0					
17.11	2,4-Dichlorotoluene		95-73-8					
17.12	2,5-Dichlorotoluene		19398-61-9					
17.13	2,6-Dichlorotoluene		118-69-4					
17.14	3,4-Dichlorotoluene		95-75-0					
17.15	2,3,6-Trichlorotoluene		2077-46-5					
17.16	2,4,5-Trichlorotoluene		6639-30-1					
17.17	2,3,4,5-Tetrachlorotoluene		1006-32-2, 76057-12-0					
17.18	2,3,4,6-Tetrachlorotoluene		875-40-1					
17.19	2,3,5,6-Tetrachlorotoluene		1006-31-1, 29733-70-8					
17.20	Pentachlorotoluene		877-11-2					
17.21	Monochlorobenzene		108-90-7					
17.22	1,3-Dichlorobenzene		541-73-1					
17.23	1,4-Dichlorobenzene		106-46-7					
17.24	1,2,3-Trichlorobenzene		87-61-6					
17.25	1,2,4-Trichlorobenzene		120-82-1					
17.26	1,3,5-Trichlorobenzene		108-70-3					
17.27	1,2,3,4-Tetrachlorobenzene		634-66-2					
17.28	1,2,3,5-Tetrachlorobenzene		634-90-2					
17.29	1,2,4,5-Tetrachlorobenzene		95-94-3					
17.30	Pentachlorobenzene		608-93-5					
17.31	Hexachlorobenzene		118-74-1					

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Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
17.32	p-Chlorobenzotrichloride		5216-25-1					
17.33	Benzotrichloride		98-07-7					
17.34	Benzyl Chloride		100-44-7					
18. Nitrosamines								
18.1	N-Nitrosodimethylamine	NDMA	62-75-9	<0.5 mg/kg			AFIRM, US California Proposition 65	
18.2	N-Nitrosodiethylamine	NDEA	55-18-5	<0.5 mg/kg				
18.3	N-Nitrosodipropylamine	NDPA	621-64-7	<0.5 mg/kg				
18.4	N-Nitrosodibutylamine	NDBA	924-16-3	<0.5 mg/kg				
18.5	N-Nitrosopiperidine	NPIP	100-75-4	<0.5 mg/kg				
18.6	N-Nitrosopyrrolidine	NPYR	930-55-2	<0.5 mg/kg				
18.7	N-Nitrosomorpholine	NMOR	59-89-2	<0.5 mg/kg				
18.8	N-Nitroso-N-methylaniline	NMPhA	614-00-6	<0.5 mg/kg				
18.9	N-Nitroso-N-ethylaniline	NEPhA	612-64-6	<0.5 mg/kg				
19. UV Stabilizers								
19.1	UV-328		24973-55-1	<100 mg/kg			EU POPs / Oeko Tex Standard 100	
20. Volatile organic compounds (VOCs)								
20.1	Benzene		71-43-2	<5 mg/kg			EU REACH XVII	
20.2	Phenol #		108-95-2	<20 mg/kg	<50 mg/kg	<100 mg/kg	OEKO-TEX standard 100	
20.3	Carbon Disulfide		75-15-0					
20.4	Carbon Tetrachloride		56-23-5					
20.5	Chloroform		67-66-3					
20.6	Cyclohexanone		108-94-1					
20.7	1,2-Dichloroethane		107-06-2					
20.8	1,1-Dichloroethylene		75-35-4					
20.9	Ethylbenzene		100-41-4					
20.10	Pentachloroethane		76-01-7					
20.11	1,1,1,2- Tetrachloroethane		630-20-6					
20.12	1,1,2,2- Tetrachloroethane		79-34-5					
20.13	Tetrachloroethylene (PERC)		127-18-4					
20.14	Toluene		108-88-3					
20.15	1,1,1- Trichloroethane		71-55-6					
20.16	1,1,2- Trichloroethane		79-00-5					
20.17	Trichloroethylene		79-01-6					

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				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
20.18	Xylenes (meta-, ortho-, para-)		1330-20-7, 108-38-3, 95-47-6, 106-42-3	< 500 mg/kg (sum)			EU REACH XVII, EU (EC) No 1005/2009, Germany - Chemikalienverbot, Verordnung (Prohibition of Chemicals Ordinance), section 16, Japan Law for the Control of Household Products Containing Harmful Substances, AFIRM	
20.19	1,2,3-trichloropropane		96-18-4					
20.20	1,2-Dichloropropane		78-87-5					
20.21	2-Ethoxyethyl acetate		111-15-9					
20.22	2-Ethylhexane acid		149-57-5					
20.23	Bis(2-methoxyethyl)ether		111-96-6					
20.24	Isophorone		78-59-1					
20.25	Tetrahydrofuran	THF	109-99-9					
20.26	1-bromopropane		106-94-5					
20.27	1-PG2MEA 1-Propanol,2-methoxy-, acetate		70657-70-4					
20.28	2-(2-Methoxyethoxy)ethanol		111-77-3					
20.29	2,4-toluene diisocyanate		584-84-9					
20.30	2-ethoxyethanol		110-80-5					
20.31	2-Methoxyethanol EGME (ethylene glycol monomethyl ether)		109-86-4					
20.32	2-Methoxypropan-1-ol		1589-47-5					
20.33	Ethylene glycol dimethyl ether	EGDME	110-71-4					
20.34	Ethylene glycol monomethyl ether acetate	EGMEA	110-49-6					
20.35	Hexachloroethane		67-72-1					
20.36	Merhylene chloride (dichloromethane)		75-09-2					
20.37	n-hexane		110-54-3					
20.38	Triethylene glycol dimethyl ether	TEGDME	112-49-2					
21. Miscellaneous								
21.1	pH Value	pH	-	Textile: 4.0-7.5 Leather: 3.2-5.5 (Chrome-tanned); 3.5-7.5 (Other)		NA	Oeko Tex Standard 100, Oeko Tex Leather Standard, Korean Common Safety Standards for Children's Products, China GB 18401, GB 25036, GB 25038, AFIRM	
21.2	Formaldehyde #		50-00-0	<75 mg/kg <16 mg/kg for Babies (<3 years old)	<75 mg/kg	<300 mg/kg Wood <80 mg/kg (Formaldehyde Release)	Japan Law112 China GB 18401, GB 20400, OEKO-TEX standard 100, German Bedarfsgegenständeverordnung, Finland Regulation, Netherlands Commodities Act, Norway Product Regulation Chapter 2 Section 2-10, EU REACH Annex XVII, Taiwan CNS 15290, Vietnam 37/2015/TT-BCT	
21.3	Dimethylfumarate	DMFu	624-49-7	<0.1 mg/kg	NA		EU REACH Annex XVII, Korea safety quality mark, GB 30585, GB 25038, Taiwan CNS 15331, Swiss Chem RRV 814.81	
21.4	Vinyl chloride monomer	VCM	75-01-4	<1 mg/kg (PVC, synthetic leather)			China GB 21550, German Consumer Goods Ordinance, Egypt	
21.5	Styrene, Free		100-42-5	<500 mg/kg			AFIRM	
21.6	Formamide		75-12-7	<200 mg/kg	<1000 mg/kg		Oeko-Tex Standard 100, AFIRM	
21.7	N,N-Dimethylacetamide	DMAC	127-19-5	<500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and araides, coated textiles				

