

TESCO EXTERNAL REQUIREMENT

Title: Restricted Substances in Textiles, Leather and Footwear (RSiT)

No.: 60391

Version: 22

Date Effective: August 2022

Document Overview

The requirements in this document apply to all Tesco own brand products and cover products not branded as Tesco but for which Tesco has the legal responsibility. It is designed to manage restricted substances in textile products in all Tesco operating markets. It covers Tesco policy, EU legislation, including REACH, and all other in-country legislation. Products covered include, but are not limited to, textile clothing and accessories, footwear, zippers, buckles, bags, interior textiles, textile products for interior use, towels, bed linen, fibres yarns and fabrics.

Market of Sale/Business Unit	Business Area
United Kingdom	General Merchandise
Republic of Ireland	Clothing
Hungary	Sourcing Hubs
Poland	Group Procurement
Czech Republic	
Slovakia	

Table of Contents

1. Purpose & Scope	2
2. Process Flow	3
3. Detailed Requirements	3
4. Roles and Responsibilities	6
5. Glossary	7
6. Associated Documents	7
7. Revision History	9
8. Appendices	14

1. Purpose & Scope

The requirements in this document apply to all Tesco own brand products and cover products not branded as Tesco but for which Tesco has the legal responsibility. It is designed to manage restricted substances in textile products in all Tesco operating markets. It covers Tesco policy, UK & EU legislation, including REACH, and all other in-country legislations. Products covered include, but are not limited to, textile clothing and accessories, footwear, zippers, buckles, bags, interior textiles, textile products for interior use, towels, bed linen, fibres yarns and fabrics.

There are references and testing documents that are related to our Zero Discharge of Hazardous Chemicals (ZDHC) and Detox commitments. At present these documents are applicable only to our F&F branded products. Suppliers can refer to F&F Supplier Guidance to Chemical Compliance for our policy and requirements for meeting this goal. To work towards this goal and follow best practices, we have added new chemicals that should be restricted or managed to phase out under F&F policy in this version with new limits. However, all other areas of our business that source textile products are also working towards meeting the same commitment.

Policy Statement

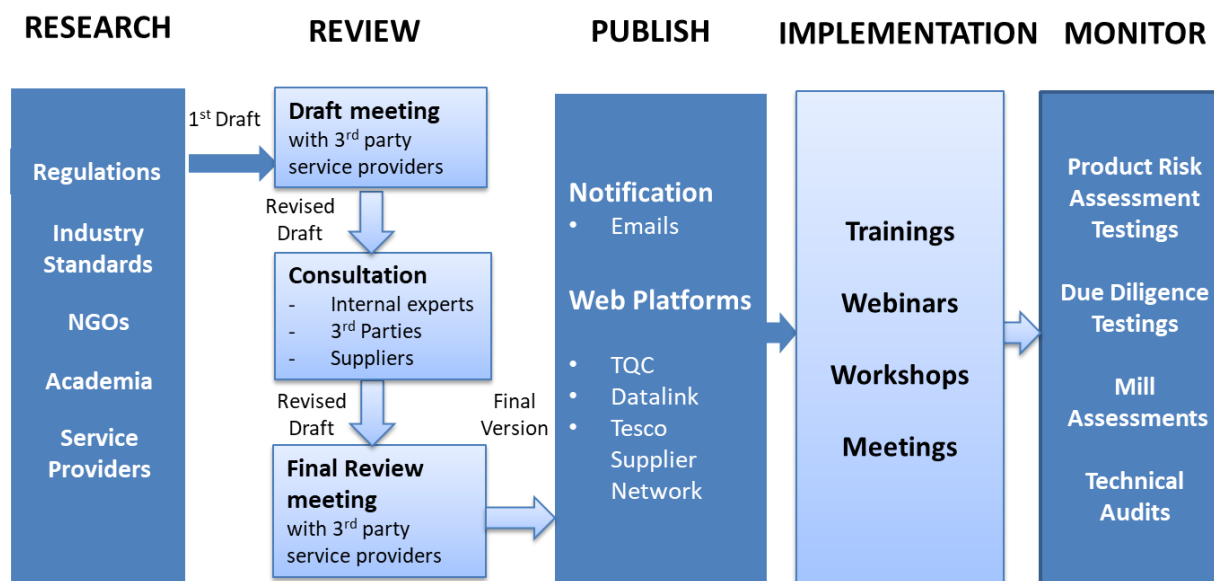
Tesco is committed to ensuring the products we provide are safe, legal and of a quality expected by our customers, whilst being mindful of any potential environmental impact the manufacture of our products may have.

It is our aim to be as environmentally pro-active as is reasonably possible.

Further Information

Any questions concerning this document should be sent to [\[cr.enquiries@tesco.com\]](mailto:cr.enquiries@tesco.com).

2. Process Flow



3. Detailed Requirements

1. How to use this Document

It is the responsibility of Tesco suppliers to ensure that all products supplied to Tesco, comply with the Tesco Restricted Substances in Textiles, Leather and Footwear (RSiT) requirements.

The purpose of this document is to describe the procedures required to achieve compliance to the requirements and to deliver restrictions on substances of very high concern set through relevant local and international legislation.

- 2 All suppliers to Tesco must ensure they are aware of all legislative and other requirements prohibiting or controlling the use of certain materials, chemicals, and processes in the production of textile, leather and footwear products for Tesco. This is to ensure the following:
 - Prohibited substances and chemicals are not used in the supply chain
 - Restricted substances and chemicals are only used within defined limits
 - The environmental protection of your own or your supplier's workforce
 - Our customers are always protected
 - Protection of the environment
 - Protection of the Tesco brand and customer confidence in the brand

- 1.2 All suppliers must nominate a competent employee to manage compliance with the requirements defined in this document and to be responsible for keeping up to date with any new requirements or legislation in this area.

The requirements are based on the best available information at the time of issue and will be subject to updates as technological advances continue in the areas of materials, chemicals and processes, legislation, media and NGO issues and customer requirements or an appropriate international standard method newly release to potentially supersede this document. Whilst our suppliers must ensure all site(s) conform to these requirements we are keen to encourage any feedback on problems you may have concerning the content of this document. As part of our partnership with our suppliers we will always endeavour to resolve any matters to the satisfaction of all parties. We welcome suggestions or improvement we can make.

Please be aware that although the majority of legislation restricting a chemical listed within Appendix II (Tesco Restricted Substances List) appears EU and UK based it is imperative that all suppliers to Tesco comply with the requirements of this document, regardless of their geographical location or the intended market of sale. All chemicals listed have been cross referenced with other national legislative requirements and the tolerances specified reflect the most stringent of these. These again must be adhered to regardless of geographical location or intended market of sale.

2. Important notes on analytical methods

Where test methods are available for the analysis of prohibited or restricted substances the permitted levels are the maximum levels tolerated. The methods of analysis are given as a means of identifying the presence of the prohibited or restricted substances.

Where a permitted limit is given this refers to the maximum allowed limit which is a direct result of background contamination from non-deliberate use of the substance in question. Detection limit stated should be used for the specified test method.

For all F&F wet processing sites, prohibited or restricted substances which should not be intentionally used or detected must be phased out in the whole production site before 1st January 2020.

- 2.1 Suppliers must ensure, although this is not an exhaustive list:

- No prohibited substances are used.
- Any chemicals used must not exceed permitted levels.
- Where possible substances are controlled well below the permitted level.

- 3 Wet processing units must conduct regular wastewater test to monitor their discharge quality. They can refer to the Wastewater detection limit as in Appendix III or latest version of ZDHC wastewater guideline for common sites supplying to other ZDHC signatory brands.

3. General Requirements

- 4 Suppliers must have up to date knowledge and understanding of any substances classified as Substances of Very High Concern (SVHC) manufactured or imported into the country of sale. This can be in the form of substance, mixture, and article.
- 5 Any chemical classified as SVHC must be considered a restricted chemical by suppliers as restricted chemicals are no longer permitted for use in textile articles for Tesco. A full list of these can be found in Appendix II.

Note. Where perfumes are used these must be fully compliant with the allergen requirement of the EU Cosmetic Regulations

- 6 All testing must be conducted at component level.

It is a retailer obligation to provide information to consumers (professional and private ones) on the chemical.

4. Suppliers of articles manufactured within the country of sale

Tesco must be able to provide information to all our customers on the chemical composition of all the products (articles) manufactured and sold within each of our markets.

- 4.1 To ensure we can do this, suppliers must:
 - Inform your Tesco Technical Contact of any products containing SVHCs in concentrations above 0.1% weight by weight (1000ppm), measured at component level.
 - Ensure all necessary information to allow the safe use of the product by the Tesco customer is in both an understandable format and clearly identifiable
 - Manage the notification and registration of SVHCs in accordance with UK & EU REACH Regulations (where applicable).

5. Suppliers of articles manufactured outside of and imported into the country of sale

- 5.1 Importers must be able to prove the safety of the products, with regards to chemicals, that they import.
- 5.2 Importers must obtain the composition of the products they import from their suppliers i.e. the name (CAS-Number) and the quantities of all the substances which any mixture contains.
- 5.3 Importers must inform Tesco on the presence of SVHCs in concentrations greater than 0.1% weight by weight (1000ppm), measured at component level, in the articles they import.
- 5.4 Importers of articles must notify Tesco if they import products containing SVHCs with greater than 0.1% SVHC present and SVHCs imported in quantities greater than 1 ton per year.

- 5.5 Importers must ensure all necessary information to allow the safe use of the product by the Tesco customer is in both an understandable format and clearly identifiable
- 5.6 Importers must manage the notification and registration of SVHCs and this should be performed through an notified notification body.

4. Roles and Responsibilities

Role	Responsibility
Fabric and Clothing Technical Team	To communicate and implement the requirements to supply chain.
Technical Manager	Conduct risk assessment and review cases where requirements cannot be met.
Head of Technical	Review business cases presented by TM and made final decisions.
Sustainability and Fabric Manager	Review legal, industry and voluntary standards and performance, update this document in regular basis and support implementation.
Risk and Regulation Manager	Give input, review, and approve this document.
Vendors/Supply Chain	Implement the requirements in the supply chain where chemicals are used, conduct risk assessment and monitor performance using appropriate tools such as those from ZDHC (e.g. MRSL, Wastewater Guidelines, Gateway, Academy), Tesco All-in-one Self-Assessment, chemical testing, Adec CleanChain/BV E-cube/GoBlu Hive, TTFMS and TTFMS Mill Standards.

5. Glossary

Acronym	Definition
SVHCs	Substances of Very High Concern
Substance	A chemical element or a compound that can be obtained naturally or by any manufacturing process. This includes any additive necessary to preserve its stability and any impurity deriving from the process used but excludes any solvent which may be separated without affecting the stability of the substance or changing its composition.
Mixtures	Solutions composed of two or more substances. Examples include varnishes, cosmetics, paints, detergents etc.
Articles	Objects which during production are given a special shape, surface or design which determines its function to a greater degree than does its chemical composition. Examples of articles include furniture, textiles, toys, electrical devices, etc.
Component	The constituent parts of an article, with coatings removed, and tested separately from the base materials they have been applied to. For example: <ul style="list-style-type: none"> • A piece of jewellery disassembled into its individual components with each part tested separately. In addition, any paint/ coating is removed from base metal beads and tested separately. • A bag which consists of an outer material with interlining and inner lining and straps containing inner core materials, metal hardware and other components should be completely disassembled into the constituent parts and each part be treated as a component. • A placement pigment print on a t-shirt.
RsiT	Restricted Substances in Textiles, Leather and Footwear List
ZDHC	Zero Discharge of Hazardous Chemicals which also refers to ZDHC Foundation.
MRSL	Manufacturing Restricted Substances List
Detox	It is an initiative from Greenpeace which Tesco has pledged to commit.
TTFMS	Tesco Textiles and Footwear Manufacturing Standard

6. Associated Documents

Document No.	Document Title
60393	Use of safer substances in Tesco non-food products (Chemical Policy)
80501	Guidance for compliance with the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
80391	Tesco Restricted Substances in Textiles, Leather and Footwear List Tool
60517	Chemical Compliance for Textile and Clothing Supply Chain
CEN/TR 16741	For guidance on health and environmental issues related to and textile

	<p>Textiles products chemical content of textile products intended for clothing, interior textiles and upholstery</p> <p>EU REACH Candidate List: https://echa.europa.eu/candidate-list-table</p> <p>REACH Annexe XIV the Authorisation List: https://echa.europa.eu/authorisation-list</p> <p>REACH Annexe XVII: This is the UK & EU list of banned substances that are restricted for manufacture and placing on the market in the UK & EU.</p> <p>ZDHC MRSL: This is list of Manufacturing Restricted Substances List recommended by ZDHC https://mrsl.roadmaptozero.com/mrsl/MRSL2_0/index.php</p>
60113	Inhouse Test Method for Glycols
60114	Inhouse Test Method for Monomer (Acrylamide)

7. Revision History

Date Effective	Version	Document Section	Change Summary
2015-08-25	7	Details requirements	All test applicable to Annex XIV requirements follow SVHC to determine test results
2015-10-07	8	Details requirements	Nickel Release requirements should effective as 0.5µg/cm ² /week. Test Method stay as current version. Test result interpretation is 0.88µg/cm ² /week is failed. 0.5µg/cm ² /week or below is pass. New Test Method EN1811:2011+A1:2015 and update interpretation of test result will be effective together with next version of RsiT.
			For disperse dye, according to KC mark regulation, detection limit is changed from 5ppm to 20 ppm.
			Follow as below for NP: 1000ppm (SVHC), NPEO:1000ppm (Annex XVII) Detection limit: NP (10ppm) NPEO (10ppm)
			For AZO Dyes, remove Annex XIV requirements. For Phthalates, remove Annex XIV requirements. I.e. Sum of DBP/BBP/DEHP = 1000ppm, Sum of DIDP/DNOP/DINP=1000ppm, Others = 1000ppm. Detection limit: 50 ppm
2016-01-25	9	Details requirements	Include Swiss Ordinance 814.81 in RSL Update ZDHC MRS L V1.1 Include BPR Restricted Biocide in RSL Update KC Mark Requirement Update Nickel Release Requirement Update Extractable Heavy Metal test method to BS EN 16711-2 Update Organotin test method to ISO 16179 Update TSD Analytes and Requirement Include Restricted Substances based on F&F Policy Add Detection Limit to Each Substances
2016-08-11	10	Details requirements	Revise Organotin Analyte list and Requirement Addition of SVHC requirement on BaP Update in AP APEO test method for Textile Update PAH requirement Revise Chemical Class Name to “Carcinogenic Dyes”, “Allergenic Disperse Dyes”, “Navy Blue”, “PFCs (Perfluorocarbon / Polyfluorinated Compounds)” Add Bisphenol A Add Selenium (Extractable) in F&F Policy Add Carbon Disulphide in F&F Policy Add Guidance of Concerned Chemicals in Textile & Footwear Materials Add Guidance of Concerned Chemicals in Textile & Synthetic Leather Chemicals

Date Effective	Version	Document Section	Change Summary
2017-02-28	11	Details requirements	Add SVHC Candidate List Substances Inclusion of AFIRM RSL V2 Update F&F Policy Requirement Remove Indonesia and Egypt Regulatory Limit Added Wastewater Tab with testing requirements and limits.
2017-07-18	12	Details requirements	Change chemical class for 2 phenyl 2 propanol Change chemical class for acetophenone Remove KC Mark Change requirement ND for Direct Brown 95, Solvent Yellow 2, disperse yellow 7, disperse yellow 56 PentaDBE: legal 10 mg/kg; F&F policy ND Add octaBDE regulation and limit TBT: change to REACH annex XVII limit and F&F policy requirement DBB: change Detection limit to 1 ppm Add SVHC requirement to PFHxS Add DIOP and DNP to F&F policy Formaldehyde: add the GB rubber footwear requirement. Add 4-(1,1,3,3-Tetramethylbutyl)phenol / 4-tert-octyl phenol (SVHC) Revised the restriction recommendation for PAH Add individual requirement for 3 PAHs:
2018-01-10	13	Details requirements	Orthophenylphenol : limit change for non-leather item: Baby: 10 mg/kg; Others: 25 mg/kg Remove 'X' for 2,3,6 Trichlorophenol and Triphenyltin under ZDHC MRSL column Add aniline test method: Textile: EN 14362-1 / EN 14362-3; Leather: ISO 17234-1 / ISO 17234-2 (without reducing agent) Change Short Chain Chloroparaffins (SCCP) (C10 – C13) limit to 100 mg/kg Revise Bisphenol A test method : solvent extraction followed by LCMS Change chemical class “solvents” to “solvents/VOC” Phenol: newly added parameter Adding two more remarks in 'Protocol' tab Revise class 'solvents' to 'solvents/VOC' in chem guidance for materials and Tex Chemical

Date Effective	Version	Document Section	Change Summary
2018-09-19	14	Details requirements	<p>Mark 'X' under SVHC for Lead, Di-cyclohexylphthalate, Benzo[a]anthracene, Chrysene (CHR)Benzo[g,h,i]perylene (BPE)</p> <p>Add new substances under SVHC with requirement 1000 ppm:</p> <p>Trimellitic anhydride</p> <p>Decamethylcyclopentasiloxane</p> <p>Disodium octaborate</p> <p>Dodcamethylcyclohexasiloxane</p> <p>ethylenediamine</p> <p>Lead</p> <p>Octamethylcyclotetrasiloxane</p> <p>Terphenyl, hydrogenated</p> <p>1,6,7,8,9,14,15,16,17,17,18,18-</p> <p>Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)</p> <p>Cadmium carbonate</p> <p>Cadmium hydroxide</p> <p>Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)</p> <p>Change soluble lead limit for TSD Cat III to 23 mg/kg and update the EN71-3 method to EN 71-3:2013+A3:2018</p>
2019-01-29	15	Details requirements	<p>Add new substances according to REACH Annex VII Entry 72</p> <p>2-Naphthylammoniumacetate</p> <p>4-methoxy-m-phenylene diammonium sulphate; 2,4- diaminoanisoole sulphate</p> <p>α, α,α,4-tetrachlorotoluene; p- chlorobenzotrichloride</p> <p>α, α,α-trichlorotoluene; benzotrichloride</p> <p>α-chlorotoluene; benzyl chloride</p> <p>Add new substances according to SVHC:</p> <p>2,2-bis(4'-hydroxyphenyl)-4- methylpentane</p> <p>1,7,7-trimethyl-3-(phenylmethylene)11icycle[2.2.1]heptan-2-one</p> <p>Disodium octaborate: change the class name to 'Flame retardants' and limit to 10 mg/kg</p> <p>4-Chloro-o-toluidinium chloride or 4-chloro-o-toluidine hydrochloride and 2,4,5-Trimethylaniline hydrochloride: change chemical class to Others -aryl amine salts</p> <p>N-Nitrosodibenzylamine (NDBzA), N-Nitrosodiethanolamine (NDELA), N-Nitrosodiisobutylamine (NdiBA), N-Nitrosodiisononylamine (NdiNA)N-Nitrosodiisopropylamine (NdiPA) N-Nitrosodipropylamine (NDPA)</p> <p>Glyphosate and salts, are listed in this version and they are under observation only.</p> <p>Dimethylphthalate is added to phthalate group, and DMP shall be taken into account for F&F policy requirement (sum of all phthalates: 1000 ppm)</p> <p>The legal requirement for 1,2-benzenedicarboxylic acid; dic6-8-branched alkylesters, C rich, Bis(2-methoxyethyl) phthalate, Di-isopentyl phthalate, di-n-penylphthalate, di-n-penyl phthalate, di-n-hexyl</p>

