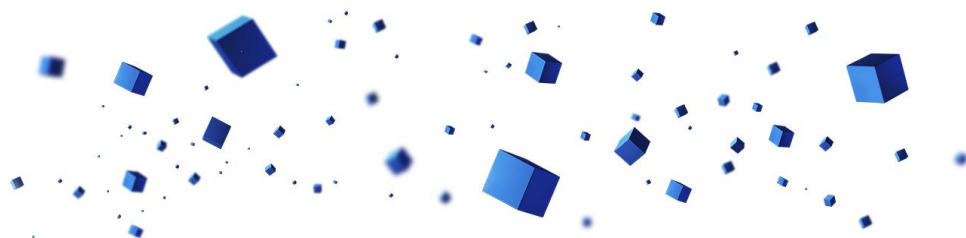


bluesign® Restricted Substances List (RSL)

CHANGES 2022

Version 13.0, 01 July 2022 – compared to Version 12.0, 01 July 2021





Purpose

This document gives an overview about the relevant changes in RSL version 13.0 compared to version 12.0. Changes are marked in red.

Validity of RSL 13.0

RSL 13.0 comes into force on 01 July 2022.

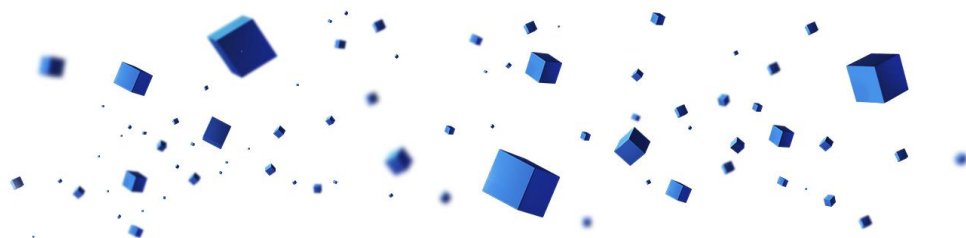
It replaces the bluesign® Restricted Substances List (RSL) version 12.0 from 01 July 2021.

Restricted parameters

pH-Value: Revised methods and change of pH-range for leather products: 3.2 - 4.5 (Topic 5.1 in RSL)

New substances, changed limits or methods

Aldehydes								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Formaldehyde	50-00-0	Leather						Revised test method.
Alkylphenoxyethoxylates (APEOs)								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Group	Several	All						Revised test method.
Biocides								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Dimethylfumarate	624-49-7	All						Test method update: ISO 16186 (2021)
o-Phenylphenol and its salts	Several	Textiles Leather						Test method update: DIN 50009 (2021)
Chlorinated Phenols								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Group	Several	All						New test method: DIN 50009 (2021).
Colorants with carcinogenic potential								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Pigment Black 25	68186-89-0							Deleted from RSL.
Pigment Yellow 157	68610-24-2							Deleted from RSL.
Solvent Red 80	6358-53-8	All	Usage ban		20		mg/kg	New substance in Annex.
Direct Brown 95	16071-86-6	All	Usage ban		20		mg/kg	New substance in Annex.
Flame Retardants								



Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Brominated alkyl alcohols	Several							New group for below substances.
1-Propanol, 2,2-dimethyl-, tribromo deriv.	36483-57-5 1522-92-5	All	Usage ban		5		mg/kg	New substance.
2,3-Dibromopropan-1-ol - (2,3-DBPA)	96-13-9	All	Usage ban		5		mg/kg	New substance.
Chlorinated Paraffins, all chain lengths	Several	Leather						Revised test method: ISO 18219 (2021)
Chlorinated Paraffins, all chain lengths	Several	Textiles and others						Revised test method: ISO 22818 (2021)
Metals								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Nickel, its salts and compounds	7440-02-0	Metal parts Polymer parts						Revised test method for release: EN 12472 (2020)
Other Chemical Substances								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Benzyl chloride	100-44-7	All	Usage ban		1.0		mg/kg	Added, was deleted before by mistake.
Acrylamide	79-06-1							Deleted in this group (double entry), remains in Monomers.
Perfluoroalkyl carboxylic acids and derivatives - PFCA								
Perfluoroalkyl sulfonic acids and derivatives - PFSA								
General usage ban for all PFCA/PFSA chemicals. All substances listed in this groups with status monitoring or limitation are changed to usage ban. Exceptions only possible for chemical products (based on C6 chemistry) that are intended for essential use as defined in coming EU regulation.								
Polyaromatic Hydrocarbons (PAHs)								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Naphtho[1,2,3,4-def]chrysene	192-65-4	All	Usage ban					5 new PAH substances in Annex. PAH group limit value applies.
Dibenzo[b,def]chrysene	189-64-0	All	Usage ban					
Benzo[<i>rst</i>]pentaphene	189-55-9	All	Usage ban					
Methylpyrene, 1-	2381-21-7	All	Usage ban					
Cyclopenta[<i>c,d</i>]pyrene	27208-37-3	All	Usage ban					
Solvents								
Chemical Name	CAS Number	Sector of Use	Limit Type	A	B	C	Unit	Comment
Toluene	108-88-3	All	Usage ban	10	50	50	mg/kg	Usage ban. Exception valid for solvent coating and metal treatment.
Xylene, all isomers	1330-20-7	All	Usage ban	50	100	100	mg/kg	Higher limit values.