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				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
21.8	N,N-Dimethylformamide	DMFa	68-12-2	<500 mg/kg <50mg/kg for DMFa free PU coating			EU REACH Annex XVII; Oeko-Tex Standard 100; US California Proposition 65	
21.9	1-Methyl-2-Pyrrolidone	NMP	872-50-4	< 500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and araides, coated textiles				
21.10	Bisphenol A #	BPA	80-05-7	Usage ban <1 mg/kg. US market: <50 µg/kg for leggings, bras, athletic shirts, and socks. Food contact: <0.1 mg/kg	<10 mg/kg		Amer Sports; (EU) No. 10/2011; US California Proposition 65	Specific limit for US market
21.11	Bisphenol S #	BPS	80-09-1	< 100 mg/kg (Specific limit for leather tanning and textile aftertreatment (dye fixing agent for polyamide); 200 mg/kg)			Amer Sports, bluesign	
21.12	Other Bisphenols (B, F)	BPB, BPF	77-40-7, 620-92-8	< 200 mg/kg for textiles & others; <500 mg/kg for leather			AFIRM	Limit Updated
21.13	Quinoline		91-22-5	<50 mg/kg			EU REACH Annex XVII Entry 72	
21.14	Polyvinyl Chloride #	PVC	9002-86-2	Usage ban*			Amer Sports	
21.15	Acetophenone		98-86-2	<50 mg/kg			Amer Sports, AFIRM	
21.16	2-Phenyl-2-Propanol		617-94-7	<50 mg/kg			Amer Sports, AFIRM	
21.17	Acetophenone Azine		729-43-1	<50 mg/kg			Amer Sports, AFIRM	New Added
22. Pesticides and Herbicides, Agricultural								
22.1	2,4,5-trichlorophenoxyacetic acid, its salts and compounds	2,4,5-T	93-76-5	<0.5 mg/kg				
22.2	2,4-Dichlorophenoxy acetic acid	2,4-D	94-75-7	<0.5 mg/kg				
22.3	Aldrine		309-00-2	<0.5 mg/kg				
22.4	Azinophosmethyl		86-50-0	<0.5 mg/kg				
22.5	Azinophosethyl		2642-71-9	<0.5 mg/kg				
22.6	Bromophos-ethyl		4824-78-6	<0.5 mg/kg				
22.7	Diazinone		333-41-5	<0.5 mg/kg				
22.8	Dichloroprop		120-36-5	<0.5 mg/kg				
22.9	Dicrotophos		141-66-2	<0.5 mg/kg				
22.10	Dieldrine		60-57-1	<0.5 mg/kg				
22.11	Dimethoate		60-51-5	<0.5 mg/kg				
22.12	Dinoseb, its salts and acetate		88-85-7	<0.5 mg/kg				
22.13	Isodrine		465-73-6	<0.5 mg/kg				
22.14	Kelevane		4234-79-1	<0.5 mg/kg				
22.15	Kepone		143-50-0	<0.5 mg/kg				
22.16	Lindane		58-89-9	<0.5 mg/kg				
22.17	Malathione		121-75-5	<0.5 mg/kg				
22.18	MCPA		94-74-6	<0.5 mg/kg				

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				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
22.19	MCPB		94-81-5	<0.5 mg/kg			EU POPs, Swiss Chem RRV 814.81 Article 3 Annex 1.1, Oeko Tex Standard 100, Japan Law No 112, AFIRM	
22.20	Captafol		2425-06-1	<0.5 mg/kg				
22.21	Carbaryl		63-25-2	<0.5 mg/kg				
22.22	Chlorbenzilat		510-15-6	<0.5 mg/kg				
22.23	Chlordane		57-74-9	<0.5 mg/kg				
22.24	Chlordimeform		6164-98-3	<0.5 mg/kg				
22.25	Chlorfenvinphos		470-90-6	<0.5 mg/kg				
22.26	Coumaphos		56-72-4	<0.5 mg/kg				
22.27	Cyfluthrin		68359-37-5	<0.5 mg/kg				
22.28	Cyhalothrin		91465-08-6	<0.5 mg/kg				
22.29	Cypermethrin		52315-07-8	<0.5 mg/kg				
22.30	S,S,S-Tributyl phosphorotrithioate (Tribufos)		78-48-8	<0.5 mg/kg				
22.31	Deltamethrin		52918-63-5	<0.5 mg/kg				
22.32	Dichlorodiphenyldichloroethane	DDD	53-19-0, 72-54-8	<0.5 mg/kg				
22.33	Dichlorodiphenyldichloroethylene	DDE	3424-82-6, 72-55-9	<0.5 mg/kg				
22.34	Dichlorodiphenyltrichloroethane	DDT	50-29-3, 789-02-6	<0.5 mg/kg				
22.35	Endosulfan		115-29-7	<0.5 mg/kg				
22.36	Endosulfan I (alpha)		959-98-8	<0.5 mg/kg				
22.37	Endosulfan II (beta)		33213-65-9	<0.5 mg/kg				
22.38	Endrine		72-20-8	<0.5 mg/kg				
22.39	Esfenvalerate		66230-04-4	<0.5 mg/kg				
22.40	Ethylparathione; Parathion		56-38-2	<0.5 mg/kg				
22.41	Fenvalerate		51630-58-1	<0.5 mg/kg				
22.42	Heptachlor		76-44-8	<0.5 mg/kg				
22.43	Heptachloroepoxide		1024-57-3	<0.5 mg/kg				
22.44	Mecoprop		93-65-2	<0.5 mg/kg				
22.45	Metamidophos		10265-92-6	<0.5 mg/kg				
22.46	Methoxychlor		72-43-5	<0.5 mg/kg				
22.47	Mirex		2385-85-5	<0.5 mg/kg				
22.48	Monocrotophos		6923-22-4	<0.5 mg/kg				
22.49	Parathion-methyl		298-00-0	<0.5 mg/kg				
22.50	Phosdrin/Mevinphos		7786-34-7	<0.5 mg/kg				
22.51	Perthane		72-56-0	<0.5 mg/kg				
22.52	Propethamphos		31218-83-4	<0.5 mg/kg				
22.53	Profenophos		41198-08-7	<0.5 mg/kg				