			<p>phthalate, DEHP, DBP, BBP, DIBP has been changed due to the REACH Annex XVII new entry and amendments.</p> <p>Phenanthrene (PHE), Fluoranthene (FLT), Pyrene (PYR), Benzo[k]fluoranthene (BkF) are now on SVHC candidate list</p> <p>Formaldehyde becomes legal per REACH Annex XVII, and the legal requirement is 75 ppm, F&F policy changed to Baby :16; others 75; method ISO 17226-1 is added.</p> <p>Bezene is under REACH Annex XVII</p> <p>Quinoline is under REACH Annex XVII now and limit changed to 50 ppm</p>
2019-08-9	16	Details requirements	<p>Pentachlorophenol becomes legal per EU POP regulation and legal requirement is ND</p> <p>TetraBDE, PentaBDE, HexaBDE, HeptaBDE & DecaBDE changed legal requirement per EU POP Regulation and it is sum of above BDE: 500 mg/kg</p> <p>Remove CPSIA total lead requirement, and add total lead requirement per EU REACH Annex XVII</p> <p>Inclusion of AFIRM v4</p> <p>Inclusion of newly release SVHC substances (July 2019)</p> <p>Changes of organotin substances limits</p> <p>Change of CrVI limit for toys safety directive</p>
2020-01-31	17	Details requirements	<p>Add columns for including chemical substances of ZDHC MRSL 2.0 and ZDHC candidate list</p> <p>Benzyl chloride is under 'Solvent' category in ZDHC MRSL</p> <p>Some individual PBBs are listed separately because MRSL 2.0 has listed them out. They are under the same restrictions under PBB in relevant products</p> <p>Total Arsenic, total mercury, endosulfan, glyphosate and salts are added under F&F policy</p> <p>Update nitrostable substances requirement and add one new nitrosamine</p> <p>Sum of phthalates changed to 500 ppm under F&F policy</p> <p>New SVHCs are added or updated.</p> <p>Some sludge test methods are updated</p>
2020-08-28	18	Details requirements	<p>Reference to Swiss and GB regulations are removed</p> <p>7 New SVHCs are added or updated.</p> <p>Inclusion of AFIRM v5 (Add DBDPE, Phthalate, Drometrizole, PFOS-related substance PFOA-related substance)</p> <p>Inclusion of GOTS v6 (Add HpP, PeP, extractable Mn, Zn & Ba, SCCP+MCCP, D4, D5&D6, chlorobenzene & chlorotoluene and ADCA)</p> <p>Add ZDHC MMCF Air Emission Guideline</p> <p>Add Chemical Risk Assessment Matrix in the tool (F&F only)</p>
2021-02-22	19	Details requirements	<p>Add Packaging Risk Matrix</p> <p>Update test methods for AP/APEO, DMFu, Flame retardants, Bisphenol, nitrosamines, PAH, organotin, PFCs, chlorobenzenes and chlorotoluenes, NMP, DMAC, DMFa, Formamide, VOC, glycols, acrylamide, vinyl monomer, organotin, etc</p> <p>acid red 114, solvent yellow 1, solvent yellow 2, solvent yellow 3.</p> <p>Disperse red 151, Solvent Yellow 2 (4-Dimethylaminoazobenzene, Direct Blue 15, disperse red 151 updated as F&F policy criteria</p>

			<p>Add back some isomers of PBB, PBDE</p> <p>Add back dichlorobenzene, trichlorobenzene, tetrachlorobenzene, to align commercial requirement list.</p> <p>Change cyclohexanone and ethylbenzene as F&F policy to align with VOC testing substance list</p> <p>CAS Nr of some chemicals are updated or corrected.</p> <p>Move vinyl chloride to 'Monomer', 'NMP to VOC/Solvent'</p> <p>Add two new SVHC substances: Bis (2-(2-methoxyethoxy)ethyl)ether; Dioctyltin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivatives, and any other stannane, dioctyl-, bis (fatty acyloxy) derivative. Wherein C12 is the predominant carbon number of the fatty acyloxy moiety</p>
2021-08-19	20	Details requirements	<p>8 New SVHCs are added or updated.</p> <p>Add the common name Solvent Violet 8 for 4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol</p> <p>Revise the legal limit of PCP to 5 mg/kg.</p> <p>Inclusion of Bluesign v12 (Add PAH (Dibenzo[a,l]pyrene) CAS no. of disperse blue 35, Leucomalachite Green, Solvent Violet 8, DBDPE</p> <p>Update MCCP Legal 1000 mg/kg per SVHC requirement</p> <p>Several PFC's note changed from REACH to POP.</p> <p>Update EU Fluorinated Greenhouse Gases regulation</p> <p>Add EU Ozone-depleting Substances regulation</p> <p>Add the Other: Porcelain, Ceramic, Glass, Crystal, Etc. in Chemical Risk Assessment Matrix</p> <p>Drop chemical guidance for material tab</p> <p>ZDHC MRSL1.1 is completely replaced by MRSL2.0</p>
2022-2-18	21	Details requirements	<p>8 New SVHCs are added</p> <p>add C9-C14 PFCA regulation per EU REACH Annex XVII Entry 68</p> <p>Update AP, APEO limits with BP (4 tert-butylphenol)</p> <p>update TeOT requirement</p> <p>Inclusion of AFIRM RSL v7 (Update limit for AP/APEO , Carc. Dyes, Disperse dyes, Navy Blue, Extractable Pb & Cr,); (Update test method, DMFU, OPP, Chlorophenols, SCCP, MCCP, LCCP); (Update detection limit of BPA, UV 320, UV 327, UV 328, UV 350, Drometrizole)</p> <p>Inclusion of Oeko-Tex 2022 (add limit for BPB, 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol & C .I. Solvent Blue 4); (add substance for under observation MIT, BPF, BPS, BPAF, Disperse Red 60, MIT, 2-MBT, CMK, TCMTB, OIT)</p>
2022-08-17	22	Details requirements	<p>1 new SVHC is added</p> <p>Inclusion of dyestuff (SR 80 & DB95), Brominated alkyl alcohols, 5 new PAH;</p> <p>Update group limit of PAH, limit of Xylene;</p> <p>Deleted dyestuff PB25 & PY157</p>

8. Appendices

Appendix I : F&F Franchise and Countries List

1. Czech Republic
2. Hungary
3. Poland*
4. Republic of Ireland
5. Slovakia
6. United Kingdom

*denotes countries that we will phase out and the rest will continue to sale.

Appendix II: Tesco Restricted Substances List

The restricted substances list as published by Tesco is not a definitive list of restricted substances and remains accurate only at point of publish. You are required to monitor changes in legislative requirements pertinent to your country of sale.

RSiT	: It refers to restricted chemicals that are within the scope of Restricted Substances List in Textiles (RSiT) in products.
RSL	: It refers to Restricted Substances List (RSL) with legal requirements in countries where we have operations.
SVHC	: It refers to Substance of Very High Concerns (SVHC) that listed in REACH Annex XIV.
TSD	: It refers to chemicals regulations from UK Toys (Safety) Regulations 2011 and EU Toy Safety Directive 2009/48/EC (TSD) which are specifically applicable to toy appealing products.
ZDHC MRSL	: It refers to chemicals from ZDHC Manufacturing Restricted Substances List (MRSL) V2.0 which is the latest version. Limits stated are “Formulation Limit” (also known as Group B) which is for chemical formulation limit else it should follow “Supplier Guidance” (also known as Group A) with “no intentional use” in raw material and finished products. This standard should start incorporated from 1 st January, 2020 with a 12 month grace period for implementation. Candidate List (CL) is not mandatory, suppliers are expected to prepare phase out in subsequent version.
ZDHC MMCF	: It refers to the ZDHC Man-made Cellulosic Guideline parameters which are applicable to MMCF fibre production only.
F&F policy	: It refers to limits that applicable for F&F products only.
GOTS	: It refers to the Global Organic Textile Standard (GOTS) which is applicable to products which are made from organic cotton sources.

