

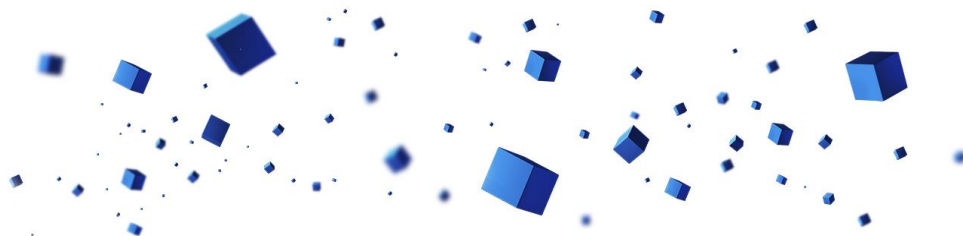
bluesign® system substances list (BSSL)

Consumer safety limits

CHANGES 2021

Version 12.0, July 1st 2021 – compared to Version 11.0, December 1st 2020





Purpose

This document gives an overview about the relevant changes in BSSL version 12.0 compared to version 11.0. Changes are marked in red color.

Validity of BSSL 12.0

BSSL 12.0 comes into effect from July 1st, 2021.

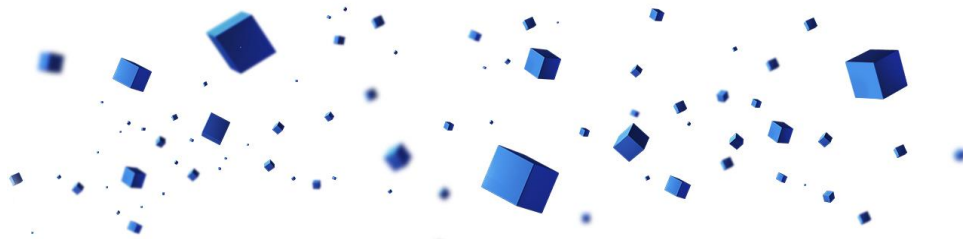
It replaces the bluesign[®] system substances list (BSSL) Consumer safety limits, version 11.0 from December 1st, 2020.

For all bluesign[®] SYSTEM PARTNERS the implementation of the revised sections, unless stated otherwise, shall take place by July 1st, 2022 at the latest.

Consumer Safety Limits

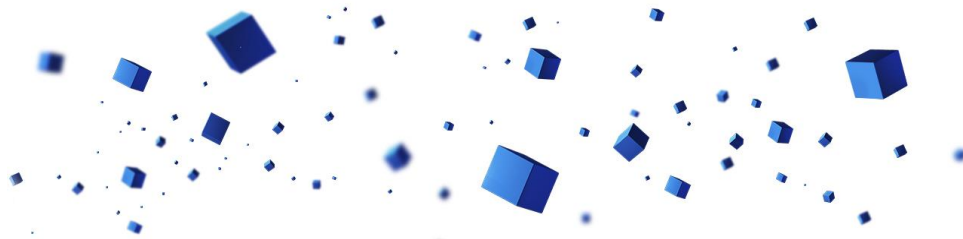
Amines								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Triethanol amine	102-71-6							Deleted from BSSL
Dicyclohexyl amine	101-83-7							Deleted from BSSL

Biocides								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Dichlorooctyl isothiazolinone - (DCOIT)	64359-81-5	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		10		mg/kg	Lower limit
2-Methyl-1,2-benzothiazol-3(2H)-one - MBIT	2527-66-4	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		10		mg/kg	New substance. Exception: Allowed for in-can preservation. Articles need to comply latest 01.07.2023
2-n-Octyl-4-isothiazolin-3-one - (OIT)	26530-20-1	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		10		mg/kg	Lower limit. Articles need to comply with new limit latest 01.07.2023
Pyrrithione zinc	13463-41-7	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		10		mg/kg	New substance. Articles need to comply latest 01.07.2023



Colorants								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Colorants with carcinogenic potential	Several		Usage ban					200 mg/kg for every allocated member/substance
Leucomalachite green	129-73-7	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		20		mg/kg	New substance
Colorants with allergenic potential	Several		Usage ban					200 mg/kg for every allocated member/substance
Disperse Blue 35 B	56524-76-6	Textiles Metal parts Polymer parts Down/feather Leather						Substance with CAS 56524-76-6 added to group Disperse Blue 35

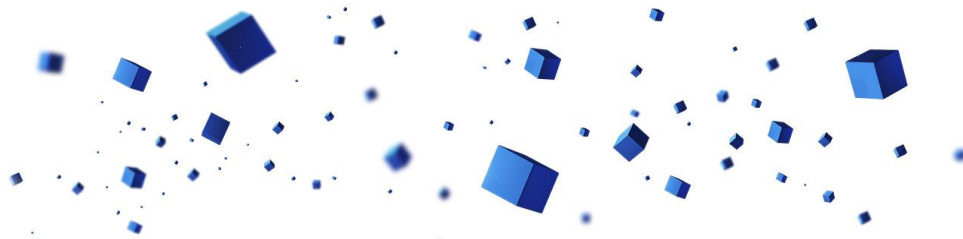
Flame retardants								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Polybrominated diphenyl ethanes	Several							
Decabromodiphenylethane (DBDPE)	84852-53-9	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban		5		mg/kg	New substance. Same limit as other brominated flame retardants



Monomers								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
2-methoxyethyl acrylate	3121-61-7	Textiles Metal parts Polymer parts Down/feather Leather	Limitation	10	50	50	mg/kg	New substance. Articles need to comply latest 01.07.2023
N-Methylolacrylamide	924-42-5	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban	1.0	10	10	mg/kg	Carc 1B; Muta 1B. Change to usage ban
1-Vinylimidazole	1072-63-5	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban	50	200	200	mg/kg	New substance. Articles need to comply latest 01.07.2023

Other Chemical Substances								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Colophony	8050-09-7	Textiles Metal parts Polymer parts Down/feather Leather	Limitation		10			No usage ban anymore. BSSL limit remains.
Bisphenol A	80-05-7	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban	1.0	10	10	mg/kg	Same limit for all sectors of use.

Ozone depleting substances								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Ozone depleting substances	Several	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban					Clean-up the list of substances according to regulation EC 1005/2009



Polyaromatic hydrocarbons (PAHs)								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Dibenzo[def,p]chrysene	191-30-0	Textiles Metal parts Polymer parts Down/feather Leather	Usage ban					New substance in group. PAH group limit applies

Solvents								
Chemical Name	CAS Number	Sector of Use	Limit type	A	B	C	Unit	Comment
Benzene	8032-32-4							Deleted from BSBL and BSSL
Gasoline	8006-61-9							Deleted from BSBL and BSSL
N,N-Dimethylacetamide (DMAC)	127-19-5							Exception from usage ban also valid for solvent coating and lamination (A: 10 mg/kg, B: 50 mg/kg, C: 50 mg/kg)
2-Pyrrolidone	616-45-5	Textiles Metal parts Polymer parts Down/feather Leather	Limitation	50	100	100	mg/kg	New substance. Mid-term goal is a usage ban. Follow-up at CEG 2022 Articles need to comply latest 01.07.2023