Amer Sports Restricted Substance List (SEP. 2026)								
Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
22.54	Quinalphos		13593-03-8	<0.5 mg/kg				
22.55	Quintozene		82-68-8	<0.5 mg/kg				
22.56	Strobane		8001-50-1	<0.5 mg/kg				
22.57	Telodrine		297-78-9	<0.5 mg/kg				
22.58	Toxaphene		8001-35-2	<0.5 mg/kg				
22.59	Trifluraline		1582-09-8	<0.5 mg/kg				
22.60	Clothianidin		210880-92-5	<0.5 mg/kg				
22.61	Dinotefuran		165252-70-0	<0.5 mg/kg				
22.62	Imidacloprid (ISO)		105827-78-9, 138261-41-3	<0.5 mg/kg				
22.63	Phosphamidon		13171-21-6	<0.5 mg/kg				
22.64	Thiamethoxam		153719-23-4	<0.5 mg/kg				
22.65	Tiacloprid		111988-49-9	<0.5 mg/kg				
22.66	Hexachlorobutadiene		87-68-3	<0.5 mg/kg				
22.67	α-Hexachlorocyclohexane with & without Lindane		319-84-6	<0.5 mg/kg				
22.68	β-Hexachlorocyclohexane with & without Lindane		319-85-7	<0.5 mg/kg				
22.69	γ-Hexachlorocyclohexane with & without Lindane		319-86-8	<0.5 mg/kg				
22.70	Acetamiprid		135410-20-7, 160430-64-8	<0.5 mg/kg				
22.71	Aldicarb		116-06-3	<0.5 mg/kg				
22.72	Nitenpyram		150824-47-8	<0.5 mg/kg				
22.73	2-(2,4,5-trichlorophenoxy) propionic acid, its salts and compounds	2,4,5-TP	93-72-1	<0.5 mg/kg				
22.74	4, 6-Dichloro-7 (2,4,5-trichlorophenoxy) -2-Trifluoro methyl benz imidazole	DTTB	63405-99-2	<0.5 mg/kg				
22.75	Dicofol		115-32-2	<0.5 mg/kg				
22.76	Chlorthalonil		1897-45-6	<0.5 mg/kg				
22.77	Tolyfluanide		731-27-1	<0.5 mg/kg				
22.78	Dichlofluanide		1085-98-9	<0.5 mg/kg				
22.79	Ethylendibromid		106-93-4	<0.5 mg/kg				
22.80	Hexabromobiphenyl		36355-01-8	<0.5 mg/kg				
22.81	Pentachloroanisole		1825-21-4	<0.5 mg/kg				
23. Halogenated Biphenyls, Halogenated Terphenyls and Halogenated Naphthalenes								
23.1	Polybrominated Naphthalenes		Various	<10 mg/kg			EU POPs, Canada SOR/2012-285, Swiss ChemRRV Art. 3 Appendix 1.1	
23.2	Polybrominated Terphenyls		Various	<10 mg/kg				
23.3	Polychlorinated Biphenyls*	PCB	1336-36-3, 53469-21-9	<10 mg/kg				
23.4	Polychlorinated Naphthalenes*	PCN	Various	<10 mg/kg				
23.5	Polychlorinated Terphenyls	PCT	61788-33-8	<10 mg/kg				