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Nonylphenol (NP), mixed isomers	Multiple	Legal: 1000 F&F Policy: BP+NP+OP+PeP+HpP: 10	0.1% limit for SVHC's in articles F&F Policy	3	ppm	Banned - No intentional use
				X		X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Octylphenol (OP), mixed isomers	Multiple	BP+NP+OP+PeP+HpP: 10	F&F Policy	3	ppm	
X	X	X		X		X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Nonylphenol ethoxylates (NPEO)	Multiple	Legal: 100 F&F Policy: BP+NP+OP+PeP+HpP+NPEO+OPEO: 100	EC 1907/2006 Annex XVII Limit F&F Policy	30	ppm	
				X		X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Octylphenol ethoxylates (OPEO)	Multiple	BP+NP+OP+PeP+HpP+NPEO+OPEO: 100	F&F Policy	30	ppm	
						X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Pentylphenol (PeP), mixed isomers	Multiple	BP+NP+OP+PeP+HpP: 10	F&F Policy	3	ppm	
X	X	X				X	X	Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Heptylphenol (HpP), branched and linear	Multiple	Legal: 1000 F&F Policy: BP+NP+OP+PeP+HpP: 10	0.1% limit for SVHC's in articles F&F Policy	3	ppm	
X	X	X				X		Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	4-tert-butylphenol	98-54-4	Legal: 1000 F&F Policy: BP+NP+OP+PeP+HpP: 10	0.1% limit for SVHC's in articles F&F Policy	3	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X							Asbestos Fibres	Crocidolite	12001-28-4	Prohibited	EC 1907/2006 Annex XVII limit	/	/	Banned - No intentional use
X	X							Asbestos Fibres	Amosite	12172-73-5	Prohibited	EC 1907/2006 Annex XVII limit	/	/	
X	X							Asbestos Fibres	Anthophyllite	77536-67-5	Prohibited	EC 1907/2006 Annex XVII limit	/	/	
X	X							Asbestos Fibres	Actinolite	77536-66-4	Prohibited	EC 1907/2006 Annex XVII limit	/	/	
X	X							Asbestos Fibres	Tremolite	77536-68-6	Prohibited	EC 1907/2006 Annex XVII limit	/	/	
X	X							Asbestos Fibres	Chrysotile	12001-29-5	Prohibited	EC 1907/2006 Annex XVII limit	/	/	
X	X	X		X		X	X	Azo Dyes	4-Aminobiphenyl	92-67-1	20	F&F Policy	5	ppm	Banned - No intentional use
X	X			X		X	X	Azo Dyes	Benzidine	92-87-5	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	4-Chloro-o-toluidine	95-69-2	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	2-Naphthylamine	91-59-8	20	F&F Policy	5	ppm	
X	X	X				X	X	Azo Dyes	o-Aminoazotoluene	97-56-3	20	F&F Policy	5	ppm	
X	X					X	X	Azo Dyes	5-Nitro-o-toluidine	99-55-8	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	4-Chloroaniline	106-47-8	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	4-Methoxy-m-phenylenediamine	615-05-4	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4,4'-Diaminodiphenylmethane	101-77-9	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	3,3'-Dichlorobenzidine	91-94-1	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	3,3'-Dimethoxybenzidine	119-90-4	20	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X	X	Azo Dyes	3,3'-Dimethylbenzidine	119-93-7	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4,4'-Methylenedi-o-toluidine	838-88-0	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	6-Methoxy-m-toluidine (p-cresidine)	120-71-8	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4,4'-Oxydianiline	101-80-4	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	4,4'-Thiodianiline	139-65-1	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	o-Toluidine	95-53-4	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4-Methyl-m-phenylenediamine	95-80-7	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	2,4,5-Trimethylaniline	137-17-7	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	o-Anisidine	90-04-0	20	F&F Policy	5	ppm	
X	X	X		X		X	X	Azo Dyes	4-Aminoazobenzene	60-09-3	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	2,6-Xylidine	87-62-7	20	F&F Policy	5	ppm	
X	X			X		X	X	Azo Dyes	2,4-Xylidine	95-68-1	20	F&F Policy	5	ppm	
X	X			X		X		Others - Aryl amine salt	2-Naphthylammoniumacetate	553-00-4	Legal: 30 F&F Policy: 20	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	
X	X			X		X		Others - Aryl amine salt	4-methoxy-m-phenylene diammonium sulphate; 2,4- diaminoanisole sulphate	39156-41-7	Legal: 30 F&F Policy: 20	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X		Others - Aryl amine salt	4-Chloro-o-toluidinium chloride or 4-chloro-o-toluidine hydrochloride	3165-93-3	Legal: 30 F&F Policy: 20	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	
X	X			X		X		Others - Aryl amine salt	2,4,5-Trimethylaniline hydrochloride	21436-97-5	Legal: 30 F&F Policy: 20	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	
X	X							Biocides / Preservatives	Dimethylfumarate (DMFu or DMF)	624-49-7	0.1	EC 1907/2006 Annex XVII limit	0.1	ppm	Banned - No intentional use except PU production
X	X							Biocides / Preservatives	Bis[1-cyclohexyl-1,2-di(hydroxy-.kappa.O) diazeniumato(2-)]-copper	312600-89-8	ND	Biocidal Product Regulation	20	ppm	Banned - No intentional use
X	X			X				Biocides / Preservatives	Triclosan	3380-34-5	ND	Biocidal Product Regulation	10	ppm	
				X		X	X	Biocides / Preservatives	Orthophenylphenol (OPP) & salts	90-43-7	F&F Policy: Non-leather: Baby: 10 ; Others: 25 Leather: 250	F&F Policy	0.5	ppm	
						X		Biocides / Preservatives	4-chloro-3-methyphenol (CMK)	59-50-7	Leather: 250	F&F Policy	5	ppm	
						X		Biocides / Preservatives	2-Thio-cyanato-methyl-thiobenzo-thiazole (TCMTB)	21564-17-0	Leather: 250	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Biocides / Preservatives	2-n-Octyl-4-isothiazolin-3-one (OIT)	26530-20-1	Leather: 250	F&F Policy	5	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2-Chlorotoluene	95-49-8	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	Banned - No intentional use
				X		X	X	Chlorobenzenes and Chlorotoluenes	3-Chlorotoluene	108-41-8	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	4-Chlorotoluene	106-43-4	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,3-Dichlorotoluene	32768-54-0	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,4-Dichlorotoluene	95-73-8	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,5-Dichlorotoluene	19398-61-9	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,6-Dichlorotoluene	118-69-4	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	3,4-Dichlorotoluene	95-75-0	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,3,6-Trichlorotoluene	2077-46-5	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,4,5-Trichlorotoluene	6639-30-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,3,4,5-Tetrachlorotoluene	1006-32-2, 76057-12-0	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X		X	X	Chlorobenzenes and Chlorotoluenes	2,3,5,6-Tetrachlorotoluene	1006-31-1, 29733-70-8	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	Pentachlorotoluene	877-11-2	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	Chlorobenzene	108-90-7	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	Dichlorobenzene	25321-22-6	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2-Dichlorobenzene	95-50-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,3-Dichlorobenzene	541-73-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,4-Dichlorobenzene	106-46-7	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	Trichlorobenzene	12002-48-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2,3-Trichlorobenzene,	87-61-6	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2,4-Trichlorobenzene	120-82-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,3,5-Trichlorobenzene,	108-70-3	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X	X	Chlorobenzenes and Chlorotoluenes	Tetrachlorobenzene	12408-10-5	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2,3,4-Tetrachlorobenzene	634-66-2	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2,3,5-Tetrachlorobenzene	634-90-2	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	1,2,4,5-Tetrachlorobenzene	95-94-3	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene	84713-12-2	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.2	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	Pentachlorobenzene	608-93-5	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
				X		X	X	Chlorobenzenes and Chlorotoluenes	Hexachlorobenzene	118-74-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
X	X			X		X	X	Chlorobenzenes and Chlorotoluenes	α , α , α , 4-tetrachlorotoluene; p- chlorobenzotrichloride	5216-25-1	Legal: 1 F&F Policy: Sum of chlorobenzenes and chlorotoluenes: 1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X	X			X		X	X	Chlorobenzenes and Chlorotoluenes	α , α , α -trichlorotoluene; benzotrichloride	98-07-7	Legal: 1 F&F Policy: Sum of chlorobenzenes and chlorotoluenes: 1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X	X	Chlorobenzenes and Chlorotoluenes	α -chlorotoluene; benzyl chloride	100-44-7	Legal: 1 F&F Policy: Sum of chlorobenzenes and chlorotoluenes: 1	EC 1907/2006 Annex XVII F&F Policy ZDHC MRSL (Under Solvent Category)	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	3,5-Dichlorotoluene	25186-47-4	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	2,3,4-Trichlorotoluene	7359-72-0	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	2,4,6-Trichlorotoluene	23749-65-7	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	3,4,5-Trichlorotoluene	21472-86-6	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	2,3,4,6-Tetrachlorotoluene	875-40-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
						X	X	Chlorobenzenes and Chlorotoluenes	2,3,4,6-Tetrachlorotoluene	875-40-1	Sum of chlorobenzenes and chlorotoluenes: 1	F&F Policy	0.1	ppm	
X	X			X			X	Chlorophenols	Pentachlorophenol (PCP)	87-86-5	Legal: 5 GOTS: 0.01 (Other); 1 (For Natural Latex Foam)	POP Regulation	0.5	ppm	
X	-			X		X	X	Chlorophenols	2,3,4,5-Tetrachlorophenol (TeCP)	4901-51-3	Sum of TeCP: 0.5 GOTS: 0.01 (Sum of TeCP)	F&F Policy	0.5	ppm	
X	-			X		X	X	Chlorophenols	2,3,4,6-Tetrachlorophenol (TeCP)	58-90-2	Sum of TeCP: 0.5 GOTS: 0.01 (Sum of TeCP)	F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	-			X		X	X	Chlorophenols	2,3,5,6-Tetrachlorophenol (TeCP)	935-95-5	Sum of TeCP: 0.5 GOTS: 0.01 (Sum of TeCP)	F&F Policy	0.5	ppm	
				X		X	X	Chlorophenols	2,3,4-Trichlorophenol (TriCP)	15950-66-0	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	2,3,5-Trichlorophenol (TriCP)	933-78-8	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	2,3,6-Trichlorophenol (TriCP)	933-75-5	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	2,4,5-Trichlorophenol (TriCP)	95-95-4	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	2,4,6-Trichlorophenol (TriCP)	88-06-2	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	3,4,5-Trichlorophenol (TriCP)	609-19-8	Sum TriCP: 0.2	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	Dichlorophenols (DCP)	Multiple	0.5	F&F Policy	0.05	ppm	
				X		X	X	Chlorophenols	Monochlorophenols (MCP)	Multiple	0.5	F&F Policy	0.05	ppm	
X	X							Dioxins and Furans - Group 1	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	Sum of Group 1 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	Banned - No intentional use
X	X							Dioxins and Furans - Group 1	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	Sum of Group 1 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 1	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	Sum of Group 1 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X							Dioxins and Furans - Group 1	2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	Sum of Group 1 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.17	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 2	1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X							Dioxins and Furans - Group 2	2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	Sum of Group 1 & 2 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 3	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	Sum of Group 1, 2 & 3 = 100	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 3	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	Sum of Group 1, 2 & 3 = 100	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 3	1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	Sum of Group 1, 2 & 3 = 100	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 3	1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	Sum of Group 1, 2 & 3 = 100	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 3	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	Sum of Group 1, 2 & 3 = 100	Germany ChemVerbotsV Regulation limit	0.11	µg/kg	
X	X							Dioxins and Furans - Group 4	2,3,7,8-Tetrabromodibenzo-p-dioxin	50585-41-6	Sum of Group 4 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 4	1,2,3,7,8-Pentabromodibenzo-p-dioxin	109333-34-8	Sum of Group 4 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X							Dioxins and Furans - Group 4	2,3,7,8-Tetrabromodibenzofuran	67733-57-7	Sum of Group 4 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 4	2,3,4,7,8-Pentabromodibenzofuran	13116-92-2	Sum of Group 4 = 1	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 5	1,2,3,4,7,8-Hexabromdibenzo-p-dioxin	110999-44-5	Sum of Group 4 & 5 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 5	1,2,3,7,8,9-Hexabromdibenzo-p-dioxin	110999-46-7	Sum of Group 4 & 5 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 5	1,2,3,6,7,8-Hexabromdibenzo-p-dioxin	110999-45-6	Sum of Group 4 & 5 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X							Dioxins and Furans - Group 5	1,2,3,7,8-Pentabromdibenzofuran	109333-34-8	Sum of Group 4 & 5 = 5	Germany ChemVerbotsV Regulation limit	0.095	µg/kg	
X	X			X		X		Carcinogenic Dyes	Acid Red 26	3761-53-3	ND	F&F Policy	15	ppm	Banned - No intentional use
X	X			X		X		Carcinogenic Dyes	Basic Red 9	569-61-9	Legal: 50 F&F: ND	EC 1907/2006 Annex XVII limit F&F Policy	15	ppm	
X	X	X		X		X		Carcinogenic Dyes	Basic Violet 3	548-62-9	Legal: 50 F&F: ND	EC 1907/2006 Annex XVII limit F&F Policy	15	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X		Carcinogenic Dyes	Basic Violet 14	632-99-5	ND	F&F Policy	15	ppm	
X	X	X		X		X		Carcinogenic Dyes	Direct Black 38	1937-37-7	F&F: ND	F&F Policy	15	ppm	
X	X			X		X		Carcinogenic Dyes	Direct Blue 6	2602-46-2	ND	F&F Policy	15	ppm	
X	X	X		X		X		Carcinogenic Dyes	Direct Red 28	573-58-0	ND	F&F Policy	15	ppm	
X	X			X		X		Carcinogenic Dyes	Disperse Orange 11	82-28-0	ND	F&F Policy	15	ppm	
X	X			X		X		Carcinogenic Dyes	Disperse Blue 1	2475-45-8	Legal: 50 F&F: ND	EC 1907/2006 Annex XVII limit F&F Policy	15	ppm	
				X		X		Carcinogenic Dyes	Disperse Yellow 3	2832-40-8	ND	F&F Policy	15	ppm	
X	X	X		X		X		Carcinogenic Dyes	Basic Blue 26 (with Michler's ketone >0.1%)	2580-56-5	ND	0.1% limit for SVHC's in articles F&F Policy	15	ppm	
				X		X		Carcinogenic Dyes	Basic Green 4 (malachite green chloride)	569-64-2	ND	F&F Policy	15	ppm	
				X		X		Carcinogenic Dyes	Basic Green 4 (malachite green oxalate)	2437-29-8, 18015-76-4	ND	F&F Policy	15	ppm	
				X		X		Carcinogenic Dyes	Basic Green 4 (malachite green)	10309-95-2	ND	F&F Policy	15	ppm	
						X		Carcinogenic Dyes	Direct Brown 95	16071-86-6	ND	F&F Policy	15	ppm	
						X		Carcinogenic Dyes	Solvent Yellow 2 (4- Dimethylaminoazobenzene)	60-11-7	ND	F&F Policy	15	ppm	
X	X	X				X		Carcinogenic Dyes	Solvent Blue 4	6786-83-0	Legal: 1000 F&F: 30	0.1% limit for SVHC's in articles F&F Policy	15	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X				X		Carcinogenic Dyes	4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol Solvent violet 8	561-41-1	Legal: 1000 F&F: 30	0.1% limit for SVHC's in articles F&F Policy	15	ppm	
X	X	X				X		Carcinogenic Dyes	Pigment Red 104	12656-85-8	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	15	ppm	
X	X	X				X		Carcinogenic Dyes	Pigment Yellow 34	1344-37-2	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	15	ppm	
				X				Carcinogenic Dyes	Acid Violet 49	1694-09-3	ND	ZDHC MRSL limit of Group B	250	ppm	
								Carcinogenic Dyes	C.I. Basic Green 4 leuco base	129-73-7	/	/	/	/	
								Carcinogenic Dyes	D&C Red No. 19	81-88-9	/	/	/	/	
								Carcinogenic Dyes	C.I. Solvent yellow 14	842-07-9	/	/	/	/	
						X		Carcinogenic Dyes	Acid Red 114	6459-94-5	ND	F&F Policy	15	ppm	
						X		Carcinogenic Dyes	C.I. Solvent Yellow 1	60-09-3	F&F Policy: ND	F&F Policy	15	ppm	
						X		Carcinogenic Dyes	C.I. Solvent Yellow 3	97-56-3	F&F Policy: ND	F&F Policy	15	ppm	
						X		Carcinogenic Dyes	Direct Blue 15	2429-74-5	F&F Policy: ND	F&F Policy	15	ppm	
								Carcinogenic Dyes	Solvent Red 80	6358-53-8	/	/	15	ppm	
X				X		X	X	Allergenous Disperse Dyes	Disperse Blue 1	2475-45-8	ND	F&F Policy	20	ppm	Banned - No intentional use
X				X		X	X	Allergenous Disperse Dyes	Disperse Blue 3	2475-46-9	ND	F&F Policy	20	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 7	3179-90-6	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 26	3860-63-7	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 35	12222-75-2 56524-77-7 56524-76-6	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 102	12222-97-8	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 106	12223-01-7	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Blue 124	61951-51-7	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Brown 1	23355-64-8	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Orange 1	2581-69-3	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Orange 3	730-40-5	ND	F&F Policy	20	ppm	
X						X	X	Allergenic Disperse Dyes	Disperse Orange 37/59/76	13301-61-6, 51811-42-8, 12223-33-5	ND	F&F Policy	20	ppm	
X						X	X	Allergenic Disperse Dyes	Disperse Orange 149	85136-74-9	ND	F&F Policy	20	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X				X		X	X	Allergenic Disperse Dyes	Disperse Red 1	2872-52-8	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Red 11	2872-48-2	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Red 17	3179-89-3	ND	F&F Policy	20	ppm	
						X		Allergenic Disperse Dyes	Disperse Red 151	61968-47-6	ND	F&F Policy	20	ppm	
				X		X	X	Allergenic Disperse Dyes	Disperse Yellow 1	119-15-3	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Yellow 3	2832-40-8	ND	F&F Policy	20	ppm	
						X		Allergenic Disperse Dyes	Disperse Yellow 7	6300-37-4	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Yellow 9	6373-73-5	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Yellow 39	12236-29-2	ND	F&F Policy	20	ppm	
X				X		X	X	Allergenic Disperse Dyes	Disperse Yellow 49	54824-37-2	ND	F&F Policy	20	ppm	
X						X	X	Allergenic Disperse Dyes	Disperse Yellow 23	6250-23-3	ND	F&F Policy	20	ppm	
						X		Allergenic Disperse Dyes	Disperse Yellow 56	54077-16-6	ND	F&F Policy	20	ppm	
				X		X		Navy Blue	Navy Blue	118685-33-9	ND	F&F Policy	15	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MCMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X		X		Navy Blue	Navy Blue	NA	ND	F&F Policy	15	ppm	
						X	X	Dye Intermediate	Aniline	62-53-3	ND	F&F Policy	5	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements.
X	X	X		X		X	X	Flame Retardants	Short Chain Chloroparaffins (SCCP) (C10 - C13)	85535-84-8	Legal: 1000 F&F Policy: 500 GOTS: 50 with MCCP	0.1% limit for SVHC's in articles F&F Policy	50	ppm	Banned - No intentional use
X	X	X		X		X	X	Flame Retardants	Medium Chain Chloroparaffins (MCCP) (C14 - C17)	85535-85-9	F&F Policy: 50 GOTS: 50 with SCCP Legal: 1000	0.1% limit for SVHC's in articles F&F Policy	50	ppm	Banned - No intentional use
X	X			X				Flame Retardants	Polybromobiphenyls (PBB)	Multiple	ND	EC 1907/2006 Annex XVII limit (some individual PBBs are listed in ZDHC MRSL 2.0)	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MCMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X				Flame Retardants	Monobromobiphenyls (MonoBB)	Multiple	ZDHC MRSL Group B: 250 Legal: ND	EC 1907/2006 Annex XVII limit: ND ZDHC MRSL Group B (pls also refer PBB criteria)	5	ppm	
				X				Flame Retardants	Dibromobiphenyls (DiBB)	Multiple	ZDHC MRSL Group B: 250 Legal: ND	EC 1907/2006 Annex XVII limit: ND ZDHC MRSL Group B (pls also refer PBB criteria)	5	ppm	
X	X					X		Flame Retardants	Tribromodiphenyls (TriBB)	Multiple	Legal: ND	EC 1907/2006 Annex XVII limit: ND	5	ppm	
X	X					X		Flame Retardants	Tetrabromodiphenyls (TetraBB)	Multiple	Legal: ND	EC 1907/2006 Annex XVII limit: ND	5	ppm	
X	X					X		Flame Retardants	Pentabromodiphenyls (PentaBB)	Multiple	Legal: ND	EC 1907/2006 Annex XVII limit: ND	5	ppm	
X	X					X		Flame Retardants	Hexabromobiphenyls (HexaBB)	Multiple 36355-01-8	ND	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X					X		Flame Retardants	Heptabromodiphenyls (HeptaBB)	Multiple	Legal: ND	EC 1907/2006 Annex XVII limit: ND	5	ppm	
				X				Flame Retardants	Octabromobiphenyls (OctaBB)	Multiple	ZDHC MRSL Group B: 250 Legal: ND	EC 1907/2006 Annex XVII limit: ND ZDHC MRSL Group B (pls also refer PBB criteria)	5	ppm	
				X				Flame Retardants	Nonabromobiphenyls (NonaBB)	Multiple	ZDHC MRSL Group B: 250 Legal: ND	EC 1907/2006 Annex XVII limit: ND ZDHC MRSL Group B (pls also refer PBB criteria)	5	ppm	
X	X			X		X		Flame Retardants	Decabromobiphenyl (DecaBB)	13654-09-6	ZDHC MRSL Group B: 250 Legal: ND	EC 1907/2006 Annex XVII limit: ND ZDHC MRSL Group B (pls also refer PBB criteria)	5	ppm	
				X				Flame Retardants	Monobromodiphenyl ethers (MonoBDEs)	Multiple	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	250	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Flame retardants	Dibromodiphenylethers (DiBDEs)	Multiple	ND	F&F Policy	5	ppm	
				X				Flame Retardants	Tribromodiphenylethers (TriBDEs)	Multiple	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	250	ppm	
X	X			X				Flame Retardants	Tetrabromodiphenyl ether (TetraBDE)	Multiple	ND	EU POP Regulation	5	ppm	
X	X			X		X		Flame Retardants	Pentabromodiphenyl ether (PentaBDE)	Multiple	ND	EU POP Regulation	5	ppm	
X	X			X				Flame Retardants	Hexabromodiphenyl ether (HexaBDE)	Multiple	ND	EU POP Regulation	5	ppm	
X	X			X				Flame Retardants	Heptabromodiphenyl ether (HeptaBDE)	Multiple	ND	EU POP Regulation	5	ppm	
X	X			X		X		Flame Retardants	Octabromodiphenyl ether (OctaBDE)	Multiple	Legal: 1000 F&F Policy: ND	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	
				X				Flame Retardants	Nonabromodiphenylether (NonaBDE)	63936-56-1	ND	F&F Policy	5	ppm	
X	X	X		X		X		Flame Retardants	Decabromodiphenyl ether (DecaBDE)	1163-19-5	Legal: Sum of Tetra-, Penta-, Hexa-, Hepta- & DecaBDE: 500 mg/kg F&F Policy: ND	EU POP Regulation F&F Policy	5	ppm	
X	X	X		X		X		Flame Retardants	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X		Flame Retardants	Hexabromocyclododecane (HBCDD)	3194-55-6 134237-50-6 134237-51-7 134237-52-8	ND	F&F Policy	5	ppm	
X	X			X				Flame Retardants	Tris(1,3-dichloro-isopropyl) phosphate (TDCPP)	13674-87-8	ND	F&F Policy	5	ppm	
X	X			X				Flame Retardants	Tris(1-aziridinyl)phosphine oxide) (TEPA)	545-55-1	ND	EC 1907/2006 Annex XVII limit	5	ppm	
X	X			X				Flame Retardants	Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9	ND	F&F Policy	5	ppm	
X	X			X				Flame Retardants	Tris(2,3,-dibromopropyl)phosphate (TRIS)	126-72-7	ND	EC 1907/2006 Annex XVII limit	5	ppm	
X		X				X		Flame Retardants	Trixylyl phosphate (TXP)	25155-23-1	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	5	ppm	
				X		X		Flame Retardants	Tetrabromobisphenol A (TBBPA)	79-94-7	ND	F&F Policy	5	ppm	
				X		X		Flame Retardants	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	ND	F&F Policy	5	ppm	
				X		X		Flame Retardants	Tris(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	ND	F&F Policy	5	ppm	
						X		Flame Retardants	Decabromodiphenyl ethane (DBDPE)	84852-53-9	10	F&F Policy	10	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X				Flame Retardants	Tetrabromobisphenol A bis(2,3-dibromopropylether)	21850-44-2	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	5	ppm	
								Flame Retardants	Tri-o-cresyl phosphate	78-30-8	/	/	/	/	
								Flame Retardants	Trimethyl phosphate	512-56-1	/	/	/	/	
X	X	X		X		X		Flame Retardants	Boric acid	10043-35-3 11113-50-1	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	100	ppm	
X	X	X		X		X		Flame Retardants	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	100	ppm	
X	X	X		X		X		Flame Retardants	Tetraboron disodium heptaoxide, hydrate	12267-73-1	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	100	ppm	
X	X	X		X		X		Flame Retardants	Diboron trioxide	1303-86-2	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	100	ppm	
X	X	X		X		X		Flame Retardants	Disodium octaborate	12008-41-2	Legal: 1000 F&F Policy: ND	0.1% limit for SVHC's in articles F&F Policy	10	ppm	
X				X		X		Flame Retardants	Borate, zinc salt	12767-90-7 1332-07-6	F&F Policy: ND	F&F Policy	50	ppm	
X	X							Fluorinated Greenhouse Gases	Fluorinated Greenhouse Gases (F-GHG)	Multiple	ND	Greenhouse gases regulatory limit	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X			X	Glycols	Bis(2-methoxyethyl) ether	111-96-6	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	Banned - No intentional use
X	X	X		X			X	Glycols	2-Ethoxyethanol	110-80-5	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	
X	X	X		X			X	Glycols	2-Ethoxyethyl acetate	111-15-9	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	
X	X	X		X			X	Glycols	Ethylene glycol dimethyl ether	110-71-4	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	
X	X	X		X			X	Glycols	2-Methoxyethanol	109-86-4	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	
X	X	X		X			X	Glycols	Triethylene glycol dimethyl ether	112-49-2	1000 GOTS: 20	0.1% limit for SVHC's in articles	5	ppm	
				X			X	Glycols	2-Methoxyethylacetate	110-49-6	ZDHC MRSL Group B: 50 GOTS: 20	ZDHC MRSL limit of Group B	5	ppm	
				X			X	Glycols	2-Methoxypropylacetate	70657-70-4	ZDHC MRSL Group B: 50 GOTS: 20	ZDHC MRSL limit of Group B	5	ppm	
						X		Glycols	Ethylene glycol	107-21-1	ND	F&F Policy	5	ppm	Banned - No intentional use unless there is no feasible alternatives technically available and in products
X			X					Heavy Metal	Aluminium (Soluble)	7429-90-5	70000	Toy Directive Regulatory Limit (Cat. III)	50	ppm	

