

bluesign® Restricted Substances List (RSL)

CHANGES 2020

Version 11.0, December 01, 2020 – compared to version 10.0, July 1, 2019

Purpose

This document gives an overview about the relevant changes in RSL version 11.0 compared to version 10.0. Changes are marked in red color.

Testing methods

Several testing methods have been updated, please refer to the revised RSL document; they are not listed in the change document at hand.

New or changed Limits

SUBSTANCE	LIMIT [mg/kg]			COMMENT
	A	B	C	
Colorants with carcinogenic potential	Usage ban			
Solvent Violet 8 (CAS 561-41-1) – with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	Usage ban: 20			New member of this group (in annex), is in SVHC candidate list
Flame retardants	Usage ban			
Tricresylphosphate (CAS 1330-78-5)	Usage ban: 5			New member of this group (in annex), for completion of group
Monobromodiphenyl ether (MonoBDE) (several CAS)	Usage ban: 5 for every single substance			New member of this group, in annex, substance alignment with ZDHC MRSL 2.0

SUBSTANCE	LIMIT [mg/kg]			COMMENT
	A	B	C	
Fluorinated Greenhouse Gases	Removed from RSL			This substance group is removed from BSSL and RSL due to the fact that the corresponding risk is not related to consumer safety, but to the environment during manufacturing. Testing textiles on these high volatile components is not an appropriate measure to control these substances. Bluesign restricts and controls these substances via BSBL and process control at manufacturing sites. Brands are free to keep these substances in their own RSL when the supply chain cannot be controlled in a way as it is possible within the bluesign® SYSTEM.
Perfluorooctanoic acid (PFOA) and its salts	Usage ban: 25 µg/kg, limit for group			PFOA was already in RSL, for alignment with EU regulation the salts now included.
Sodium pentadecafluorooctanoate (CAS 335-95-5)				New members of this group (in annex), added for completion of group
Potassium perfluorooctanoate (CAS 2395-00-8)				
PFOA-related substances	Several			
Octanoyl fluoride, 2,2,3,3,4,4,5,5,6,6, 7,7,8,8,8-pentadecafluoro- (CAS 335-66-0)	Usage ban 1000 µg/kg, for the sum of PFOA-related substances			New members of this group (in annex), added for further completion of group
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7, 8,8,8-pentadecafluoro-, methyl ester (CAS 376-27-2)				
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7, 8,8,8-pentadecafluoro-, ethyl ester (CAS 3108-24-5)				
Halogenated Biphenyls, ...	Usage ban			
Monobromobiphenyl (CAS 26264-10-8)	Usage ban: 5			New member of this group (in annex), substance alignment with ZDHC MRSL 2.0
Other Chemical Substances				
Octamethyl cyclotetrasiloxane (D4-Siloxane, CAS 556-67-2)	30			New in RSL, substances have been already in BSSL and are also in SVHC candidate list.
Decamethyl cyclopentasiloxane (D5-Siloxane, CAS 541-02-6)	50			
Dodecamethyl cyclohexasiloxane (D6-Siloxane, CAS 540-97-6)	50			
2-Phenyl-2-propanol (CAS 617-94-7)	10	50	50	Higher limit, based on new assessment
ADCA (Azodicarbonamide; CAS 123-77-3)	100	200	200	New, blowing agent with respiratory sensitizing property
Solvents				
Xylene, all isomers (CAS 1330-20-7)	100 For sum of all isomers			Higher limit, based on new assessment