Amer Sports Restricted Substance List (SEP. 2026)								
Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
23.6	Halogenated Diarylalkanes*		Various	<10 mg/kg				
*23.3 Polychlorobiphenyls (PCB)								
23.3.1	2,4,4'-trichlorobiphenyl	PCB 28	7012-37-5	<10 mg/kg			EU POPs Regulation, Swiss ChemRRV	
23.3.2	2,2',5,5'-tetrachlorobiphenyl	PCB 52	35693-99-3	<10 mg/kg				
23.3.3	3,3',4,4'-tetrachlorobiphenyl	PCB 77	32598-13-3	<10 mg/kg				
23.3.4	3,4,4',5-tetrachlorobiphenyl	PCB 81	70362-50-4	<10 mg/kg				
23.3.5	2,2',4,5,5'-pentachlorobiphenyl	PCB 101	37680-73-2	<10 mg/kg				
23.3.6	2,3,3',4,4'-pentachlorobiphenyl	PCB 105	32598-14-4	<10 mg/kg				
23.3.7	2,3,4,4',5-pentachlorobiphenyl	PCB 114	74472-37-0	<10 mg/kg				
23.3.8	2,3',4,4',5-pentachlorobiphenyl	PCB 118	31508-00-6	<10 mg/kg				
23.3.9	2',3,4,4',5-pentachlorobiphenyl	PCB 123	65510-44-3	<10 mg/kg				
23.3.10	3,3',4,4',5-pentachlorobiphenyl	PCB 126	57465-28-8	<10 mg/kg				
23.3.11	2,2',3,4,4',5'-hexachlorobiphenyl	PCB 138	35065-28-2	<10 mg/kg				
23.3.12	2,2',4,4',5,5'-hexachlorobiphenyl	PCB 153	35065-27-1	<10 mg/kg				
23.3.13	2,3,3',4,4',5-hexachlorobiphenyl	PCB 156	38380-08-4	<10 mg/kg				
23.3.14	2,3,3',4,4',5'-hexachlorobiphenyl	PCB 157	69782-90-7	<10 mg/kg				
23.3.15	2,3',4,4',5,5'-hexachlorobiphenyl	PCB 167	52663-72-6	<10 mg/kg				
23.3.16	3,3',4,4',5,5'-hexachlorobiphenyl	PCB 169	32774-16-6	<10 mg/kg				
23.3.17	2,2',3,4,4',5,5'-heptachlorobiphenyl	PCB 180	35065-29-3	<10 mg/kg				
23.3.18	2,3,3',4,4',5,5'-heptachlorobiphenyl	PCB 189	39635-31-9	<10 mg/kg				
*23.4 Polychloronaphthalenes (PCN)								
23.4.1	2-chloronaphthalene		91-58-7	<10 mg/kg			EU POPs Regulation, Swiss ChemRRV	
23.4.2	1,2-dichloronaphthalene		20250-69-3	<10 mg/kg				
23.4.3	1,2,3-trichloronaphthalene		50402-52-3	<10 mg/kg				
23.4.4	1,2,3,4-tetrachloronaphthalene		20020-02-4	<10 mg/kg				
23.4.5	1,2,3,5,7-pentachloronaphthalene		53555-65-0	<10 mg/kg				
23.4.6	1,2,3,4,5,6-hexachloronaphthalene		58877-88-6	<10 mg/kg				
23.4.7	1,2,3,4,5,6,7-heptachloronaphthalene		58863-14-2	<10 mg/kg				
23.4.8	Octachloronaphthalene		2234-13-1	<10 mg/kg				
*23.5 Halogenated Diarylalkanes								
23.5.1	Monomethyl-dibromo-diphenyl methane		99688-47-8	<10 mg/kg			EU POPs Regulation, Canada SOR/2012-285, Swiss ChemRRV	
23.5.2	Monomethyl-dichloro-diphenyl methane		81161-70-8	<10 mg/kg				
23.5.3	Monomethyl-tetrachloro-diphenyl methane		76253-60-6	<10 mg/kg				
24. Asbestos #								

Amer Sports Restricted Substance List (SEP. 2026)								
Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
24.1	Actinolite		77536-66-4	Not Detected			EU REACH Annex XVII, US TSCA	
24.2	Amosite		12172-73-5					
24.3	Anthophyllite		77536-67-5					
24.4	Chrysotile		12001-29-5					
24.5	Crocidolite		12001-28-4					
24.6	Tremolite		77536-68-6					
25. Dioxins and furans #								
25.1	1,2,3,7,8-pentachlorodibenzo-p-dioxin	*Group 1	40321-76-4	Sum of Group 1: 1 µg/kg Sum of Group 1 & 2: 5 µg/kg Sum of Group 1, 2 & 3: 100 µg/kg Sum of Group 4: 1 µg/kg Sum of Group 4 & 5: 5 µg/kg			European Union POPs Regulation, Germany ChemikalienverbotsVO	
25.2	2,3,4,7,8-pentachlorodibenzo-furan	*Group 1	57117-31-4					
25.3	2,3,7,8-tetrachlorodibenzo-furan	*Group 1	51207-31-9					
25.4	2,3,7,8-tetrachlorodibenzo-p-dioxin	*Group 1	1746-01-6					
25.5	1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	*Group 2	39227-28-6					
25.6	1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	*Group 2	57653-85-7					
25.7	1,2,3,6,7,8-hexachlorodibenzofuran	*Group 2	57117-44-9					
25.8	1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	*Group 2	19408-74-3					
25.9	1,2,3,7,8,9-hexachlorodibenzofuran	*Group 2	72918-21-9					
25.10	1,2,3,7,8-pentachlorodibenzofuran	*Group 2	57117-41-6					
25.11	2,3,4,6,7,8-hexachlorodibenzofuran	*Group 2	60851-34-5					
25.12	1,2,3,4,7,8-Hexachlorodibenzofuran	*Group 2	70648-26-9					
25.13	1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	*Group 3	35822-46-9					
25.14	1,2,3,4,6,7,8-heptachlorodibenzofuran	*Group 3	67562-39-4					
25.15	1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin	*Group 3	3268-87-9					
25.16	1,2,3,4,6,7,8,9-octachlorodibenzofuran	*Group 3	39001-02-0					
25.17	1,2,3,4,7,8,9-heptachlorodibenzofuran	*Group 3	55673-89-7					
25.18	1,2,3,7,8-pentabromodibenzo-p-dioxin	*Group 4	109333-34-8					
25.19	2,3,4,7,8-pentabromodibenzofuran	*Group 4	131166-92-2					
25.20	2,3,7,8-tetrabromodibenzofuran	*Group 4	67733-57-7					
25.21	2,3,7,8-tetrabromodibenzo-p-dioxin	*Group 4	50585-41-6					
25.22	1,2,3,4,7,8-hexabromdibenzo-p-dioxin	*Group 5	110999-44-5					
25.23	1,2,3,6,7,8-hexabromodibenzo-p-dioxin	*Group 5	110999-45-6					
25.24	1,2,3,7,8-pentabromodibenzofuran	*Group 5	107555-93-1					
25.25	1,2,3,7,8,9-hexabromodibenzo-p-dioxin	*Group 5	110999-46-7					
26. Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)								
26.1	Lead	Pb	7439-92-1	<1000 mg/kg				
26.2	Cadmium	Cd	7440-43-9	<100 mg/kg				