RSiT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
															must meet all voluntary requirements
						X	X	Heavy Metal	Antimony (Extractable)	7440-36-0	F & F Policy: 30 GOTS: 0.2 (GOTS Good), 30 (polyester fibres)	F&F Policy	10	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X			X					Heavy Metal	Antimony (Soluble)	7440-36-0	560	Toy Directive Regulatory Limit (Cat. III)	10	ppm	
				X				Heavy Metal	Antimony (Total)	7440-36-0	ZDHC MRSL Group B: Dye 50/ Pigment 250	ZDHC MRSL limit of Group B	50	ppm	
X	X					X	X	Heavy Metal	Arsenic (Extractable)	7440-38-2	Legal: 1 F&F Policy: 0.2	EC 1907/2006 Annex XVII limit F&F Policy	0.2	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products
X			X					Heavy Metal	Arsenic (Soluble)	7440-38-2	47	Toy Directive Regulatory Limit (Cat. III)	10	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
															must meet all voluntary requirements
	-			X		X		Heavy Metal	Arsenic (Total)	7440-38-2	100	F&F Policy	20	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X	X					X	X	Heavy Metal	Lead (Extractable)	7439-92-1	Legal: 1 F&F Policy: 0.2	EC 1907/2006 Annex XVII limit F&F Policy	0.2	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X			X					Heavy Metal	Lead (Soluble)	7439-92-1	23	Toy Directive Regulatory Limit (Cat. III)	10	ppm	
X	X	X		X			X	Heavy Metal	Lead (Total)	7439-92-1	Legal: 500 F&F Policy: 50	EC 1907/2006 Annex XVII limit F&F Policy	10	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X	X					X	X	Heavy Metal	Cadmium (Extractable)	7440-43-9	Legal: 1 F&F Policy: 0.1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Heavy Metal	Cadmium (Soluble)	7440-43-9	17	Toy Directive Regulatory Limit (Cat. III)	5	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X	X	X		X		X	X	Heavy Metal	Cadmium (Total)	7440-43-9	Legal: 1000 (coating); 100 (others) F&F Policy: 40	EC 1907/2006 Annex XVII limit F&F Policy	10	ppm	
						X	X	Heavy Metal	Chromium (Extractable)	7440-47-3	Baby / Non-leather: 1 Leather (except baby): 200	F&F Policy	1	ppm	
-	-					X		Heavy Metal	Chromium (Soluble)	7440-47-3	60	F&F Policy	5	ppm	
X			X					Heavy Metal	Chromium (III) (Soluble)	N/A	460	Toy Directive Regulatory Limit (Cat. III)	5	ppm	
X	X					X	X	Heavy Metal	Chromium (VI) (Extractable) (Non Leather)	18540-29-9	Legal: 1 F&F: 0.5	EC 1907/2006 Annex XVII limit F&F Policy	0.5	ppm	
X	X							Heavy Metal	Chromium (VI) (Extractable) (Leather)	18540-29-9	3	EC 1907/2006 Annex XVII limit	3	ppm	
X			X					Heavy Metal	Chromium (VI) (Soluble)	18540-29-9	0.053	Toy Directive Regulatory Limit (Cat. III)	0.053	ppm	
				X				Heavy Metal	Chromium (Total)	7440-47-3	ZDHC MRSL Group B: 100	ZDHC MRSL limit of Group B	100	ppm	

RSiT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MCMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X				Heavy Metal	Chromium (VI) (Total)	18540-29-9	ZDHC MRSL Group B: 10	ZDHC MRSL limit of Group B	10	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
						X	X	Heavy Metal	Cobalt (Extractable)	7440-48-4	1	F&F Policy	1	ppm	
X			X					Heavy Metal	Cobalt (Soluble)	7440-48-4	130	Toy Directive Regulatory Limit (Cat. III)	10	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
				X				Heavy Metal	Cobalt (Total)	7440-48-4	ZDHC MRSL Group B: 500	ZDHC MRSL limit of Group B	500	ppm	
X						X	X	Heavy Metal	Copper (Extractable)	7440-50-8	25	F&F Policy	5	ppm	
X			X					Heavy Metal	Copper (Soluble)	7440-50-8	7700	Toy Directive Regulatory Limit (Cat. III)	50	ppm	
				X				Heavy Metal	Copper (Total)	7440-50-8	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	250	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MCMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X	X	Heavy Metal	Mercury (Extractable)	7439-97-6	0.02	F&F Policy	0.02	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
-	-					X		Heavy Metal	Mercury (Soluble)	7439-97-6	60	F&F Policy	10	ppm	
X			X					Heavy Metal	Mercury (Soluble)	7439-97-6	94	Toy Directive Regulatory Limit (Cat. III)	10	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
X	-			X		X		Heavy Metal	Mercury (Total)	7439-97-6	0.5	F&F Policy	0.5	ppm	
X						X	X	Heavy Metal	Nickel (Extractable)	7440-02-0	Metal: 0.5 Non-metal: 1	F&F Policy	0.5	ppm	
X			X					Heavy Metal	Nickel (Soluble)	7440-02-0	930	Toy Directive Regulatory Limit (Cat. III)	10	ppm	
				X				Heavy Metal	Nickel (Total)	7440-02-0	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	250	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X							Heavy Metal	Nickel Release	7440-02-0	Skin contact = 0.5 piercing = 0.2	EC 1907/2006 Annex XVII limit	0.1	µg/cm ² /week	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
						X	X	Heavy Metal	Barium (Extractable)	7440-39-3	1000	F&F Policy	50	ppm	
X			X					Heavy Metal	Barium (Soluble)	7440-39-3	18750	Toy Directive Regulatory Limit (Cat. III)	50	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all voluntary requirements
				X				Heavy Metal	Barium (Total)	7440-39-3	ZDHC MRSL Group B: 100	ZDHC MRSL limit of Group B	100	ppm	
X			X					Heavy Metal	Boron (Soluble)	7440-42-8	15000	Toy Directive Regulatory Limit (Cat. III)	50	ppm	
							X	Heavy Metal	Manganese (Extractable)	7439-96-5	90	GOTS	90	ppm	
X			X					Heavy Metal	Manganese (Soluble)	7439-96-5	15000	Toy Directive Regulatory Limit (Cat. III)	50	ppm	
						X	X	Heavy Metal	Selenium (Extractable)	7782-49-2	F&F Policy: 100 GOTS: 0.2	F&F Policy	10	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Heavy Metal	Selenium (Soluble)	7782-49-2	460	Toy Directive Regulatory Limit (Cat. III)	10	ppm	
				X				Heavy Metal	Selenium (Total)	7782-49-2	ZDHC MRSL Group B: Dyes 20/ pigments 100	ZDHC MRSL limit of Group B	20	ppm	
X			X					Heavy Metal	Strontium (Soluble)	7440-24-6	56000	Toy Directive Regulatory Limit (Cat. III)	50	ppm	
							X	Heavy Metal	Tin (Extractable)	7440-31-5	2	GOTS	2	ppm	
X			X					Heavy Metal	Tin (Soluble)	7440-31-5	180000	Toy Directive Regulatory Limit (Cat. III)	5	ppm	
				X				Heavy Metal	Tin (Total)	7440-31-5	ZDHC MRSL Group B: 250	ZDHC MRSL limit of Group B	250	ppm	
X			X					Heavy Metal	Organic Tin (Soluble)	various	12	Toy Directive Regulatory Limit (Cat. III)	2	ppm	
							X	Heavy Metal	Zinc (Extractable)	7440-66-6	750	GOTS	750	ppm	
X			X					Heavy Metal	Zinc (Soluble)	7440-66-6	46000	Toy Directive Regulatory Limit (Cat. III)	50	ppm	
				X				Heavy Metal	Silver (Total)	7440-22-4	ZDHC MRSL Group B: 100	ZDHC MRSL limit of Group B	100	ppm	
								Heavy Metal	Metals (Non -dye/pigment)	Multiple	/	/	/	/	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						Monomer	Acrylamide	79-06-1	1000	0.1% limit for SVHC's in articles	500	ppm	Banned- No intentional use
X	X	X		X		X		Monomer	Bisphenol A (BPA)	80-05-7	Legal: 1000 F&F: 1	0.1% limit for SVHC's in articles F&F Policy	Legal: 1 F&F: 0.1 (individual)	ppm	
X						X		Monomer	Styrene	100-42-5	500	F&F Policy	50	ppm	
						X		Monomer	Vinyl chloride	75-01-4	ND	F&F Policy	5	ppm	
						X		Nitrosamines	N-Nitrosodimethylamine (NDMA)	62-75-9	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodiethylamine (NDEA)	55-18-5	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodipropylamine (NDPA)	621-64-7	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodibutylamine (NDBA)	924-16-3	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosopiperidine (NPIP)	100-75-4	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine),	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
													5 (Nitrosatable, Sum)		
						X		Nitrosamines	N-Nitrosopyrrolidine (NPYR)	930-55-2	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosomorpholine (NMOR)	59-89-2	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitroso N-methyl N-phenylamine (NMPHA)	614-00-6	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitroso N-ethyl N-phenylamine (NEPHA)	612-64-6	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodibenzylamine (NDBzA)	5336-53-8	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Nitrosamines	N-Nitrosodiethanolamine (NDELA)	1116-54-7	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodiisobutylamine (NDiBA)	997-95-5	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodiisononylamine (NDiNA)	1207995-62-7	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosodiisopropylamine (NDiPA)	601-77-4	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
						X		Nitrosamines	N-Nitrosomethylethylamine (NMEA)	10595-95-6	0.5 5 (Nitrosatable, Sum)	F&F Policy	0.5 (Nitrosamine), 5 (Nitrosatable, Sum)	ppm	
				X		X	X	Organotin Compounds	Monobutyltin (MBT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	Banned - No intentional use
X	X			X			X	Organotin Compounds	Dibutyltin (DBT)	Multiple	Legal: 1000 F&F Policy: Baby 1; Others	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MCMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
											2 GOTS: 0.05				
X	X			X		X	X	Organotin Compounds	Tributyltin (TBT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 0.5; Others: 1 GOTS: 0.05	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
				X		X		Organotin Compounds	Tetrabutyltin (TeBT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	
X	X			X		X	X	Organotin Compounds	Tricyclohexyltin (TCyHT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 1; Others: 2 GOTS: 0.1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
				X		X	X	Organotin Compounds	Monomethyltin (MMT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	
				X		X	X	Organotin Compounds	Dimethyltin (DMT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X	X	Organotin Compounds	Trimethyltin (TMT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 1: Others: 2 GOTS:0.1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
				X		X		Organotin Compounds	Monooctyltin (MOT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS:0.1	F&F Policy	0.1	ppm	
X	X			X		X	X	Organotin Compounds	Dioctyltin (DOT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 1; Others: 2 GOTS: 0.05	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
X	X			X		X		Organotin Compounds	Trioctyltin (TOT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 1; Others: 2 GOTS: 0.1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
				X		X		Organotin Compounds	Monophenyltin (MPHT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	

RSIT	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
			X		X		Organotin Compounds	Diphenyltin (DPhT)	Multiple	F&F Policy: Baby 1; others: 2 ZDHC MRSL Group B: 5 GOTS:0.1	F&F Policy ZDHC MRSL limit of Group B	0.1	ppm	
X	X		X		X		Organotin Compounds	Triphenyltin (TPhT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby: 1; Others: 2 GOTS: 0.05	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
			X		X		Organotin Compounds	Dipropyltin (DPT)	Multiple	F&F Policy: Baby: 1; Others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	
X	X		X		X		Organotin Compounds	Tripropyltin (TPT)	Multiple	Legal: Sum of trisubstituted organotins: 1000 F&F Policy: Baby 1; Others: 2 GOTS: 0.1	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	
					X		Organotin Compounds	DBB (Dibutyltin hydrogen borate)	75113-37-0	ND	F&F Policy	1	ppm	
X	X	X					Organotin Compounds	Dibutyltin dichloride (DBTC)	683-18-1	1000	0.1% limit for SVHC's in articles	100	ppm	
X	X	X					Organotin Compounds	Bis(tributyltin) oxide (TBTO)	56-35-9	1000	0.1% limit for SVHC's in articles	100	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						Organotin Compounds	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	1000	0.1% limit for SVHC's in articles	100	ppm	
X	X	X						Organotin Compounds	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	N/A	1000	0.1% limit for SVHC's in articles	100	ppm	
				X		X	X	Organotin Compounds	Tetraethyltin, TeET	597-64-8	F&F Policy: Baby 1; others: 2 GOTS: 0.1	F&F Policy	0.1	ppm	
				X		X		Organotin Compounds	Tetraoctyltin (TeOT)	Multiple	F&F Policy: Baby 1; others: 2	F&F Policy	0.1	ppm	
X	X			X		X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorooctane sulfonates (PFOS)	1763-23-1	1 (Sum of PFOS and its salts)	EU POPs Regulation limit	1	µg/m ²	Banned - No intentional use

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorooctanoic acid (PFOA) and salts	335-67-1	Legal: 25 ppb (0.025 ppm) F&F Policy: 1 µg/m ²	EU POP Regulation F&F Policy	25 1	ppb µg/m ²	by SS18 production
X	X	X				X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	Legal: 1000 F&F Policy: 1	0.1% limit for SVHC's in articles	10 1	ppm µg/m ²	
X	X	X				X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Heptacosafuorotetradecanoic acid (PFTeDA, C14-PFCA)	376-06-7	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	
X	X	X				X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Henicosafuoroundecanoic acid (PFUdA, C11-PFCA)	2058-94-8	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	
X	X	X				X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Pentacosafuorotridecanoic acid (PFTrDA, C13-PFCA)	72629-94-8	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	
X	X	X				X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Tricosafuorododecanoic acid (PFDoA, C12-PFCA)	307-55-1	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	

RSIT	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X				X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorononane Acid (PFNA, C9-PFCA)	375-95-1	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	
X	X	X				X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluoroheptane Acid (PFHpA)	375-85-9	Legal: 1000 F&F Policy: 0.05	0.1% limit for SVHC's in articles F&F Policy	0.05	ppm	
X	X	X				X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorodecane Acid (PFDA, C10-PFCA)	335-76-2	Legal: 0.025 (sum of C9-C14 PFCA) F&F Policy: 0.05	EC 1907/2006 Annex XVII Limit (Effective after 25 Feb 2023) F&F Policy	0.025	ppm	
X	X	X				X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorobutane Sulfonate (PFBS)	375-73-5	Legal: 1000 F&F Policy 0.05	0.1% limit for SVHC's in articles F&F Policy	0.05	ppm	
X	X	X				X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorohexane Sulfonate (PFHxS)	355-46-4	Legal: 1000 F&F Policy 0.05	0.1% limit for SVHC's in articles F&F Policy	0.05	ppm	
						X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluoroheptane Sulfonate (PFHpS)	375-92-8	0.05	F&F Policy	0.05	ppm	
						X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorodecane Sulfonate (PFDS)	126105-34-8	0.05	F&F Policy	0.05	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorooctane Sulfonamide (PFOSA)	754-91-6	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorobutane Acid (PFBA)	375-22-4	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluoropentane Acid (PFPA)	2706-90-3	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorohexane Acid (PFHxA)	307-24-4	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	2H,2H-Perfluorodecane Acid (H2PFDA)	882489-14-7	1	F&F Policy	1	µg/m ²	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	34598-33-9	0.05	F&F Policy	0.05	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	2-(N-methylperfluoro-1-octanesulfonamido) - ethanol (MeFOSE)	24448-09-7	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Perfluorooctane sulfonfluoride (PFOSF)	307-35-7	1 (Sum of PFOS and its salts)	F&F Policy	1	µg/m ²	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	0.5	F&F Policy	0.5	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	0.5	EU POP F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	0.5	F&F Policy	0.5	ppm	
						X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	F&F Policy: 0.5 GOTS: 0.01	F&F Policy	0.5	ppm	
						X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	F&F Policy: 0.5 GOTS: 0.01	F&F Policy	0.5	ppm	
						X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	F&F Policy: 0.5 GOTS: 0.01	EU POP F&F Policy	0.5	ppm	
						X	X	Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2 FTOH)	865-86-1	F&F Policy: 0.5 GOTS: 0.01	F&F Policy	0.5	ppm	
						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS) and its salts	39108-34-4 27619-96-1	1	F&F Policy	1	ppm	
X						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	1	EU POP F&F Policy	1	ppm	
X						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	1	EU POP F&F Policy	1	ppm	

RSIT	SSL	SVHC	TS	ZDHC	ZDHC	F&F	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X						X		Perfluorocarbon / Polyfluorinated Compounds (PFCs)	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	1	EU POP F&F Policy	1	ppm	
								Perfluorocarbon / Polyfluorinated Compounds (PFCs)	PFCs (excluding current restrictions)	Multiple	/	/	/	/	
						X		Pesticides	2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	93-76-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	2-(2,4,5-trichlorophenoxy) propanoic acid, its salts and compounds (2,4,5-TP ChemRRV)	93-72-1	ND	F&F Policy	0.5	ppm	
						X		Pesticides	2,4,-D	94-75-7	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Aldrin	309-00-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Azinophosmethyl	86-50-0	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Azinophosethyl	2642-71-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Bromophos-ethyl	4824-78-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Captafol	2425-06-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Carbaryl	63-25-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Chlorobenzilate	510-15-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Chlordane	57-74-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Chlordimeform	6164-98-3	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Chlorfenvinphos	470-90-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Chlorthalonil	1897-45-6	ND	F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Pesticides	Coumaphos	56-72-4	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Cyfluthrin	68359-37-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Cyhalothrin	91465-08-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Cypermethrin	52315-07-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	S,S,S-Tributyl phosphorotrithioate (Tribufos/DEF)	78-48-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Deltamethrin	52918-63-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	4,4'-Dichlorodiphenyl dichloroethane; Mitotane (DDD)	53-19-0, 72-54-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	2,4'-Dichlorodiphenyl dichloroethylene; 4,4'-Dichlorodiphenyl dichloroethylene (DDE)	3424-82-6, 72-55-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	2,4'-Dichlorodiphenyl trichloroethane/4,4'-Dichlorodiphenyl trichloroethane (DDT)	50-29-3, 789-02-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Diazinon	333-41-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Dichlofluanide	1085-98-9	ND	F&F Policy	0.5	ppm	
						X		Pesticides	Dichloroprop	120-36-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Dicofol	115-32-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Dicrotophos	141-66-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
	-					X		Pesticides	Dieldrin	60-57-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Dimethoate	60-51-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-	X				X		Pesticides	Dinoseb and its salts	88-85-7	Legal: 1000 Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Endosulfan	115-29-7	ND	F&F Policy	0.5	ppm	
	-					X		Pesticides	Endosulfan I (alpha)	959-98-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Endosulfan II (beta)	33213-65-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Endrin	72-20-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Esfenvalerate	66230-04-4	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Ethylendibromid	106-93-4	ND	F&F Policy	0.5	ppm	
						X		Pesticides	Ethylparathion (Parathion)	56-38-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Fenvalerate	51630-58-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
-	-					X		Pesticides	Halogenated naphthalenes, including polychlorinated naphthalenes (PCNs)	Multiple	ND	F&F Policy	1	ppm	
X	-					X		Pesticides	Heptachlor	76-44-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Heptachloroepoxide	1024-57-3, 28044-83-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	a-Hexachlorocyclohexane with and without Lindane	319-84-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	b-Hexachlorocyclohexane with and without Lindane	319-85-7	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	g-Hexachlorocyclohexane with and without Lindane	319-86-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	-					X		Pesticides	Hexachlorobenzene	118-74-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Isodrine	465-73-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Kelevane	4234-79-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Kepone	143-50-0	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Lindane	58-89-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Malathion	121-75-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	4-Chloro-2-methylphenoxyacetic acid (MCPA)	94-74-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	4-(4-Chloro-2-methylphenoxy)butyric acid (MCPB)	94-81-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Mecoprop	93-65-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Methamidophos	10265-92-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Methoxychlor	72-43-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Mirex	2385-85-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Monocrotophos	6923-22-4	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Methylparathion	298-00-0	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Phosdrin/Mevinphos	7786-34-7	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X	-					X		Pesticides	Perthane	72-56-0	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Pentachloroanisole	1825-21-4	ND	F&F Policy	0.5	ppm	
						X		Pesticides	Propetamphos	31218-83-4	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Profenophos	41198-08-7	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Quinalphos	13593-03-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	