Amer Sports Restricted Substance List (SEP. 2026)								
Substances		Abbreviation	CAS N°	Usage range			Countries and regulation names	Changes compare to previous RSL
				Next to skin use and children (36 months to 14 years) articles	Occasional skin contact	No skin contact		
26.3	Mercury	Hg	7439-97-6	<1000 mg/kg			EU RoHS (Directive 2011/65/EU), Japan JIS C 0950, Taiwan CNS 15663, China GB 26572	
26.4	Chromium VI	Cr VI	18540-29-9	<1000 mg/kg				
26.5	Polybrominated biphenyl	PBBs	Various	<1000 mg/kg				
26.6	Polybrominated diphenyl ether	PBDEs	Various	<1000 mg/kg				
26.7	Butyl benzyl phthalate	BBP	85-68-7	<1000 mg/kg				
26.8	Dibutyl phthalate	DBP	84-74-2	<1000 mg/kg				
26.9	Di(ethylhexyl) phthalate	DEHP	117-81-7	<1000 mg/kg				
26.10	Diisobutyl phthalate	DiBP	84-69-5	<1000 mg/kg				
27. Packaging and Packaging Waste								
27.1	Lead	Pb	7439-92-1	<100 mg/kg (sum)			EU PPWR ((EU) 2025/40), US Model Toxics in Packaging Legislation - Toxics in Packaging Clearing House (TPCH)	Regulation Updated
27.2	Cadmium	Cd	7440-43-9					
27.3	Mercury	Hg	7439-97-6					
27.4	Chromium VI	Cr(VI)	18540-29-9					
27.5	Phthalates		Various	<100 mg/kg (sum)			Model Toxics in Packaging Legislation - Toxics in Packaging Clearing House (TPCH), Amer Sports	Limit Updated
27.6	Perfluoroalkyl and Polyfluoroalkyl substances	PFAS	Various	Measured by Total Fluorine <50 mg/kg (non-food contact and 100% recycled materials <100 mg/kg)				
27.7	Cobalt dichloride		7646-79-9	<1000 mg/kg			EU REACH SVHC	
28. EU Battery Directive								
28.1	Cadmium	Cd	7440-43-9	<0.002%			EU Battery Regulation, China GB 24427	
28.2	Mercury	Hg	7439-97-6	<0.0005%; <0.0001% (Button Battery, China market)				
28.3	Lead	Pb	7439-92-1	<0.01% (portable batteries); <0.004% (China market)				
29. SVHC								
29.1	SVHC that are not included in this RSL		Various	<1000 mg/kg			EU REACH SVHC	

*: PVC is prohibited to use in all Amer Sports footwear, apparel, packaging and food contact products. In addition, Amer Sports prefers all products do not contain PVC and supports efforts to phase-out PVC

#: Highlighted in YELLOW are Amer Sports-specific requirements go beyond AFIRM RSL

TESTING MATRIX

The Testing Matrix defines the risk-based testing requirements and recommendations for materials, components, and finished products. It identifies the substances that should be evaluated for each material category, together with the applicable limit values and recognized analytical test methods. The Testing Matrix serves as a guide for suppliers to assess and demonstrate compliance with Amer Sports RSL requirements.

Amer Sports RSL Testing Matrix (SEP. 2026)																										
Substances (Detail in Amer Sports Restricted Substance List)			Next to skin use and children articles (3 to 14 years)	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Ceramic, Glass, Porcelain, etc.	Feathers & Down	Polymers								Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)
															EVA	PU Foam	PU & TPU	Rubber	PC	ABS	PVC*	Other Foams, Plastics & Polymers				
1	Amines	Aniline #	<30 mg/kg	Non-Leather <50 mg/kg Leather <100 mg/kg	2	2	2	2	2	2												2			EN ISO 14362-1 for Textiles EN ISO 17234-1 for Leather	
2	Azo dyes/Aromatic Amines		<20 mg/kg		1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A				1 ^A								1 ^A			EN ISO 14362-1 & 3 for Textiles EN ISO 17234-1 & -2 for Leather	
3	Dyes, Forbidden & Disperse		<30 mg/kg			1 ^A	1 ^A	1 ^A														2 ^A			DIN 54231 Or DIN EN ISO 16373-2	
4	Dyes, Navy Blue		<30 mg/kg			2 ^A	2 ^A																		DIN 54231 Or DIN EN ISO 16373-2	
5	Heavy metals - Total Content	Lead (Pb)	<90 mg/kg not applicable to Glass/ Crystal		2		2	1	2		1	1 ^B			1	1	1	1	1	1	1	1	2		ISO 17072-2 for Leather EN 16711-1 for Textile CPSC-CH-E1001-08.3 (only for lead); Other Metal GB/ 28021 for Metal CPSC-CH-E1002-08.3 for Plastic and Glass EN 16711-1 for Cadmium on glass and crystal CPSC-CH-E1003-09.1 for Lead on surface coating	
		Cadmium (Cd)	<40 mg/kg		2		2	1	2		1	1			1	1	1	1	1	1	1	1	2			
		Arsenic (As) #	<100 mg/kg Wood: Not Detected (D.L. 5 mg/kg)#		2		2	1	2	1 ^{Wood}	1				1	1	1	1	1	1	1	1	2			
		Mercury (Hg)	<0.5 mg/kg		2		2	1	2		1				1	1	1	1	1	1	1	1	2			
				Chromium VI (Cr VI)	<0.5 mg/kg Leather <3 mg/kg						1															ISO 10195 method A2 ; Determination ISO 17075-1/17075-2
6	Heavy metals - Extractable	Lead (Pb)	<0.2 mg/kg	<1 mg/kg	NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2		EN 16711-2 for textiles - by acidic artificial perspiration solution extraction ISO 17072-1 for leather *Extractable Heavy Metals are not regulated, but for products in contact with skin it is important to test whether or not you have heavy metals that can go in contact with sensitive skins.	
		Cadmium (Cd)	<0.1 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Arsenic (As)	<0.2 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Antimony (Sb)	<30 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Mercury (Hg)	<0.02 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Nickel (Ni)	<1 mg/kg	<4 mg/kg	NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Chromium (Cr) #	<1 mg/kg (textile); <200 mg/kg (leather)	<2 mg/kg (textile); <200 mg/kg (leather)	NA	1	1	1	2																	
		Chromium VI (Cr VI)	<1 mg/kg (textile)	<1 mg/kg (textile)	NA	1	1	1	2																	
		Cobalt (Co)	<1 mg/kg	<4 mg/kg	NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Copper (Cu)	<25 mg/kg (not applicable to inorganic material)	<50 mg/kg (not applicable to inorganic material)	NA	1	1	1	2	1				2	2	2	2	2	2	2	2	2	2			
		Barium (Ba)	<1000 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
		Selenium (Se)	<100 mg/kg		NA	1	1	1	2	1		2			2	2	2	2	2	2	2	2	2			
7	Heavy Metals - Migration/Soluble	Lead (Pb)	<90 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1		ASTM F963, EN71-3, ISO 8124-3	
		Cadmium (Cd) #	<40 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Chromium (Cr)	<60 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Antimony (Sb)	<60 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Arsenic (As)	<25 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Mercury (Hg)	<60 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Selenium (Se)	<500 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
		Barium (Ba)	<1000 mg/kg	N/A					1			2			1	1	1	1	1	1	1	1	1			
8	Heavy Metals - Release	Nickel (Ni)	<0.5 µg/cm²/week (skin contact only) <0.2 µg/cm²/week (piercings)	N/A								1								1 ^C				EN 12472 / EN 1811 (metal parts); EN 16128 (spectacle frames); EN 1811 (for outer coating)		

Amer Sports RSL Testing Matrix (SEP. 2026)																										
Substances (Detail In Amer Sports Restricted Substance List)			Next to skin use and children articles (3 to 14 years)	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Ceramic, Glass, Porcelain, etc.	Feathers & Down	Polymers							Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)	
															EVA	PU Foam	PU & TPU	Rubber	PC	ABS	PVC*					Other Foams, Plastics & Polymers
9	Alkylphenols and Alkylphenols ethoxylated (APEO and AP)		Total APs< 10mg/kg Total APs + APEOs<100 mg/kg			1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1		APEO in textile: ISO 18254-1; AP in textile: ISO 21084; APEO and AP in leather: ISO 18218-1 and ISO 18254-1	
10	Chlorinated Phenols	Pentachlorophenol (PCP)	<0.5 mg/kg (each)			2	2	2		2															EN 17134-2	
		Tetrachlorophenol (TeCP)				2	2	2		2																
		Trichlorophenol (TriCP)				2	2	2		2																
		Dichlorophenol, free (DCP)				2	2	2		2																
		Chlorophenol, free (MCP)				2	2	2		2																
		Orthophenylphenol (OPP) #	Non-leather: <0.5 mg/kg Leather: <100 mg/kg	Non-leather: <1 mg/kg Leather: <750 mg/kg	2	2	2	2	1																	
11	Flame retardants	Details in RSL	<10 mg/kg (each)			2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	2 ^D	Phosphorus ISO 17881-2 Brominated ISO 17881-1 Inorganic compounds: Acid digestion, ICP-OES/ICP-MS/IAS * Flame retardants could be also found in recycled plastic matrix		
12	Chlorinated paraffins #	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13) Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	SCCP: Plastic / Coating <50 mg/kg Leather <50 mg/kg Textile <50 mg/kg SCCP + MCCP: Non-leather< 50 mg/kg						2	1				2	2	1	1	2	2	1	2			ISO 18219-1/2 (leather); ISO 22818 (textile and all other materials)		
13	Organotin compounds	Tributyltin (TBT)	<0.5 mg/kg				2	2	1	2						1	1	1			1	1	1	1	ISO 16179:2025 or EN ISO 22744-1:2020	
		Triphenyltin (TPHT)	<0.5 mg/kg				2	2	1	2						1	1	1			1	1	1	1		
		Dibutyltin (DBT)	< 1 mg/kg (each)				2	2	1	2						1	1	1			1	1	1	1		
		Others (details in RSL)	< 1 mg/kg (each)				2	2	1	2						1	1	1			1	1	1	1		
14	Perfluorinated and Polyfluorinated Chemicals (PFAS)	PFOS and its Salts	<25 µg/kg (sum)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	EN ISO 23702-1, EN 17681-1:2025 China: GB/T 31126.1 China: GB/T 44165.9-2025	
		PFOS Related Substances	<1000 µg/kg (sum)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
		PFOA and its Salts	<25 µg/kg			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
		PFOA Related Substances	<1000 µg/kg (sum)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
		PFCAs C9-C14	<25 µg/kg (the sum of the PFCAs and their salts) or <260 µg/kg (the sum of C9-C14 PFOA-related substances)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
		PFCAs C6 (PFHxA)	<25 µg/kg (PFHxA and its salts) <1000 µg/kg (the sum of PFHxA-related substances)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
		PFHxS	<25 µg/kg (PFHxS and its salts) <1000 µg/kg (the sum of PFHxS-related substances)			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A			1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A	1 ^A		1 ^A
	PFAS as measured by total fluorine	Measured by Total Fluorine <50 mg/kg (Not applicable to Ski binding, Military products until next notification)			1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	Total fluorine: EN14582, ASTM D7359, EN ISO 20999 EN ISO 23702-1 or EN 17681-1:2025 for identify specific PFAS substance by request		
15	Phthalates	Details in RSL	<1000 mg/kg (sum) <500 mg/kg (each)						1						1	1	1	1	1	2	2	1	1	1	1	Sample preparation: CPSC-CH-C1001-09.4 Determination by GC/MS