RSIT	SSL	SVHC	TS	ZDHC	ZDHC	F&F	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
	-					X		Pesticides	Quintozene	82-68-8	ND	F&F Policy	0.5	ppm	
	-					X		Pesticides	Strobane	8001-50-1	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Telodrine	297-78-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
	-					X		Pesticides	Toxaphene	8001-35-2	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Tolylfluanide	731-27-1	ND	F&F Policy	0.5	ppm	
						X		Pesticides	Trifluraline	1582-09-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Acetamiprid	135410-20-7 160430-64-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Aldicarb	116-06-3	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Clothianidin	210880-92-5	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Dinotefuran	165252-70-0	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Imidacloprid	105827-78-9 138261-41-3	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Nitenpyram	150824-47-8, 120738-89-8	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Thiacloprid	111988-49-9	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Thiamethoxam	153719-23-4	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
						X		Pesticides	Phosphamidone	13171-21-6	Sum of Pesticides: 0.5	F&F Policy	0.5	ppm	
X						X		Pesticides	Glyphosate and salts	1071-83-6; 38641-94-0; 70901-12-1; 40465-66-5	5 (Other Cotton) 0.5 (Organic Cotton, Baby) 1 (Organic Cotton, Other)	F&F Policy	5 (Other Cotton) 0.5 (Organic Cotton, Baby) 1 (Organic Cotton, Other)	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						x		Pesticides	DTTB (4, 6-Dichloro-7 (2,4,5-trichlorophenoxy) -2-Trifluoro methyl benz imidazole)	63405-99-2	ND	F&F Policy	0.5	ppm	
X	X	X		X		X	X	Phthalates	Benzyl butyl phthalate (BBP)	85-68-7	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	Banned - No intentional use
X	X	X		X		X	X	Phthalates	Dibutyl phthalate (DBP)	84-74-2	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Phthalates	Diisobutyl phthalate (DIBP)	84-69-5	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	Di-n-hexyl phthalate (DnHP)	84-75-3	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X		X		X		Phthalates	Di-iso-pentyl phthalate (DIPP)	605-50-5	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalate: 500	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Phthalates	Di-n-pentyl phthalate (DnPP)	131-18-0	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X				X		Phthalates	n-Pentyl-isopentyl phthalate (nPIPP)	776297-69-9	Legal: 1000 F&F Policy: Sum of Phthalate:500	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP)	84777-06-0	Legal: 1000 F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Legal: 1000 (each or in combination of 9 + 3 phthalates) F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Phthalates	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Legal: 1000 F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DHP)	68515-50-4	Legal: 1000 F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X			X		X	X	Phthalates	Diisodecyl phthalate (DIDP)	26761-40-0 / 68515-49-1	Legal: Sum of DIDP, DINP & DNOP: 1000 F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X			X		X	X	Phthalates	Diisononyl phthalate (DINP)	28553-12-0 / 68515-48-0	Legal: Sum of DIDP, DINP & DNOP: 1000 F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X	X	Phthalates	Di-n-octyl phthalate (DNOP)	117-84-0	Legal: Sum of DIDP, DINP & DNOP: 1000 F&F Policy: Sum of Phthalates: 500 GOTS: Sum of GOTS phthalates 100	EC 1907/2006 Annex XVII limit F&F Policy	50	ppm	
X	X	X				X		Phthalates	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with \geq 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	Legal: 1000 F&F Policy: Sum of Phthalate: 500	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X	X		X		X	X	Phthalates	Di-cyclohexyl phthalate (DCHP)	84-61-7	Legal: 1000 F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	
X	X	X				X	X	Phthalates	Di-iso-hexylphthalate (DIHxP)	71850-09-4	Legal: 1000 F&F Policy: Sum of Phthalate: 500 GOTS: Sum of GOTS phthalates 100	0.1% limit for SVHC's in articles F&F Policy	50	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X		X	X	Phthalates	Diethyl phthalate (DEP)	84-66-2	F&F Policy: Sum of Phthalates:500 GOTS: Sum of GOTS phthalates 100	F&F Policy	50	ppm	
				X		X	X	Phthalates	Di-isooctyl phthalate (DIOP)	27554-26-3	F&F Policy: Sum of Phthalates:500 GOTS: Sum of GOTS phthalates 100	F&F Policy	50	ppm	
				X		X	X	Phthalates	Di-n-propyl phthalate (DPRP)	131-16-8	F&F Policy: Sum of Phthalates:500 GOTS: Sum of GOTS phthalates 100	F&F Policy	50	ppm	
				X		X	X	Phthalates	Dinonyl phthalate (DNP)	84-76-4	F&F Policy: Sum of Phthalates:500 GOTS: Sum of GOTS phthalates 100	F&F Policy	50	ppm	
						X		Phthalates	Dimethylphthalate	131-11-3	F&F Policy: Sum of phthalates: 500	F&F Policy	50	ppm	
				X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Naphthalene (NAP)	91-20-3	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	Banned - No intentional use
				X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthylene (ANY)	208-96-8	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	

RSiT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene (ANA)	83-32-9	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
				X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Fluorene (FLU)	86-73-7	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Phenanthrene (PHE)	85-01-8	Legal: 1000 F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Anthracene (ANT)	120-12-7	Legal: 1000 F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Fluoranthene (FLT)	206-44-0	Legal: 1000 F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Pyrene (PYR)	129-00-0	Legal: 1000 F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]anthracene (BaA)	56-55-3, 1718-53-2	Legal: 0.5 SVHC: 1000 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit 0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]anthracene (BaA)	56-55-3	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Chrysene (CHR)	218-01-9, 1719-03-5	Legal: 0.5 SVHC: 1000 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit 0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Chrysene (CHR)	218-01-9	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X			X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[b]fluoranthene (BbF)	205-99-2	Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[b]fluoranthene (BbF)	205-99-2	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X			X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[j]fluoranthene (BjF)	205-82-3	Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[j]fluoranthene (BjF)	205-82-3	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[k]fluoranthene (BkF)	207-08-9	SVHC: 1000 Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[k]fluoranthene (BkF)	207-08-9	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]pyrene (BaP)	50-32-8	Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]pyrene (BaP)	50-32-8	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X			X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[e]pyrene (BeP)	192-97-2	Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[e]pyrene (BeP)	192-97-2	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
X	X			X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,h]anthracene (DBA)	53-70-3	Legal: 0.5 F&F Policy: 0.5; Sum of all PAH: 5	EC 1907/2006 Annex XVII limit F&F Policy	0.1	ppm	Banned - No intentional use

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,h]anthracene (DBA)	53-70-3	0.2 (for Toys)	EC 1907/2006 Annex XVII limit	0.1	ppm	
				X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Indeno[1,2,3-cd]pyrene (IPY)	193-39-5	0.5; Sum of all PAH: 5	F&F Policy	0.1	ppm	Banned - No intentional use
X	X	X		X		X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[g,h,i]perylene (BPE)	191-24-2	SVHC: 1000 0.5; Sum of all PAH: 5	0.1% limit for SVHC's in articles F&F Policy	0.1	ppm	Banned - No intentional use
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Cyclopenta[c,d]pyrene	27208-37-3	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,e]pyrene	192-65-4	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,h]pyrene	189-64-0	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,i]pyrene	189-55-9	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,l]pyrene	191-30-0	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
						X	X	Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylpyrene	2381-71-7	F&F Policy: Sum of all PAH: 5 GOTS: Sum of 24 PAH: 5; Each 1	F&F Policy	0.1	ppm	
X	X	X				X		Solvents/VOC	N,N-Dimethylacetamide (DMAc)	127-19-5	Legal: 1000 F&F Policy: Sum of Solvents: 1000	0.1% limit for SVHC's in articles F&F Policy	5	ppm	Banned - No intentional use
X	X	X				X		Solvents/VOC	Formamide	75-12-7	Legal: 1000 F&F Policy: 200	0.1% limit for SVHC's in articles F&F Policy	5	ppm	
X	X	X						Solvents/VOC	N,N-Dimethylformamide / Dimethylformamide (DMFa or DMF)	68-12-2	1000	0.1% limit for SVHC's in articles	5	ppm	
X	X	X						Solvents/VOC	1-Methyl-2-pyrrolidone (NMP)	872-50-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X					X	X	Solvents/VOC	Formaldehyde	50-00-0	Legal: 75 F & F Policy: Baby: 16; Others: 75	Annex XVII Limit F&F policy	5	ppm	
				X				Solvents/VOC	Methylene chloride (DCM)	75-09-2	ZDHC MRSL Group B: 5	ZDHC MRSL limit of Group B	5	ppm	
						X		Solvents/VOC	1,1-Dichloroethane	75-34-3	ND	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X		X		Solvents/VOC	1,2-Dichloroethane	107-06-2	Legal: 1000 F&F Policy: Sum of Solvents: 1000	0.1% limit for SVHC's in articles F&F Policy	5	ppm	
X	X	X		X		X		Solvents/VOC	Trichloroethylene	79-01-6	Legal: 1000 F&F Policy: Sum of Solvents: 1000	0.1% limit for SVHC's in articles F&F Policy	5	ppm	
						X		Solvents/VOC	Chloroform	67-66-3	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	Tetrachloromethane (carbon tetrachloride)	56-23-5	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	1,1,1,2-Tetrachloroethane	630-20-6	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	1,1,1-Trichloroethane	71-55-6	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	1,1,2,2-Tetrachloroethane	79-34-5	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	1,1,2-Trichloroethane	79-00-5	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	1,1-Dichloroethylene	75-35-4	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	Pentachloroethane	76-01-7	Sum of Solvents: 1000	F&F Policy	5	ppm	
				X		X		Solvents/VOC	Tetrachloroethylene	127-18-4	Sum of Solvents: 1000	F&F Policy	5	ppm	
X	X			X		X		Solvents/VOC	Benzene	71-43-2	5	EC 1907/2006 Annex XVII limit F&F Policy	5	ppm	
						X		Solvents/VOC	Toluene	108-88-3	Sum of Solvents: 1000	F&F Policy	5	ppm	
						X		Solvents/VOC	Cyclohexanone	108-94-1	Sum of Solvents: 1000	F&F Policy	5	ppm	
				X		X		Solvents/VOC	Xylene	1330-20-7, 108-38-3,	Sum of Solvents: 1000	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
										95-47-6, 106-42-3					
					X	X	X	Solvents/VOC	Carbon disulfide	75-15-0	F&F Policy: 0.02 (For Natural Latex Foam); others: sum of solvents 1000 ppm ZDHC MMCF 0.1 mg/Nm3	F&F Policy	0.02 (for natural latex foam) 5 (general case)	mg/m3 ppm	
						X		Solvents/VOC	Ethylbenzene	100-41-4	Sum of Solvents: 1000	F&F Policy	5	ppm	
				X				Solvents/VOC	o-Cresol	95-48-7	ZDHC MRSL Group B: 500	ZDHC MRSL limit of Group B	5	ppm	
				X				Solvents/VOC	m-Cresol	106-44-5	ZDHC MRSL Group B: 500	ZDHC MRSL limit of Group B	5	ppm	
				X				Solvents/VOC	p-Cresol	108-39-4	ZDHC MRSL Group B: 500	ZDHC MRSL limit of Group B	5	ppm	
						X	X	Solvents/VOC	1,3-Butadiene	106-99-0	ND	F&F Policy	1	ppm	
						X		Solvents/VOC	Methanol	67-56-1	ND	F&F Policy	5	ppm	
						X		Solvents/VOC	1,2-dibromomethane	106-93-4	ND	F&F Policy	5	ppm	
X	X	X						Solvents/VOC	1-bromopropane; n-propyl bromide	106-94-5	1000	0.1% limit for SVHC's in articles	5	ppm	
						X		Solvents/VOC	Bromomethane	74-96-4	ND	F&F Policy	5	ppm	
						X		Solvents/VOC	2-bromopropane	75-26-3	ND	F&F Policy	5	ppm	
						X		Solvents/VOC	2-methoxypropanol	1589-47-5	ZDHC MRSL Group B: 50	ZDHC MRSL limit of Group B	5	ppm	
						X		Solvents/VOC	2-methoxypropyl acetate	70657-70-4	ND	F&F Policy	5	ppm	
						X		Solvents/VOC	Cyclododecane	294-62-2	ND	F&F Policy	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Solvents/VOC	Ethanol	64-17-5	ND	F&F Policy	5	ppm	
						X		Solvents/VOC	N-methylformamide	123-39-7	ND	F&F Policy	5	ppm	
								Solvents/VOC	2-(2-methoxyethoxy)-ethanol	111-77-3	/	/	/	/	
					X			Solvents/VOC	Hydrogen Sulfide	7783-06-4	0.1	ZDHC MMCF	0.1	mg/Nm3	
								Solvents/VOC	Bis(chloromethyl) ether	542-88-1	/	/	/	/	
								Solvents/VOC	N-Ethyl-2-pyrrolidone (NEP)	2687-91-4	/	/	/	/	
						X		Solvents/VOC	Phenol	108-95-2	20	F&F Policy	5	ppm	
X	X	X						SVHC	5-tert-Butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	1000	0.1% limit for SVHC's in articles	500	ppm	Banned - No intentional use
X	X	X						SVHC	Anthracene oil	90640-80-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Anthracene oil, anthracene paste, distn, lights	91995-17-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Anthracene oil, anthracene-low	90640-82-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Anthracene oil, anthracene paste	90640-81-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Coal tar pitch, high temperature	65996-93-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cobalt dichloride	7646-79-9	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Sodium dichromate	7789-12-0 10588-01-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Sodium chromate	7775-11-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Potassium chromate	7789-00-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Ammonium dichromate	7789-09-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Potassium dichromate	7778-50-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Chromium trioxide	1333-82-0	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Acids generated from chromium trioxide and their oligomers, Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Strontium chromate	7789-06-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Dichromium tris(chromate)	24613-89-6	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Diarsenic pentoxide	1303-28-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Diarsenic trioxide	1327-53-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Triethyl arsenate	15606-95-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Arsenic acid	7778-39-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Calcium arsenate	7778-44-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2,4-Dinitrotoluene	121-14-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Sodium peroxometaborate	7632-04-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Sodium perborate	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cobalt(II) sulphate	10124-43-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cobalt(II) dinitrate	10141-05-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cobalt(II) dinitrate	513-79-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cobalt(II) diacetate	71-48-7	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Hydrazine	7803-57-8 302-01-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1,2,3-Trichloropropane	96-18-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Potassium hydroxyoctaoxodizincatedic hromate	11103-86-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Pentazinc chromate octahydroxide	49663-84-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Aluminosilicate Refractory Ceramic Fibres (RCF)	650-017-00-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	650-017-00-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Phenolphthalein	77-09-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	4,4'- Bis(dimethylamino)benzoph enone (Michler's ketone)	90-94-8	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Methoxy acetic acid (MAA)	625-45-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1,2-Diethoxyethane	629-14-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1-Bromopropane	106-94-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride,	25550-51-0 19438-60-9 48122-14-1 57110-29-9	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
									Hexahydro-3-methylphthalic anhydride						
X	X	X						SVHC	Propylene oxide	75-56-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X					X	SVHC	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Dimethyl sulphate	77-78-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Diethyl sulphate	64-67-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Furan	110-00-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	N-Methylacetamide	79-16-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Imidazolidine-2-thione	96-45-7	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X		X				SVHC	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X		X				SVHC	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X		X				SVHC	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X		X				SVHC	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead chromate	7758-97-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead hydrogen arsenate	7784-40-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead diazide	13424-46-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead styphnate	15245-44-0	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead dipicrate	6477-64-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Trilead diarsenate	3687-31-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead(II) bis(methanesulfonate)	17570-76-2	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Lead cyanamidate	20837-86-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Tetralead trioxide sulphate	12202-17-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Pyrochlore, antimony lead yellow	8012-00-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Trilead bis(carbonate)dihydroxide	1319-46-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Silicic acid, lead salt	11120-22-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Trilead dioxide phosphonate	12141-20-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Dioxobis(stearato)trilead	12578-12-0	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Silicic acid, barium salt, lead-doped	68784-75-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead oxide (lead monoxide)	1317-36-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Pentalead tetraoxide sulphate	12065-90-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Tetraethyllead	78-00-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Sulfurous acid, lead salt, dibasic	62229-08-7	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Fatty acids, C16-18, lead salts	91031-62-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead Titanium Zirconium Oxide	12626-81-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Acetic acid, lead salt, basic	51404-69-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	[Phthalato(2-)]dioxotrilead	69011-06-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead titanium trioxide	12060-00-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead oxide sulfate	12036-76-9	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead dinitrate	10099-74-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead di(acetate)	301-04-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead bis(tetrafluoroborate)	13814-96-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Lead tetroxide (orange lead)	1314-41-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium chloride	10108-64-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium oxide	1306-19-0	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Cadmium sulphide	1306-23-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium fluoride	7790-79-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium sulphate	10124-36-4 31119-53-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1,3-Propanesultone	1120-71-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Nitrobenzene	98-95-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	p-(1,1-dimethylpropyl)phenol	80-46-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	4-(1,1,3,3-Tetramethylbutyl)phenol / 4-tert-octyl phenol	140-66-9	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&FPOLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Trimellitic anhydride	552-30-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X					X	SVHC	Decamethylcyclopentasiloxane (D5)	541-02-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X					X	SVHC	Dodecamethylcyclohexasiloxane (D6)	540-97-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Ethylenediamine	107-15-3	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X					X	SVHC	Octamethylcyclotetrasiloxane (D4)	556-67-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Terphenyl, hydrogenated	61788-32-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM)	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium carbonate	513-78-0	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium hydroxide	21041-95-2	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Cadmium nitrate	10022-68-1, 10325-94-7	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2-methoxyethyl acetate	110-49-6	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	1-vinylimidazole	1072-63-5	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2-methylimidazole	693-98-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	N.A.	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X	X	X						SVHC	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	Multiple	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Orthoboric acid, sodium salt	13840-56-7	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	Glutaral	111-30-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X				X		SVHC	4,4'-(1-methylpropylidene)bisphenol (Bisphenol B)	77-40-7	1000	0.1% limit for SVHC's in articles F&F policy	500	ppm	
X	X	X						SVHC	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	Multiple	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-	Multiple	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
									propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)						
X	X	X						SVHC	1,4-dioxane	123-91-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	tris(2-methoxyethoxy)vinylsilane	1067-53-4	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	Multiple	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	S-(tricyclo(5.2.1.0 ² ,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	1000	0.1% limit for SVHC's in articles	500	ppm	
X	X	X						SVHC	N-(hydroxymethyl)acrylamide	924-42-5	1000	0.1% limit for SVHC's in articles	500	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Flame Retardant	Tri-o-cresyl phosphate	78-30-8	50	Toy Directive Regulatory Limit	5	ppm	
X			X					Toys - Flame Retardant	Tris(2-chloroethyl) phosphate	115-96-8	50	Toy Directive Regulatory Limit	5	ppm	
X			X					Toys - Monomers	Bisphenol A (BPA)	80-05-7	0.1	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Monomers	Phenol	108-95-2	15	Toy Directive Regulatory Limit	1	mg/l	
X			X					Toys - Monomers	Styrene	100-42-5	0.75	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Monomers	Formaldehyde	50-00-0	2.5	Toy Directive Regulatory Limit	0.8	mg/l	
X			X					Toys - Monomers	Acrylamide	79-06-1	0.02	Toy Directive Regulatory Limit	0.02	mg/l	
X			X					Toys - Plasticizers	Triphenyl phosphate	115-86-6	0.03	Toy Directive Regulatory Limit	0.01	mg/l	
X			X					Toys - Plasticizers	Tri-o-cresyl phosphate	78-30-8	0.03	Toy Directive Regulatory Limit	0.01	mg/l	
X			X					Toys - Plasticizers	Tri-m-cresyl phosphate	563-04-2	0.03	Toy Directive Regulatory Limit	0.01	mg/l	
X			X					Toys - Plasticizers	Tri-p-cresyl phosphate	78-32-0	0.03	Toy Directive Regulatory Limit	0.01	mg/l	
X			X					Toys - Preservatives	1,2-Benzylisothiazolin-3-one	2634-33-5	ND	Toy Directive Regulatory Limit	5	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Preservatives	2-Methyl-4-isothiazolin-3-one	2682-20-4	10; Sum of 5-Chloro-2-methyl-4-isothiazolin-3-one / 2-methyl-4-isothiazolin-3-one: 15	Toy Directive Regulatory Limit	5	ppm	
X			X					Toys - Preservatives	5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	10; Sum of 5-Chloro-2-methyl-4-isothiazolin-3-one / 2-methyl-4-isothiazolin-3-one: 15	Toy Directive Regulatory Limit	5	ppm	
X			X					Toys - Preservatives	Cyfluthrin	68359-37-5	10	Toy Directive Regulatory Limit	6	ppm	
X			X					Toys - Preservatives	Cypermethrin	52315-07-8	10	Toy Directive Regulatory Limit	6	ppm	
X			X					Toys - Preservatives	Deltamethrin	52918-63-5	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Preservatives	Permethrin	52645-53-1	10	Toy Directive Regulatory Limit	6	ppm	
X			X					Toys - Preservatives	Lindane	58-89-9	2	Toy Directive Regulatory Limit	0.4	ppm	
X			X					Toys - Preservatives	Pentachlorophenol (PCP)	87-86-5	2	Toy Directive Regulatory Limit	0.4	ppm	
X			X					Toys - Preservatives	Phenol	108-95-2	10	Toy Directive Regulatory Limit	5	ppm	
X			X					Toys - Preservatives	Formaldehyde	50-00-0	500	Toy Directive Regulatory Limit	150	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Solvents (migration)	Methanol	67-56-1	5	Toy Directive Regulatory Limit	0.5	mg/l	
X			X					Toys - Solvents (migration)	Nitrobenzene	98-95-3	0.02	Toy Directive Regulatory Limit	0.006	mg/l	
X			X					Toys - Solvents (migration)	Cyclohexanone	108-94-1	46	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	3,5,5-Trimethyl-2- cyclohexene-1-one	78-59-1	3	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	Toluene	108-88-3	2	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	Ethylbenzene	100-41-1	1	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	Xylene (all isomers)	Multiple	2	Toy Directive Regulatory Limit	0.3	mg/l	
X			X					Toys - Solvents (migration)	Bis(2-methoxyethyl) ether	111-96-6	Sum of Bis(2- methoxyethyl) ether / 2- Ethoxyethanol / 2- Ethoxyethyl acetate / 2- Methoxyethylacetate / 2- Methoxypropylacetate : 0.5	Toy Directive Regulatory Limit	0.1	mg/l	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Solvents (migration)	2-Ethoxyethanol	110-80-5	Sum of Bis(2-methoxyethyl) ether / 2-Ethoxyethanol / 2-Ethoxyethyl acetate / 2-Methoxyethylacetate / 2-Methoxypropylacetate : 0.5	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	2-Ethoxyethyl acetate	111-15-9	Sum of Bis(2-methoxyethyl) ether / 2-Ethoxyethanol / 2-Ethoxyethyl acetate / 2-Methoxyethylacetate / 2-Methoxypropylacetate : 0.5	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	2-Methoxyethylacetate	110-49-6	Sum of Bis(2-methoxyethyl) ether / 2-Ethoxyethanol / 2-Ethoxyethyl acetate / 2-Methoxyethylacetate / 2-Methoxypropylacetate : 0.5	Toy Directive Regulatory Limit	0.1	mg/l	