Amer Sports RSL Testing Matrix (SEP. 2026)																									
Substances (Detail in Amer Sports Restricted Substance List)			Next to skin use and children articles (3 to 14 years)	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Ceramic, Glass, Porcelain, etc.	Feathers & Down	Polymers							Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)
															EVA	PU Foam	PU & TPU	Rubber	PC	ABS	PVC*				
16	Polycyclic Aromatic Hydrocarbons (PAHs) #	PAHs, details in RSL	Each of below 8 PAHs: Benzo[a]pyrene, Benzo[e]pyrene, Benzo[a]anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Dibenzo[a,h]anthracene. Adult <1 mg/kg; Children<0.5 mg/kg Naphthalene <2 mg/kg Sum of 24 PAHs: Adult <10 mg/kg; Children <5 mg/kg #	NA				2							1 ^P	1 ^P	1 ^P	1			1 ^P	1 ^P	1 ^P		ISO 16190; AFPS GS 2019; EN 17132
17	Chlorinated benzenes and toluenes	Details in RSL	<1 mg/kg (sum)				2	2	2															EN 17137	
18	Nitrosamines	N-Nitrosodimethylamine	<0.5 mg/kg (each)															2						EN ISO 19577 with LC/MS/MS verification if positive	
		N-Nitrosodiethylamine															2								
		N-Nitrosodipropylamine															2								
		N-Nitrosodibutylamine															2								
		N-Nitrosopiperidine															2								
		N-Nitrosopyrrolidine																2							
		N-Nitrosomorpholine																2							
		N-Nitroso-N-methylaniline																2							
		N-Nitroso-N-ethylaniline																2							
19	UV Stabilizers	UV-328	<100 mg/kg											2	2	2	2	2	2	2	2		ISO 24040 with extraction in THF, analysis by GC/MS		
20	Volatile Organic Compounds (VOC)	Benzene	<5 mg/kg						2					2	2	2	2	2	2	2	2	2	1	For general VOC screening: GC/MS headspace 45 minutes at 120 degrees C	
		Phenol #	<20 mg/kg	<50 mg/kg	<100 mg/kg				2					2	2	2	2	2	2	2	2	2	1		
		Others (details in RSL)	<500 mg/kg (sum)																			1			
21	Miscellaneous	pH value	Textile: 4.0-7.5 Leather: 3.2-5.5 (Chrome-tanned); 3.5-7.5 (Other)		NA	1	1	1	1	1														ISO 3071 or GB/T 7573 (textile) ISO 4045 (leather)	
		Formaldehyde #	<75 mg/kg <16 mg/kg for Babies (<3 years old)	<75 mg/kg	<300 mg/kg	1	1	1	2	1	1 ^o						2					1	1	Non-Leather: ISO 14184-1, GB/T 2912.1, CNS 15580 Leather: GB/T 19941 or EN ISO 17226-2 with EN ISO 17226-1 confirmation method in case of interference	
			NA		<80 mg/kg						1 ^{Wood}													EN 717-3 for Wood-based panels	
		Dimethylfumarate (DMFu)	<0.1 mg/kg	NA			1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H				1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H	1 ^H		ISO 16186	
		Vinyl chloride monomer (VCM)	<1 mg/kg (PVC, synthetic leather)							1									1		1		EN ISO 6401		
		Styrene, Free	<500 mg/kg							1							2			1		1	Extraction in Methanol, sonication at 60 degrees C for mins, GC/MS		
		Formamide	<200 mg/kg	<1000 mg/kg											1						2			Textiles: EN 17131 All other materials: ISO 16189	
		N,N-Dimethylacetamide (DMAC)	<500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and aralides, coated textiles							1					1	1				1 ^J	1 ^J				
		N,N-Dimethylformamide (DMFa)	<500 mg/kg <50mg/kg for DMFa free PU coating							1					2	2				2	2	2			
		1-Methyl-2-Pyrrolidone (NMP)	< 500 mg/kg <1000 mg/kg for materials made of PAN, EL, PU and aralides, coated textiles							1					2	2				2	2	2			

Amer Sports RSL Testing Matrix (SEP. 2026)																											
Substances (Detail in Amer Sports Restricted Substance List)			Next to skin use and children articles (3 to 14 years)	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Ceramic, Glass, Porcelain, etc.	Feathers & Down	Polymers								Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)	
															EVA	PU Foam	PU & TPU	Rubber	PC	ABS	PVC*	Other Foams, Plastics & Polymers					
		Bisphenol A (BPA) #	Usage ban <1 mg/kg, US market: <50 µg/kg for leggings, bras, athletic shirts, and socks. Food contact: <0.1 mg/kg	<1 mg/kg (virgin fibre) <10 mg/kg (recycled material)			1 ^K	1 ^K	2	1 ^K					2	2	2	2	1	2	2	2				Solvent extraction/ GC-MS/LC-MS; Test Protocol of Case No. CGC-22-586022/ CGC-23-604604 for US market	
		Bisphenol S (BPS) #	< 100 mg/kg (Specific limit for leather tanning and textile aftertreatment (dye fixing agent for polyamide): 200 mg/kg).			1	1	2	1					2	2	2	2	1	2	2	2				Solvent extraction/ GC-MS/LC-MS		
		Other Bisphenols (BPB and BPF)	< 200 mg/kg for textiles & others; < 500 mg/kg for leather			1	1	2	1					2	2	2	2	1	2	2	2				Solvent extraction/ GC-MS/LC-MS		
		Quinoline	<50 mg/kg			2	2																			DIN 54231	
		Polyvinyl Chloride (PVC) #	Negtive*					2																2		1*	Beilstein test and confirmation with FTIR
		Acetophenone	<50 mg/kg												2												Extraction in acetone or methanol GC/MS, sonication for 30 minutes at 60 degrees C
		2-Phenyl-2-Propanol	<50 mg/kg												2												
		Acetophenone Azine	<50 mg/kg												2											Extraction in acetone or methanol GC/MS or LC/MS, sonication for 30 minutes at room temperature	
22	Pesticides and Herbicides, Agricultural	Details in RSL	<0.5 mg/kg (each)		2		2		2	2																Solvent extraction, GC/MS or LC/MS	
23	Halogenated Biphenyls, Halogenated Terphenyls and Halogenated Naphthalenes	Polybrominated Naphthalenes	<10 mg/kg (each)		2	2	2	2	2						2	2	2	2	2	2	2	2				Solvent extraction, GC/MS or LC/MS	
		Polybrominated Terphenyls			2	2	2	2	2					2	2	2	2	2	2	2	2						
		Polychlorinated Biphenyls (PCB)			2	2	2	2	2					2	2	2	2	2	2	2	2						
		Polychlorinated Naphthalenes (PCN)			2	2	2	2	2					2	2	2	2	2	2	2	2						
		Polychlorinated Terphenyls (PCT)			2	2	2	2	2					2	2	2	2	2	2	2	2						
		Halogenated Diarylalkanes			2	2	2	2						2	2	2	2	2	2	2	2						
24	Asbestos #	Actinolite	Not Detected		Prohibited																					Microscopic Analysis	
		Amosite																									
		Anthophyllite																									
		Chrysotile																									
		Crocidolite																									
		Tremolite																									
25	Dioxins and furans #	Details in RSL	Sum of Group 1: 1 µg/kg Sum of Group 1 & 2: 5 µg/kg Sum of Group 1, 2 & 3: 100 µg/kg Sum of Group 4: 1 µg/kg Sum of Group 4 & 5: 5 µg/kg		Prohibited																					US EPA Method 1613B/ SW-846 Method 8290A	
26	Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)	Lead (Pb)	<1000 mg/kg		1 All components of Electronic Equipments																					IEC 62321	
		Cadmium (Cd)	<100 mg/kg																								
		Mercury (Hg)	<1000 mg/kg																								
		Chromium VI (Cr VI)	<1000 mg/kg																								
		PBB	<1000 mg/kg																								

Amer Sports RSL Testing Matrix (SEP. 2026)																							
Substances (Detail in Amer Sports Restricted Substance List)		Next to skin use and children articles (3 to 14 years)	Occasional skin contact	No skin contact	Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather	Genuine Leather	Natural Materials	Metals	Ceramic, Glass, Porcelain, etc.	Feathers & Down	Polymers						Coatings & Prints	Glues & Adhesives	Packaging Materials	Recommended Test Method (always use the latest test method update)
														EVA	PU Foam	PU & TPU	Rubber	PC	ABS	PVC*	Other Foams, Plastics & Polymers		
		PBDE	<1000 mg/kg																				
		Butyl benzyl phthalate (BBP)	<1000 mg/kg			1	1	1						1	1	1	1			1	1	1	1
		Dibutyl phthalate (DBP)	<1000 mg/kg			1	1	1						1	1	1	1			1	1	1	1
		Di(ethylhexyl) phthalate (DEHP)	<1000 mg/kg			1	1	1						1	1	1	1			1	1	1	1
		Diisobutyl phthalate (DIBP)	<1000 mg/kg			1	1	1						1	1	1	1			1	1	1	1
27	Packaging and Packaging Waste	Lead (Pb)	Sum <100 mg/kg (sum)																				1
		Cadmium (Cd)																					1
		Mercury (Hg)																					1
		Chromium VI (Cr VI)																					1
		Phthalates	Sum <100 mg/kg (sum)																				1 ^M
		Perfluoroalkyl and polyfluoroalkyl substances (PFAS)	Measured by Total Fluorine <50 mg/kg (non-food contact and 100% recycled materials <100 mg/kg)																				1
		Cobalt dichloride	<1000 mg/kg																				1 ^L
28	Battery Directive	Cadmium (Cd)	< 0.002%	1 All components of Battery																			Acid digestion, AAS/ICP analysis
		Mercury (Hg)	< 0.0005% <0.0001% (Button Battery, China market)																				
		Lead (Pb)	<0.01% (portable batteries) < 0.004% (China market)																				
29	SVHC that are not included in this RSL		<1000 mg/kg		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	various
30	Food Contact Materials		Various from different countries/ regions	Please consult your Amer Sports RSL contact when developing a product that has the characteristics of food-contact material.																			various

1

1 : Higher Risk. Testing required.

2

2 : Lower Risk. Testing recommended and may be required at Amer Sports discretion.

Blank

Blank : Substances or group of substances with high probability not relevant

Dark grey

Dark grey: Prohibited for any application in Amer Sports products

Note

*: PVC is prohibited to use in all Amer Sports footwear, apparel, packaging and food contact products. In addition, Amer Sports prefers all products do not contain PVC and supports efforts to phase-out PVC.

A: For dyed/colored materials

B: Crystal is exempted

C: Metallic coating part on polymers (usually on ABS), accelerated wear and corrosion test is not required

D: If Flame Retardant use or contamination is suspected.

E: If a Fluorinated finish is applied to resist heat, oil, stains, and water. (e.g. DWR, oil resist, non-stick coating)

F: Dark color polymeric materials.

G: Paper, Cork

H: Whenever a product does have a fungicide application

J: For PU based materials.

K: For Recycled fiber, Polyester-Spandex blends, Elastan and Polyurethane, Cotton/ Spandex mix fabrics

L: For Desiccant, Silica gel

M: For soft polymeric, coating materials

#: Highlighted in YELLOW are Amer Sports-specific requirements go beyond AFIRM RSL

EXAMPLES OF MATERIALS WITHIN THE SCOPE OF THE RESTRICTED SUBSTANCE LIST

For guidance purposes, Amer Sports provides examples of materials to which the Amer Sports RSL is applied, including but not limited to those listed as follows:

Natural Fibers	Synthetic Fibers	Natural & Synthetic Blends	Artificial Leather
• Cotton • Wool • Silk • Hemp • Cashmere • Linen • Fur • Rayon (Semisynthetic) • Lyocell (Semisynthetic)	• Polyester • Acrylic • Nylon • Polyamide • Spandex/ Elastane	• Cotton-Polyester • Wool-Nylon • Ramie-Polyester • Cotton-Spandex	• Polyurethane (PU) • Polyvinyl Chloride (PVC)

Genuine Leather	Natural Materials	Metals	Porcelain, Ceramic, Glass..etc.
• Leather	• Horn • Bone • Cork • Wood • Paper • Straw • Stone	• Stainless steel • Brass • Copper • Gold • Silver • Aluminum • Alloy	• Glass • Synthetic stone • Porcelain • Ceramic • Crystal

Feathers & Down	Polymers	Coatings & Prints	Glues & Adhesives
• Feathers • Down	• Ethylene vinyl acetate (EVA) • Polystyrene (PS) • Polyethylene (PE) • Acrylonitrile butadiene styrene (ABS) • Neoprene • Polypropylene (PP) • Polycarbonate (PC) • Polyamide (PA) • Polyurethane (PU) • Polyvinyl chloride (PVC) • Thermoplastic polyurethane (TPU) • Thermoplastic elastomer (TPE) • Styrene ethylene butylene styrene (SEBS)	Printing techniques such as: • Heat transfers • Dye sublimation printing • Screen printing • Direct-to garment printing • Discharge printing • Plastisol transfers Coatings such as: • Polyvinyl chloride (PVC) • Polyurethane (PU) • UV-cured	• Hot melt adhesive • Powdered adhesive • Flock adhesive • Contact adhesive • Latex glue • Polyurethane glue • Neoprene cement • Epoxies • Silicone adhesive • UV-cured adhesive

Note: This table provides examples of materials within each category but is not all-inclusive.