RSIT	RSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Solvents (migration)	2-Methoxypropylacetate	70657-70-4	Sum of Bis(2-methoxyethyl) ether / 2-Ethoxyethanol / 2-Ethoxyethyl acetate / 2-Methoxyethylacetate / 2-Methoxypropylacetate : 0.5	Toy Directive Regulatory Limit	0.1	mg/l	
X			X					Toys - Solvents (migration)	Methylene chloride (DCM)	75-09-2	0.06	Toy Directive Regulatory Limit	0.02	mg/l	
X			X					Toys - Solvents (migration)	Trichloroethylene	79-01-6	0.2	Toy Directive Regulatory Limit	0.006	mg/l	
X			X					Toys - Solvents (inhalation)	Toluene	108-88-3	260	Toy Directive Regulatory Limit	200	ug/m ³	
X			X					Toys - Solvents (inhalation)	Ethylbenzene	100-41-4	5000	Toy Directive Regulatory Limit	200	ug/m ³	
X			X					Toys - Solvents (inhalation)	Xylene (all isomers)	Various	870	Toy Directive Regulatory Limit	500	ug/m ³	
X			X					Toys - Solvents (inhalation)	1,3,5-Trimethylbenzene (mesitylene)	108-67-8	2500	Toy Directive Regulatory Limit	200	ug/m ³	
X			X					Toys - Solvents (inhalation)	Trichloroethylene	79-01-6	33	Toy Directive Regulatory Limit	33	ug/m ³	
X			X					Toys - Solvents (inhalation)	Dichloromethane	75-09-2	3000	Toy Directive Regulatory Limit	200	ug/m ³	
X			X					Toys - Solvents (inhalation)	n-Hexane	110-54-3	1800	Toy Directive Regulatory Limit	200	ug/m ³	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Solvents (inhalation)	Nitrobenzene	98-95-3	33	Toy Directive Regulatory Limit	33	ug/m ³	
X			X					Toys - Solvents (inhalation)	Cyclohexanone	108-94-1	136	Toy Directive Regulatory Limit	136	ug/m ³	
X			X					Toys - Solvents (inhalation)	3,5,5-Trimethyl-2-cyclohexene-1-one	78-59-1	200	Toy Directive Regulatory Limit	200	ug/m ³	
X			X					Toys - Colorants	Disperse Blue 1	2475-45-8	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Blue 3	2475-46-9	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Blue 106	12223-01-7	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Blue 124	61951-51-7	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Yellow 3	2832-40-8	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Orange 3	730-40-5	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Orange 37/76	13301-61-6	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Disperse Red 1	2872-52-8	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Solvent Yellow 1	60-09-3	10	Toy Directive Regulatory Limit	2	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Colorants	Solvent Yellow 2	60-11-7	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Solvent Yellow 3	97-56-3	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Basic Red 9	569-61-9	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Basic Violet 1	8004-87-3	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Basic Violet 3	548-62-9	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Acid Red 26	3761-53-3	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Colorants	Acid Violet 49	1694-09-3	10	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	Benzidine	92-87-5	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	2-Naphthylamine	91-59-8	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	4-Chloroaniline	106-47-8	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	3,3'-Dichlorobenzidine	91-94-1	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	3,3'-Dimethoxybenzidine	119-90-4	5	Toy Directive Regulatory Limit	2	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Primary Aromatic Amines	3,3'-Dimethylbenzidine	119-93-7	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	o-Toluidine	95-53-4	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	2-Methoxyaniline (o-Anisidine)	90-04-0	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Primary Aromatic Amines	Aniline	62-53-3	5	Toy Directive Regulatory Limit	2	ppm	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodiethanolamine (NDELA)	1116-54-7	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodimethylamine (NDMA)	62-75-9	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodiethylamine (NDEA)	55-18-5	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodipropylamine (NDPA)	621-64-7	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodiisopropylamine (NDiPA)	601-77-4	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodibutylamine (NDBA)	924-16-3	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodiisobutylamine (NDiBA)	997-95-5	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodiisononylamine (NDiNA)	1207995-62-7	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosomorpholine (NMOR)	59-89-2	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosopiperidine (NPIP)	100-75-4	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitrosodibenzylamine (NDBzA)	5336-53-8	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitroso-N-methyl-N-phenylamine (NMPhA)	614-00-6	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
X			X					Toys - Nitrosamines and nitrosatable substances	N-Nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6	Sum of all nitrosamines = 0.05 Sum of all nitrosatable = 1	Toy Directive Regulatory Limit	Nitrosamine: 0.01 Nitrosable: 0.1	mg/kg	
						X		Others - Biocides	Zineb	12122-67-7	/	F&F Policy	/	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Others - Dye adjunct	Propylparaben; propyl 4-hydroxybenzoate	94-13-3	/	F&F Policy	/	ppm	Banned - No intentional use
X	X			X		X		Others - Dye adjunct	Quinoline	91-22-5	50	EC 1907/2006 Annex XVII limit F&F Policy	10	ppm	
						X		Others - Dye adjunct	4,4'-Dihydroxybenzophenone	611-99-4	/	F&F Policy	/	ppm	
						X		Others - Dye adjunct	Aziridine	151-56-4	/	F&F Policy	/	ppm	
						X		Others - Dye adjunct	Benzophenone-2 (Bp-2); 2,2',4,4'-tetrahydroxybenzophenone	131-55-5	/	F&F Policy	/	ppm	
						X		Others - Dye adjunct	Benzophenone-3; Oxybenzone	131-57-7	/	F&F Policy	/	ppm	
								Others - Dye adjunct	Auramine hydrochloride	2465-27-2	/	/	/	/	
						X		Others - Flame Retardants	Chlorinated paraffins (CPs)	63449-39-8	/	F&F Policy	/	ppm	Banned - No intentional use
						X		Others - Flame Retardants	Potassium bromate	7758-01-2	/	F&F Policy	/	ppm	
						X		Others - Fragrance adjunct	Tonalide	1506-02-1 / 21145-77-7	/	F&F Policy	/	ppm	Banned - No intentional use
						X		Others - Pesticides	Alachlor	15972-60-8	Sum of all = 0.5	F&F Policy: Ecological Criteria	0.5	ppm	Banned - No intentional use
						X		Others - Pesticides	aldicarb	116-06-3				ppm	
						X		Others - Pesticides	Aldrin	309-00-2				ppm	
						X		Others - Pesticides	Campheclor (toxaphene)	8001-35-2				ppm	
						X		Others - Pesticides	Captafol	2425-06-1				ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Others - Pesticides	Chlordane	57-74-9				ppm	
						X		Others - Pesticides	2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	93-76-5				ppm	
						X		Others - Pesticides	Chlordimeform	6164-98-3				ppm	
						X		Others - Pesticides	Chlorobenzilate	510-15-6				ppm	
						X		Others - Pesticides	Cypermethrin	52315-07-8				ppm	
						X		Others - Pesticides	2,4'-Dichlorodiphenyl trichloroethane/4,4'- Dichlorodiphenyl trichloroethane (DDT)	50-29-3 789-02-6				ppm	
						X		Others - Pesticides	Dieldrin	60-57-1				ppm	
						X		Others - Pesticides	Dinoseb and its salts	88-85-7				ppm	
						X		Others - Pesticides	Endosulfan	959-98-8 33213-65-9				ppm	
						X		Others - Pesticides	Endrin	72-20-8				ppm	
						X		Others - Pesticides	Glyphosulfate	N/A				ppm	
						X		Others - Pesticides	Heptachlor	76-44-8				ppm	
						X		Others - Pesticides	Hexachlorobenzene	118-74-1				ppm	
						X		Others - Pesticides	Hexachlorocyclohexane (total isomers)	319-84-6 319-85-7 319-86-8				ppm	
						X		Others - Pesticides	Methamidophos	10265-92-6				ppm	

RSIT	SSL	SVHC	TS	ZDHC	ZDHC	F&F	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
							X	Others - Pesticides	Methyl-o-demeton	N/A				ppm	
							X	Others - Pesticides	Methylparathion	298-00-0				ppm	
							X	Others - Pesticides	Monocrotophos	6923-22-4				ppm	
							X	Others - Pesticides	Neonicotinoids (clothianidine, imidacloprid, thiametoxam)	210880-92-5 138261-41-3 153719-23-4				ppm	
							X	Others - Pesticides	Parathion	56-38-2				ppm	
							X	Others - Pesticides	Phosphamidon	13171-21-6				ppm	
							X	Others - Pesticides	Thiofanex	39196-18-4				ppm	
							X	Others - Pesticides	Triafanex	N/A				ppm	
							X	Others - Pesticides	Triazophos	24017-47-8				ppm	
							X	Others - Pesticides	Lindane	58-89-9				ppm	
							X	Others - Pesticides	α -Hexachlorocyclohexane	319-84-6				ppm	
							X	Others - Pesticides	β -Hexachlorocyclohexane	319-85-7				ppm	
							X	Others - Pesticides	δ -Hexachlorocyclohexane	319-86-8				ppm	
							X	Others - Pesticides	Aldrin	309-00-2				ppm	
							X	Others - Pesticides	Dieldrin	60-57-1				ppm	
							X	Others - Pesticides	Endrin	72-20-8				ppm	
							X	Others - Pesticides	4,4'-Dichlorodiphenyl trichloroethane (p,p'-DDT)	50-29-3				ppm	
							X	Others - Pesticides	4,4'-Dichlorodiphenyl dichloroethane (p,p'-DDD)	72-54-8				ppm	
							X	Others - Pesticides	Cypermethrin	52315-07-8				ppm	
							X	Others - Pesticides	Deltamethrin	52918-63-5				ppm	
							X	Others - Pesticides	Fenvalerate	51630-58-1				ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Others - Pesticides	Cyhalothrin	91465-08-6				ppm	
						X		Others - Pesticides	Flumethrin	69770-45-2				ppm	
						X		Others - Pesticides	Diazinon	333-41-5				ppm	
						X		Others - Pesticides	Propetamphos	31218-83-4				ppm	
						X		Others - Pesticides	Chlorfenvinphos	470-90-6				ppm	
						X		Others - Pesticides	Dichlofenthion	97-17-6				ppm	
						X		Others - Pesticides	Chlorpyriphos	2921-88-2				ppm	
						X		Others - Pesticides	Fenchlorphos	299-84-3				ppm	
						X		Others - Pesticides	Diflubenzuron	35367-38-5				ppm	
						X		Others - Pesticides	Triflumuron	64628-44-0				ppm	
						X		Others - Pesticides	Dicyclanil	112636-83-6				ppm	
						X		Others - Pesticides	2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	0.05		0.05	ppm	
						X		Others - Pesticides	Azinophosmethyl	86-50-0	0.05		0.05	ppm	
						X		Others - Pesticides	Azinophosethyl	2642-71-9	0.05		0.05	ppm	
						X		Others - Pesticides	Bromophos-ethyl	4824-78-6	0.05		0.05	ppm	
						X		Others - Pesticides	Carbaryl	63-25-2	0.05		0.05	ppm	
						X		Others - Pesticides	Coumaphos	56-72-4	0.05		0.05	ppm	
						X		Others - Pesticides	S,S,S-Tributyl phosphorotrithioate (Tribufos/DEF)	78-48-8	0.05		0.05	ppm	
						X		Others - Pesticides	4,4'-Dichlorodiphenyl dichloroethane; Mitotane (DDD)	53-19-0,72-54-8	0.05		0.05	ppm	

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
						X		Others - Pesticides	2,4'-Dichlorodiphenyl dichloroethylene; 4,4'-Dichlorodiphenyl dichloroethylene (DDE)	3424-82-6, 72-55-9	0.05		0.05	ppm	
						X		Others - Pesticides	Dichlorprop	120-36-2	0.05		0.05	ppm	
						X		Others - Pesticides	Dicrotophos	141-66-2	0.05		0.05	ppm	
						X		Others - Pesticides	Dimethoate	60-51-5	0.05		0.05	ppm	
						X		Others - Pesticides	Esfenvalerate	66230-04-4	0.05		0.05	ppm	
						X		Others - Pesticides	Heptachloroepoxide	1024-57-3	0.05		0.05	ppm	
						X		Others - Pesticides	Malathion	121-75-5	0.05		0.05	ppm	
						X		Others - Pesticides	4-Chloro-2-methylphenoxyacetic acid (MCPA)	94-74-6	0.05		0.05	ppm	
						X		Others - Pesticides	4-(4-Chloro-2-methylphenoxy)butyric acid (MCPB)	94-81-5	0.05		0.05	ppm	
						X		Others - Pesticides	Mecoprop	93-65-2	0.05		0.05	ppm	
						X		Others - Pesticides	Methoxychlor	72-43-5	0.05		0.05	ppm	
						X		Others - Pesticides	Mirex	2385-85-5	0.05		0.05	ppm	
						X		Others - Pesticides	Phosdrin/Mevinphos	7786-34-7	0.5		0.5	ppm	
						X		Others - Pesticides	Profenophos	41198-08-7	0.05		0.05	ppm	
						X		Others - Pesticides	Trifluralin	1582-09-8	0.05		0.05	ppm	
				X				Others	Thiourea	62-56-6	ZDHC MRSL Group B: 10	ZDHC MRSL limit of Group B	10	ppm	Banned - No intentional use

RSIT	SSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
				X				Others	Silica (particles of respirable size)	14464-46-1	ZDHC MRSL Group B: No use of Sand Blasting	ZDHC MRSL limit of Group B	/	/	unless there are no feasible alternatives technically available and in products must meet all voluntary requirements.
				X				Others	AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	ZDHC MRSL Group B: 100	ZDHC MRSL limit of Group B	100	ppm	
						X		Others - Polymer Byproduct /Additive	Isoprene	78-79-5	/	F&F Policy	/	ppm	
						X		Others - Polymer Byproduct /Additive	Benzophenone	119-61-9	/	F&F Policy	/	ppm	
						X		Others - Polymer Byproduct /Additive	Thiram	137-26-8	/	F&F Policy	/	ppm	
						X		Others - Polymer Byproduct /Additive	Tert.-Butylhydroxyanisole (BHA); tert-butyl-4-methoxyphenol	25013-16-5	/	F&F Policy	/	ppm	
						X		Others - Polymer Byproduct /Additive	Acrylonitrile	107-13-1	/	F&F Policy	/	ppm	
						X		Others - Polymer Byproduct /Additive	2-Phenyl-2-propanol	617-94-7	50	F&F Policy	5	ppm	Banned - No intentional use unless there are no feasible alternatives technically available and in products must meet all
						X		Others - Polymer Byproduct /Additive	Acetophenone	98-86-2	50	F&F Policy	5	ppm	

RSIT	RSL	SVHC	TS	ZDHC MRSL 2.0	ZDHC MMCF	F&F POLICY	GOTS	CHEMICAL CLASS	SUBSTANCE NAME	CAS NO.	RECOMMENDED RESTRICTION	NOTE	DETECTION LIMIT	UNIT	STATUS OF ELIMINATION
															voluntary requirements.
X	X							Ozone-depleting Substances	Ozone-depleting Substances	Multiple	ND	Greenhouse gases regulatory limit	5	ppm	Banned - No intentional use

Appendix III: Wastewater Detection Limits

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Heavy Metals	Total Antimony (Sb)	7440-36-0	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	1 µg/L	With reference to USEPA 3050, USEPA 3051A, USEPA 3060A, USEPA 6010D, USEPA 6020B, USEPA 7471B or acid/peroxide digestion followed by ICP or ICP/MS analysis	1mg/kg
Heavy Metals	Total Chromium (Cr)	7440-47-3		1 µg/L		1mg/kg
Heavy Metals	Total Cobalt (Co)	7440-48-4		1 µg/L		1mg/kg
Heavy Metals	Total Copper (Cu)	7440-50-8		1 µg/L		1mg/kg
Heavy Metals	Total Nickel (Ni)	7440-02-0		1 µg/L		1mg/kg
Heavy Metals	Total Silver (Ag)	7440-22-4		5 µg/L		1mg/kg
Heavy Metals	Total Zinc (Zn)	7440-66-6		1 µg/L		4mg/kg
Heavy Metals	Total Arsenic (As)	7440-38-2		1 µg/L		1mg/kg
Heavy Metals	Total Cadmium (Cd)	7440-43-9		0.1 µg/L		1mg/kg
Heavy Metals	Total Hexavalent Chromium (Cr-VI)	18540-29-9	With reference to APHA 3500Cr A&B or Solvent extraction and derivatisation followed by UV analysis	1 µg/L	With reference to USEPA 7196, USEPA 7199 or alkaline digestion followed by colourimetric UV/VIS or colourimetric IC analysis	1mg/kg
Heavy Metals	Total Lead (Pb)	7439-92-1	With reference to USEPA 200.7, USEPA 200.8, USEPA 6010C, USEPA 6020A, ISO 11885, HJ 700 or Acid Digestion followed by ICP or ICP/MS analysis	1 µg/L	With reference to USEPA 3050, USEPA 3051A, USEPA 3060A, USEPA 6010D, USEPA 6020B, USEPA 7471B or acid/peroxide digestion followed by CVAA, ICP or ICP/MS analysis	1mg/kg
Heavy Metals	Total Mercury (Hg)	7439-97-6		0.05 µg/L		0.006mg/kg
*Heavy Metals	Total Manganese (Mn)	7439-96-5		1 µg/L		1mg/kg
*Heavy Metals	Total Selenium (Se)	7782-49-2		1 µg/L		1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Octylphenol (OP), mixed isomers	various 140-66-9, 27193-28-8, 1806-26-4	NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC/MS or LC/MS(- MS)) OPEO/NPEO (n>2): ISO 18254-1 OPEO/NPEO (n=1,2): ISO 18857-2 or ASTM D7065	1 µg/L	With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS analysis	0.2mg/kg
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Nonylphenol (NP), mixed isomers	various 25154-52-3, 104-40-5, 90481-04-2, 84852-15-3, 1173019-62-9		1 µg/L		0.2mg/kg
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Octylphenol ethoxylates (OPEO)	various 9002-93-1, 9036-19-5, 68987-90-6		1 µg/L	With reference to ISO 18254-1, ISO 18857-2 or ASTM D7065 followed by GC/MS or LC/MS analysis	0.2mg/kg
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	Nonylphenol ethoxylates (NPEO)	various 9016-45-9, 26027-38-3 68412-54-4, 127087-87-0, 37205-87-1		1 µg/L		0.2mg/kg
Chlorobenzenes and Chlorotoluenes	Monochlorobenzene	108-90-7	USEPA 8260B, 8270D. Dichloromethane extraction	0.02 µg/L	With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, USEPA 3650,	0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wasterwater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorobenzenes and Chlorotoluenes	Dichlorobenzenes	various	followed by GC/ MS		USEPA 8270 or solvent extraction followed by GC/MS analysis	
Chlorobenzenes and Chlorotoluenes	1,2-Dichlorobenzene	95-50-1		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,3-Dichlorobenzene	541-73-1		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,4-Dichlorobenzene	106-46-7		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Trichlorobenzene	various				
Chlorobenzenes and Chlorotoluenes	1,2,3-Trichlorobenzene	87-61-6		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,2,4-Trichlorobenzene	120-82-1		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,3,5-Trichlorobenzene	108-70-3		0.02 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorobenzenes and Chlorotoluenes	Tetrachlorobenzene	12408-10-5				
Chlorobenzenes and Chlorotoluenes	1,2,3,4-Tetrachlorobenzene	634-66-2		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,2,3,5-Tetrachlorobenzene	634-90-2		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	1,2,4,5-Tetrachlorobenzene	95-94-3		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Pentachlorobenzene					
Chlorobenzenes and Chlorotoluenes	Pentachlorobenzene	608-93-5		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Hexachlorobenzene					
Chlorobenzenes and Chlorotoluenes	Hexachlorobenzene	118-74-1		0.02 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorobenzenes and Chlorotoluenes	Chlorotoluene		USEPA 8260B, 8270D. Dichloromethane extraction followed by GC/ MS		With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, USEPA 3650, USEPA 8270 or solvent extraction followed by GC/MS analysis	
Chlorobenzenes and Chlorotoluenes	2-chlorotoluene	95-49-8		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	3-chlorotoluene	108-41-8		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	4-chlorotoluene	106-43-4		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Dichlorotoluene					
Chlorobenzenes and Chlorotoluenes	2,3-dichlorotoluene	32768-54-0		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,4-dichlorotoluene	95-73-8		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,5-dichlorotoluene	19398-61-9		0.02 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorobenzenes and Chlorotoluenes	2,6-dichlorotoluene	118-69-4		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	3,4-dichlorotoluene	95-75-0		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	3,5-dichlorotoluene	25186-47-4		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Trichlorotoluene					
Chlorobenzenes and Chlorotoluenes	2,3,4-trichlorotoluene	7359-72-0		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,3,6-trichlorotoluene	2077-46-5		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,4,5-trichlorotoluene	6639-30-1		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,4,6-trichlorotoluene	23749-65-7		0.02 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorobenzenes and Chlorotoluenes	3,4,5-trichlorotoluene	21472-86-6		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Tetrachlorotoluene					
Chlorobenzenes and Chlorotoluenes	2,3,4,5-tetrachlorotoluene	76057-12-0		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,3,5,6-tetrachlorotoluene	29733-70-8		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	2,3,4,6-Tetrachlorotoluene	875-40-1		0.02 µg/L		0.01mg/kg
Chlorobenzenes and Chlorotoluenes	Pentachlorotoluene					
Chlorobenzenes and Chlorotoluenes	2,3,4,5,6- pentachlorotoluene	877-11-2		0.02 µg/L		0.01mg/kg
Chlorophenols	Mono Chlorophenol	Various	USEPA 8270 D. Solvent extraction, derivatisation		With reference to ISO 14154, acid/base liquid extraction, acetylation or liquid/liquid	
Chlorophenols	2-chlorophenol	95-57-8		0.5 µg/L		0.025mg/kg
Chlorophenols	3-chlorophenol	108-43-0		0.5 µg/L		0.025mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Chlorophenols	4-chlorophenol	106-48-9	with KOH, acetic anhydride followed by GC/MS ISO 14154	0.5 µg/L	extraction followed by GC/MS analysis	0.025mg/kg
Chlorophenols	Dichlorophenols (DiCP)	25167-81-1				
Chlorophenols	2,3-dichlorophenol	576-24-9		0.5 µg/L		0.025mg/kg
Chlorophenols	2,4-dichlorophenol	120-83-2		0.5 µg/L		0.025mg/kg
Chlorophenols	2,5-dichlorophenol	583-78-8		0.5 µg/L		0.025mg/kg
Chlorophenols	2,6-dichlorophenol	87-65-0		0.5 µg/L		0.025mg/kg
Chlorophenols	3,4-dichlorophenol	95-77-2		0.5 µg/L		0.025mg/kg
Chlorophenols	3,5-dichlorophenol	591-35-5		0.5 µg/L		0.025mg/kg
Chlorophenols	Trichlorophenol (TriCP)	25167-82-2				
Chlorophenols	2,3,4-trichlorophenol	15950-66-0		0.5 µg/L		0.025mg/kg
Chlorophenols	2,3,5-trichlorophenol	933-78-8		0.5 µg/L		0.025mg/kg
Chlorophenols	2,3,6-trichlorophenol	933-75-5		0.5 µg/L		0.025mg/kg
Chlorophenols	2,4,5-trichlorophenol	95-95-4		0.5 µg/L		0.025mg/kg
Chlorophenols	2,4,6-trichlorophenol	88-06-2		0.5 µg/L		0.025mg/kg
Chlorophenols	3,4,5-trichlorophenol	609-19-8		0.5 µg/L		0.025mg/kg
Chlorophenols	Tetrachlorophenols (TeCP)	25167-83-3				
Chlorophenols	2,3,4,5-Tetrachlorophenol	4901-51-3		0.5 µg/L		0.025mg/kg
Chlorophenols	2,3,4,6-Tetrachlorophenol	58-90-2		0.5 µg/L		0.025mg/kg
Chlorophenols	2,3,5,6-tetrachlorophenol	935-95-5		0.5 µg/L		0.025mg/kg
Chlorophenols	Pentachlorophenols (PCP)	87-86-5		0.5 µg/L		0.025mg/kg
Dyes - Azo	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	EN 14362-1 EN 14362-3 Reduction step with	0.01 µg/L	With reference to ISO 14362-1, ISO 14362-3 or solvent extraction with sodium dithionite reduction	0.01mg/kg
Dyes - Azo	4,4'-Diaminodiphenylmethane	101-77-9		0.01 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Azo	4,4'-Oxydianiline	101-80-4	Sodiumdithionite, solvent extraction, GC/MS or LC/MS	0.01 µg/L	followed by GC/MS or LC/MS analysis	0.01mg/kg
Dyes - Azo	p-Chloroaniline	106-47-8		0.01 µg/L		0.01mg/kg
Dyes - Azo	3,3'-Dimethoxybenzidine	119-90-4		0.01 µg/L		0.01mg/kg
Dyes - Azo	3,3'-Dimethylbenzidine	119-93-7		0.01 µg/L		0.01mg/kg
Dyes - Azo	p-Cresidine	120-71-8		0.01 µg/L		0.01mg/kg
Dyes - Azo	2,4,5-Trimethylaniline	137-17-7		0.01 µg/L		0.01mg/kg
Dyes - Azo	4,4'-Thiodianiline	139-65-1		0.01 µg/L		0.01mg/kg
Dyes - Azo	p-Aminoazobenzene	60-09-3		0.01 µg/L		0.01mg/kg
Dyes - Azo	2,4-Diaminoaniso	615-05-4		0.01 µg/L		0.01mg/kg
Dyes - Azo	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0		0.01 µg/L		0.01mg/kg
Dyes - Azo	2,6-Xylidine	87-62-7		0.01 µg/L		0.01mg/kg
Dyes - Azo	o-Anisidine	90-04-0		0.01 µg/L		0.01mg/kg
Dyes - Azo	2-Naphthylamine	91-59-8		0.01 µg/L		0.01mg/kg
Dyes - Azo	3,3'-Dichlorobenzidine	91-94-1		0.01 µg/L		0.01mg/kg
Dyes - Azo	4-Aminodiphenyl	92-67-1		0.01 µg/L		0.01mg/kg
Dyes - Azo	Benzidine	92-87-5		0.01 µg/L		0.01mg/kg
Dyes - Azo	o-Toluidine	95-53-4		0.01 µg/L		0.01mg/kg
Dyes - Azo	2,4-Xylidine	95-68-1		0.01 µg/L		0.01mg/kg
Dyes - Azo	4-Chloro-o-Toluidine	95-69-2		0.01 µg/L		0.01mg/kg
Dyes - Azo	2,4-Toluylenediamine	95-80-7		0.01 µg/L		0.01mg/kg
Dyes - Azo	o-Aminoazotoluene	97-56-3		0.01 µg/L		0.01mg/kg
Dyes - Azo	2-Amino-4-Nitrotoluene	99-55-8		0.01 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Carcinogenic or Equivalent Concern	Direct Black 38	1937-37-7	Liquid extraction, LC/MS	0.1 µg/L	With reference to ISO 16373 or solvent extraction followed by LC/MS analysis	0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Direct Blue 6	2602-46-2		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Acid Red 26	3761-53-3		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Red 9	569-61-9		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Direct Red 28	573-58-0		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Violet 14	632-99-5		0.1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Carcinogenic or Equivalent Concern	Disperse Blue 1	2475-45-8		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Disperse Blue 3	2475-46-9		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Blue 26 (with Michler's ketone >0.1%)	2580-56-5		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Green 4 (malachite green chloride)^	569-64-2		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Green 4 (malachite green oxalate)^	2437-29-8		0.1 µg/L		0.1mg/kg
Dyes - Carcinogenic or Equivalent Concern	Basic Green 4 (malachite green)	10309-95-2		0.1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Carcinogenic or Equivalent Concern	Disperse Orange 11	82-28-0		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Basic Violet 3	548-62-9		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Direct Black 38	1937-37-7		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Disperse Yellow 3	2832-40-8		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Direct Brown 95	16071-86-6		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Solvent Blue 4	6786-83-0		0.1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Dyes - Carcinogenic or Equivalent Concern	4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Solvent Yellow 2 (4-Dimethylaminoazobenzene)	60-11-7		0.1 µg/L		0.1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Pigment Red 104^	12656-85-8	Acid Digestion followed by ICP or ICP/MS analysis	0.1 µg/L	Acid Digestion followed by ICP or ICP/MS analysis	1mg/kg
*Dyes - Carcinogenic or Equivalent Concern	Pigment Yellow 34^	1344-37-2	Acid Digestion followed by ICP or ICP/MS analysis	0.1 µg/L	Acid Digestion followed by ICP or ICP/MS analysis	1mg/kg
Dyes - Disperse Sensitizing	Disperse Yellow 1	119-15-3	Liquid extraction, LC/MS	0.1 µg/L	With reference to ISO 16373 or solvent extraction followed by LC/MS analysis	0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 102	12222-97-8		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 106	12223-01-7		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Yellow 39	12236-29-2		0.1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Disperse Sensitizing	Disperse Orange 37/59/76	13301-61-6		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Brown 1	23355-64-8		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Orange 1	2581-69-3		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Yellow 3	2832-40-8		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Red 11	2872-48-2		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Red 1	2872-52-8		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Red 17	3179-89-3		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 7	3179-90-6		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 26	3860-63-7		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Yellow 49	54824-37-2		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 35	12222-75-2		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Blue 124	61951-51-7		0.1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Dyes - Disperse Sensitizing	Disperse Yellow 9	6373-73-5		0.1 µg/L		0.1mg/kg
Dyes - Disperse Sensitizing	Disperse Orange 3	730-40-5		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Blue 1	2475-45-8		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Blue 3	2475-46-9		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Yellow 23	6250-23-3		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Orange 149	85136-74-9		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Yellow 7	6300-37-4		0.1 µg/L		0.1mg/kg
*Dyes - Disperse Sensitizing	Disperse Yellow 56	54077-16-6		0.1 µg/L		0.1mg/kg
*Dyes - Navy Blue	Navy Blue	118685-33-9	Liquid extraction, LC/MS	1000 µg/L	With reference to ISO 16373 or solvent extraction followed by LC/MS analysis	10mg/kg
Flame Retardants	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	US EPA 8270 ISO 22032, USEPA 527 and USEPA 8321B.	0.05 µg/L	With reference to ISO 22032 or solvent extraction followed by GC/MS or LC/MS analysis	0.25mg/kg
Flame Retardants	Decabromo diphenyl ethers (DecaBDE)	1163-19-5		0.05 µg/L		0.03mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Flame Retardants	Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7	Dichloromethane extraction GC/MS or LC/MS(-MS)	0.5 µg/L		0.25mg/kg
Flame Retardants	Pentabromo diphenyl ethers (PentaBDE)	32534-81-9		0.05 µg/L		0.03mg/kg
Flame Retardants	Octabromo diphenyl ethers (OctaBDE)	32536-52-0		0.05 µg/L		0.03mg/kg
Flame Retardants	Bis(2,3-dibromopropyl)phosphate (BIS)	5412-25-9		0.5 µg/L		0.25mg/kg
Flame Retardants	Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1		0.5 µg/L		0.25mg/kg
Flame Retardants	Polybrominated biphenyls (PBBs)	59536-65-1 various				
Flame Retardants	Monobromo biphenyls (MonoBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Dibromo biphenyls (DiBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Tribromo biphenyls (TriBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Tetrabromo biphenyls (TetraBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Pentabromo biphenyls (PentaBB)	-		0.05 µg/L		0.03mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Flame Retardants	Hexabromo biphenyls (HexaBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Heptabromo biphenyls (HeptaBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Octabromo biphenyls (OctaBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Nonabromo biphenyls (NonaBB)	-		0.05 µg/L		0.03mg/kg
Flame Retardants	Decabromo biphenyls (DecaBB)	13654-09-6		0.05 µg/L		0.03mg/kg
Flame Retardants	Tetrabromobisphenol A (TBBPA)	79-94-7		0.5 µg/L		0.25mg/kg
Flame Retardants	Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6		0.5 µg/L		0.25mg/kg
Flame Retardants	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0		0.5 µg/L		0.25mg/kg
Flame Retardants	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8		0.5 µg/L		0.25mg/kg
Flame Retardants	Short Chain Chlorinated Paraffins (SCCP), C10-C13	85535-84-8		0.4 µg/L		0.03mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Flame Retardants	Polybrominated diphenyl ethers (PBDEs)	various				
*Flame Retardants	Monobromo diphenyl ethers (MonoBDE)	-		0.05 µg/L		0.03mg/kg
*Flame Retardants	Dibromo diphenyl ethers (DiBDE)	-		0.05 µg/L		0.03mg/kg
*Flame Retardants	Tribromo diphenyl ethers (TriBDE)	-		0.05 µg/L		0.03mg/kg
*Flame Retardants	Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9		0.05 µg/L		0.03mg/kg
Flame Retardants	Pentabromo diphenyl ethers (PentaBDE)	32534-81-9		0.05 µg/L		0.03mg/kg
*Flame Retardants	Hexabromo diphenyl ethers (HexaBDE)	36483-60-0		0.05 µg/L		0.03mg/kg
*Flame Retardants	Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3		0.05 µg/L		0.03mg/kg
Flame Retardants	Octabromo diphenyl ethers (OctaBDE)	32536-52-0		0.05 µg/L		0.03mg/kg
*Flame Retardants	Nonabromo diphenyl ethers (NonaBDE)	63936-56-1		0.05 µg/L		0.03mg/kg
Flame Retardants	Decabromo diphenyl ethers (DecaBDE)	1163-19-5		0.05 µg/L		0.03mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Flame Retardants	Sodium Tetraborate^	1303-96-4, 1303-43-4, 12179-04-3, 215-540-4	Acid Digestion followed by ICP or ICP/MS analysis	0.5 µg/L	Acid Digestion followed by ICP or ICP/MS analysis	0.25mg/kg
*Flame Retardants	Boron trioxide^	1303-86-2		0.5 µg/L		0.25mg/kg
*Flame Retardants	Boric acid^	10043-35-3, 11113-50-1		0.5 µg/L		0.25mg/kg
*Flame Retardants	Tetraboron disodium heptaoxide, hydrate^	12267-73-1		0.5 µg/L		0.25mg/kg
*Flame Retardants	Antimony trioxide^	1309-64-4		0.5 µg/L		0.25mg/kg
*Flame Retardants	Tri-o-cresyl phosphate	78-30-8	US EPA 8270, ISO 22032, USEPA 527 and USEPA 8321B. Dichloromethane extraction GC/MS or LC/MS(-MS)	0.5 µg/L	With reference to ISO 22032 or solvent extraction followed by GC/MS or LC/MS analysis	0.25mg/kg
Flame Retardants	Tetrabromobisphenol-A-Bis(2,3-Dibromopropyl) Ether (TBBPA-BDPE)	21850-44-2		0.5 µg/L		0.25mg/kg
*Flame Retardants	Tris(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		0.5 µg/L		0.25mg/kg
*Flame Retardants	Trixylyl phosphate (TXP)	25155-23-1		0.5 µg/L		0.25mg/kg
*Flame Retardants	Hexabromobiphenyl	36355-01-8		0.5 µg/L		0.25mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wasterwater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Flame Retardants	Polychlorinated naphthalenes (PCN)	-		0.5 µg/L		10mg/kg
*Flame Retardants	Medium Chain Chloroparaffins (MCCP) (C14 - C17)	85535-85-9		0.5 µg/L		10mg/kg
Glycols	Bis(2-methoxyethyl)-ether	111-96-6	US EPA 8270 Liquid extraction, LC/MS or GC-MS	50 µg/L	With reference to USEPA 8270D, ISO 22892 or solvent extraction followed by GC/MS or LC/MS analysis	10mg/kg
Glycols	2-ethoxyethanol	110-80-5		50 µg/L		10mg/kg
Glycols	2-ethoxyethyl acetate	111-15-9		50 µg/L		10mg/kg
Glycols	Ethylene glycol dimethyl ether	110-71-4		50 µg/L		10mg/kg
Glycols	2-methoxyethanol	109-86-4		50 µg/L		10mg/kg
Glycols	2-methoxyethylacetate	110-49-6		50 µg/L		10mg/kg
Glycols	2-methoxypropylacetate	70657-70-4		50 µg/L		10mg/kg
Glycols	Triethylene glycol dimethyl ether	112-49-2		50 µg/L		10mg/kg
*Glycols	Ethylene glycol	107-21-1		50 µg/L		10mg/kg
Halogenated Solvents	1,2-Dichloroethane	107-06-2	USEPA 8260B Headspace GC/MS or Purgeand-Trap-GC/MS	1 µg/L	With reference to USEPA 5035, USEPA 50211, USEPA 8010 or solvent extraction followed by GC/MS analysis	0.3mg/kg
Halogenated Solvents	Methylene chloride	75-09-2		1 µg/L		0.3mg/kg
Halogenated Solvents	Trichloroethene	79-01-6		1 µg/L		0.3mg/kg
Halogenated Solvents	Tetrachloroethene	127-18-4		1 µg/L		0.3mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Halogenated Solvents	Chloroform	67-66-3		1 µg/L		0.3mg/kg
*Halogenated Solvents	Tetrachloromethane	56-23-5		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1,2-Trichloroethane	79-00-5		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1-Dichloroethane	75-34-3		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1,1-trichloroethane	71-55-6		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1,1,2-Tetrachloroethane	630-20-6		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1,2,2-Tetrachloroethane	79-34-5		1 µg/L		0.3mg/kg
*Halogenated Solvents	Pentachloroethane	76-01-7		1 µg/L		0.3mg/kg
*Halogenated Solvents	1,1-Dichloroethylene	75-35-4		1 µg/L		0.3mg/kg
Organotin Compounds	Monomethyltin (MMT)	NA	ISO 17353 Derivatisation with NaB(C ₂ H ₅) GC/MS	0.01 µg/L	With reference to ISO 23161 and derivatisation with sodium diethyl dithiocarbamate followed by GC/MS analysis	0.01mg/kg
Organotin Compounds	Dimethyltin (DMT)	NA		0.01 µg/L		0.01mg/kg
Organotin Compounds	Trimethyltin (TMT)	NA		0.01 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Organotin Compounds	Monobutyltin (MBT)	1118-46-3		0.01 µg/L		0.01mg/kg
Organotin Compounds	Dibutyltin (DBT)	1002-53-5		0.01 µg/L		0.01mg/kg
Organotin Compounds	Tributyltin (TBT)	56573-85-4		0.01 µg/L		0.01mg/kg
Organotin Compounds	Monophenyltin (MPHT)	NA		0.01 µg/L		0.01mg/kg
Organotin Compounds	Diphenyltin (DPHT)	1011-95-6		0.01 µg/L		0.01mg/kg
Organotin Compounds	Triphenyltin (TPHT)	668-34-8, 892-20-6		0.01 µg/L		0.01mg/kg
Organotin Compounds	Monooctyltin (MOT)	15231-57-9		0.01 µg/L		0.01mg/kg
Organotin Compounds	Diocetyltn (DOT)	94410-05-6, 12531-44-4		0.01 µg/L		0.01mg/kg
Organotin Compounds	Triocetyltn (TOT)	NA		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Tetraethyltin (TeET)	597-64-8		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Dipropyltin (DPT)	NA		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Tripropyltin (TPT)	NA		0.01 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Organotin Compounds	Tetrabutyltin (TeBT)	1461-25-2		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Tricyclohexyltin (TCyT)	3091-32-5		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Bis(tributyltin) oxide (TBTO)	56-35-9		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Dibutyltin dichloride (DBTC)	683-18-1		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Dibutyltin hydrogen borate (DBB)	75113-37-0		0.01 µg/L		0.01mg/kg
*Organotin Compounds	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)^	15571-58-1		0.01 µg/L		0.01mg/kg
*Organotin Compounds	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-	NA		0.01 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
	stannatetradecanoate (reaction mass of DOTE and MOTE)^					
Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFOS	1763-23-1	DIN 38407-42 (modified) Ionic PFC: Concentration or direct injection, LC/ MS(-MS); Non-ionic PFC (FTOH): derivatisation with acetic nhydride followed by GC/MS	0.01 µg/L	(Non-ionic) With reference to DIN38407-42 and derivatisation with acetic anhydride followed by GC/MS analysis (Ionic) With reference to DIN38407-42 followed by LCMS or LC/MS(-MS) analysis	0.001mg/kg
Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFOA	335-67-1		0.01 µg/L		0.001mg/kg
Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFBS	375-73-5, 59933-66-3		0.01 µg/L		0.001mg/kg
Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFHXA	307-24-4		0.01 µg/L		0.001mg/kg
Perfluorinated and	8:2 FTOH	678-39-7		0.1 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polyfluorinated Chemicals (PFCs)						
Perfluorinated and Polyfluorinated Chemicals (PFCs)	6:2 FTOH	647-42-7		0.1 µg/L		0.01mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFNA	375-95-1		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	POSF	307-35-7				0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	APFO	3825-26-1		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	4:2 FTOH	2043-47-2		0.1 µg/L		0.01mg/kg
*Perfluorinated and	10:2 FTOH	865-86-1		0.1 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polyfluorinated Chemicals (PFCs)						
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFHXS	355-46-4		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFOSA	754-91-6		0.1 µg/L		0.01mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	N-Me-FOSA	31506-32-8		0.1 µg/L		0.01mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	N -Et-FOSA	4151-50-2		0.1 µg/L		0.01mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	N-Me-FOSE alcohol	24448-09-7		0.1 µg/L		0.01mg/kg
*Perfluorinated and	N-Et-FOSE alcohol	1691-99-2		0.1 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polyfluorinated Chemicals (PFCs)						
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFBA	375-22-4		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFPeA	2706-90-3		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFHpA	375-85-9		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFDA	335-76-2		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFUnA	2058-94-8		0.01 µg/L		0.001mg/kg
*Perfluorinated and	PFDoA	307-55-1		0.01 µg/L		0.001mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polyfluorinated Chemicals (PFCs)						
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFTTrA	72629-94-8		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFTeA	376-06-7		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFHpS	375-92-8		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PFDS	335-77-3		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	6:2 FTA	17527-29-6		0.1 µg/L		0.01mg/kg
*Perfluorinated and	8:2 FTA	27905-45-9		0.1 µg/L		0.01mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polyfluorinated Chemicals (PFCs)						
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	10:2 FTA	17741-60-5		0.1 µg/L		0.01mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	PF-3,7-DMOA	172155-07-6		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	HPFHpA	1546-95-8		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	4HPFUnA	34598-33-9		0.01 µg/L		0.001mg/kg
*Perfluorinated and Polyfluorinated Chemicals (PFCs)	1H, 1H, 2H, 2H- PFOS	27619-97-2		0.01 µg/L		0.001mg/kg
Phthalates	Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7		1 µg/L	With reference to USEPA 3540/3541, USEPA 3550,	0.3 mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Phthalates	Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	US EPA 8270D, ISO 18856 Dichloromethane extraction GC/MS	1 µg/L	USEPA 3560, ISO 18856 or solvent extraction followed by GC/MS analysis	0.3 mg/kg
Phthalates	Di-N-Octyl Phthalate (DNOP)	117-84-0		1 µg/L		0.3 mg/kg
Phthalates	Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1		1 µg/L		0.3 mg/kg
Phthalates	Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0		1 µg/L		0.3 mg/kg
Phthalates	Di-N-Hexyl Phthalate (DNHP)	84-75-3		1 µg/L		0.3 mg/kg
Phthalates	Di-Butyl Phthalate (DBP)	84-74-2		1 µg/L		0.3 mg/kg
Phthalates	Benzyl Butyl Phthalate (BBP)	85-68-7		1 µg/L		0.3 mg/kg
Phthalates	Dinonyl phthalate (DNP)	84-76-4		1 µg/L		0.3 mg/kg
Phthalates	Diethyl Phthalate (DEP)	84-66-2		1 µg/L		0.3 mg/kg
Phthalates	Di-n-propyl phthalate (DPRP)	131-16-8		1 µg/L		0.3 mg/kg
Phthalates	Di-Iso-Butyl Phthalate (DIBP)	84-69-5		1 µg/L		0.3 mg/kg
Phthalates	Di-cyclohexyl phthalate (DCHP)	84-61-7		1 µg/L		0.3 mg/kg
Phthalates	Di-iso-octyl phthalate (DIOP)	27554-26-3		1 µg/L		0.3 mg/kg
Phthalates	1,2-Benzenedicarboxylic acid, Di-C7-11 Branched and Linear Alkyl Esters (DHNUP)	68515-42-4		1 µg/L		0.3 mg/kg
Phthalates	Di-Iso-Hexyl Phthalate (DIHP)	71888-89-6		1 µg/L		0.3 mg/kg
*Phthalates	Di-pentylphthalate (DnPP)	131-18-0		1 µg/L		0.3 mg/kg
*Phthalates	Dimethyl phthalate (DMP)	131-11-3		1 µg/L		0.3 mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wasterwater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Phthalates	Di-hexyl Phthalate, branched and linear, DHxP (DHP)	68515-50-4		1 µg/L		0.3 mg/kg
*Phthalates	n-Pentyl-isopentyl phthalate (nPIPP)	776297-69-9		1 µg/L		0.3 mg/kg
*Phthalates	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (DPP)	84777-06-0		1 µg/L		0.3 mg/kg
*Phthalates	Di-iso-hexylphthalate (DIHxP)	71850-09-4		1 µg/L		0.3 mg/kg
*Phthalates	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5, 68648-93-1		1 µg/L		0.3 mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]pyrene (BaP)	50-32-8	US EPA 8270 DIN 38407-39 Solvent extraction GC/MS	1 µg/L	With reference to USEPA 3540/3541, USEPA 3550, USEPA 3560, USEPA 3650, USEPA 8270 or solvent extraction followed by GC/MS analysis	10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Anthracene	120-12-7		1 µg/L		10mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polycyclic Aromatic Hydrocarbons (PAHs)	Pyrene	129-00-0		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[ghi]perylene	191-24-2		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[e]pyrene	192-97-2		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Indeno[1,2,3-cd]pyrene	193-39-5		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[j]fluoranthene	205-82-3		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[b]fluoranthene	205-99-2		1 µg/L		10mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polycyclic Aromatic Hydrocarbons (PAHs)	Fluoranthene	206-44-0		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[k]fluoranthene	207-08-9		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthylene	208-96-8		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Chrysene	218-01-9		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenz[a,h]anthracene	53-70-3		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]anthracene	56-55-3		1 µg/L		10mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	83-32-9		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Phenanthrene	85-01-8		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Fluorene	86-73-7		1 µg/L		10mg/kg
Polycyclic Aromatic Hydrocarbons (PAHs)	Naphthalene	91-20-3		1 µg/L		10mg/kg
*Polycyclic Aromatic Hydrocarbons (PAHs)	Cyclopenta[c,d]pyrene	27208-37-3		1 µg/L		10mg/kg
*Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,e]pyrene	192-65-4		1 µg/L		10mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,h]pyrene	189-64-0		1 µg/L		10mg/kg
*Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,i]pyrene	189-55-9		1 µg/L		10mg/kg
*Polycyclic Aromatic Hydrocarbons (PAHs)	Dibenzo[a,l]pyrene	191-30-0		1 µg/L		10mg/kg
*Polycyclic Aromatic Hydrocarbons (PAHs)	1-Methylpyrene	2381-71-7		1 µg/L		10mg/kg
Volatile Organic Compounds (VOCs)	Benzene	71-43-2	USEPA 8260B, USEPA 8270D, ISO 11423-1, Purge&Trap, Head-space or Solvent extraction followed by GC/MS analysis	1 µg/L	With reference to USEPA 5035, USEPA 5021, USEPA 8260, DIN 38407 Part 43 or solvent extraction followed by GC/MS analysis	0.1mg/kg
Volatile Organic Compounds (VOCs)	Xylene	1330-20-7		1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Volatile Organic Compounds (VOCs)	o-cresol	95-48-7		1 µg/L		20 mg/kg
Volatile Organic Compounds (VOCs)	p-cresol	106-44-5		1 µg/L		20 mg/kg
Volatile Organic Compounds (VOCs)	m-cresol	108-39-4		1 µg/L		20 mg/kg
*Volatile Organic Compounds (VOCs)	Toluene	108-88-3		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Acetophenone	98-86-2		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	N,N-dimethylformamide	68-12-2		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	2-phenyl-2-propanole	617-94-7		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	N,N-dimethylacetamide	127-19-5		1 µg/L		20 mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Volatile Organic Compounds (VOCs)	Formamide	75-12-7		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Vinyl chloride	75-01-4		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	1,3-Butadiene	106-99-0		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Methanol	67-56-1		1 µg/L		20 mg/kg
*Volatile Organic Compounds (VOCs)	1,2-dibromomethane	106-93-4		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	1-bromopropane; n-propyl bromide	106-94-5		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Bromomethane	74-96-4		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	2-bromopropane	75-26-3		1 µg/L		0.1mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wastewater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
*Volatile Organic Compounds (VOCs)	2-methoxypropanol	1589-47-5		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	2-methoxypropyl acetate	70657-70-4		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Cyclododecane	294-62-2		1 µg/L		0.1mg/kg
*Volatile Organic Compounds (VOCs)	Ethanol	64-17-5		1 µg/L		20 mg/kg
*Volatile Organic Compounds (VOCs)	N-methylformamide	123-39-7		1 µg/L		20 mg/kg
*Volatile Organic Compounds (VOCs)	Phenol	108-95-2		1 µg/L		20 mg/kg
*Volatile Organic Compounds (VOCs)	Formaldehyde	50-00-0	With reference to USEPA 8315A or Solvent extraction with HPLC analysis or Distillation followed by UV analysis	1 µg/L	With reference to USEPA 8315A or Solvent extraction with HPLC analysis or Distillation followed by UV analysis	20 mg/kg

Chemical Class	Substance Name	CAS No.	Wastewater Test Methods	Incoming Water/ Wasterwater before process/after process	Sludge Test Methods	Sludge
				Reporting Limit		Reporting Limit
Remark:						
All substances listed is extended from ZDHC Wastewater guidelines which includes Tesco RSiT.						
*Substances for Tesco RSiT						
^Based on the calculation of selected element(s) and to the worst-case scenario						

Back to [Content](#)