2019 Kontoor Brands, Inc. Restricted Substance List (RSL)

Supplier Policy

Applicable to all products of Kontoor Brands, Inc. or any of its subsidiaries

Introduction

The Restricted Substance List (RSL) applies to all Products¹, including but not limited to apparel, footwear, equipment, accessories and other products of value for Kontoor Brands, Inc. and its subsidiaries and brans (collectively, "Kontoor Brands"). The RSL also applies to all Raw Materials², parts, trims, sundries, chemicals and other goods supplied or used in the manufacture of Kontoor Brands Products.

The RSL is an integral part of quality and safety programs and must be shared with all vendors, suppliers and other players throughout the product supply chain.

Each supplier of Kontoor Brands Product or Raw Material represents and warrants that each of its materials (whether a Product or Raw Material) complies with all provisions of the RSL (including, but not limited to, the RSL prohibitions, restrictions and other requirements) and that the supplier agrees to indemnify and hold harmless Kontoor Brands and its subsidiaries and brands from any claim, loss, damage or other detriment, resulting from any such supplier's non-compliance.

We require our suppliers and business partners to study this document carefully, implement management processes in their operations to comply with these requirements (including a verification process), and communicate the information to their internal teams and raw material suppliers.

We require each of our suppliers of Products or Raw Materials to certify their compliance to the 2019 Kontoor Brands RSL by executing the Supplier RSL Compliance Agreement (Section 1 of this document) and sending it to your respective Kontoor Brands sourcing manager.

Should you have any questions or concerns about this document, please do not hesitate to contact Kontoor Brands Product Stewardship Team listed in Appendix 1, or the general Kontoor Brands RSL mailbox (rsl@kontoorbrands.com).

¹ Kontoor Products encompasse all raw materials, including all chemical substances, and all other goods, provided to Kontoor or its suppliers or finishing contractors for use in the manufacture or assembly of any finished product manufactured for, labelled by, offered for sale by, sold by, or distributed by, Kontoor or any of its subsidiaries. These include apparel, non-apparel, footwear, accessories, equipment and all other items sold by, for, or on behalf of Kontoor Brands, Inc. or one if its subsidiaries.

² Raw Materials are defined by any material or intermediary material used in the manufacture of a Kontoor Product. Examples of Raw Materials include fabrics (natural or synthetic), leather, plastic parts, metal parts, chemicals, paint, rope, string, buttons, zippers, snaps, or any other good used in the production of a Kontoor Product.

Table of Contents

INTRODUCTION	2
TABLE OF CONTENTS	3
SECTION 1: KONTOOR BRANDS 2019 RSL COMPLIANCE AGREEMENT	5
SECTION 2: SUBSTANCES WHICH MAY BE FOUND IN SOME PRODUCTS	7
A: AROMATIC AMINES FROM AZO DYES	8
A1: AROMATIC AMINES SALTS	<u>c</u>
B: Disperse Dyes and Other Dyes	10
C: Metals	11
D: Phthalates	14
E: Auxiliary Substances	15
F: Organotin Compounds	
G: ALKYL PHENOLS AND ALKYL PHENOL ETHOXYLATES (APS AND APEOS)	16
H: POLYCYCLIC AROMATIC HYDROCARBONS (PAH)	
I: SOLVENTS AND VOLATILE ORGANIC COMPOUNDS (VOCS)	
J: Chlorinated Aromatics	
K: Flame Retardants	
L: RESTRICTIONS ON PACKAGING	
M: ELECTRICAL AND ELECTRONIC EQUIPMENT	
N: FOOD CONTACT MATERIALS	
O: N-Nitrosamines – Shoe Sole Materials and Toys	
P: Others	
Q: Phase-Out and Unintentionally Present Substances	25
SECTION 3: SUBSTANCES WHICH ARE NOT LIKELY FOUND IN PRODUCTS	27
A: DIOXINS AND FURANS	27
B: Asbestos	28
C: Pesticides	28
D: Other Organic Chemicals	30
SECTION 4: AIR AND GAS FILLED PRODUCTS	31
A: Fluorinated greenhouse gases	31
B: CLASS I OZONE DEPLETING SUBSTANCES	
C: CLASS II OZONE DEPLETING SUBSTANCES	
SECTION 5: LIQUID FILLED PRODUCTS	34
SECTION 6: REACH-EU'S REGULATION CONCERNING THE REGISTRATION, EVALUA	ATION,
AUTHORISATION AND RESTRICTION OF CHEMICALS	35
A: REACH–European Regulation No 1907/2006	35
B: Ownership and Key Elements of REACH	
C: Obligations under REACH	36
D: Substances of Very High Concern	36
E: Useful links	44
SECTION 7: BIOCIDES	46
A: BIOCIDE PRODUCT REGULATION (BPR) – EU REGULATION NO. 528/2012	46
B: Definitions within the BPR	
C: IMPORTANT ASPECTS OF THE BPR	
D: Important Links	48

E: US BIOCIDE REGULATION: FEDERAL INSECTICIDE, FUNGICIDE, AND KODENTICIDE ACT (FIFKA)	49
SECTION 8: CPSIA - UNITED STATES CONSUMER PRODUCT SAFETY IMPROVEMENT ACT	51
A: Scope	51
B: CERTIFICATIONS SECTION 9: RSL PRODUCT TESTING GUIDANCE	
SECTION 9: RSL PRODUCT TESTING GUIDANCE	
APPENDIX 1: KONTOOR BRANDS PRODUCT STEWARDSHIP CONTACTS	
APPENDIX 2: DEFINITIONS	
APPENDIX 3: REPORTING LIMITS	
APPENDIX 4: INDEX OF CAS NUMBERS	

Section 1: Kontoor Brands 2019 RSL Compliance Agreement

Kontoor Brands and each of its subsidiaries, business units and brands (collectively, "Kontoor") requires each supplier of Kontoor Brands Products or Raw Materials to confirm its understanding of the Kontoor Brands Restricted Substance List (RSL) by executing the following Kontoor Brands 2019 RSL Supplier Compliance Agreement. Each supplier of a Kontoor Brands Product or Raw Material represents and warrants that each of its materials complies with all provisions of the RSL (including, but not limited to, the RSL prohibitions, restrictions and other requirements) and that the supplier will indemnify and hold harmless Kontoor Brands from any claim, loss, damage or other detriment, resulting from any such supplier's non-compliance.

We require our suppliers and business partners to study this document carefully, implement management and verification (testing and auditing) processes in their operations to comply with these requirements, and communicate the information to their internal teams and raw material suppliers.

We require each of our suppliers of Kontoor Brands Products or Raw Materials to certify their compliance to the 2019 Kontoor Brands RSL by executing the Supplier RSL Compliance Agreement (Section 1 of this document) and sending the executed agreement to your respective Kontoor Brands sourcing manager.

The effective implementation date of this document is April 1, 2019. All suppliers are required to fill out all info fields at the bottom part of the Kontoor Brands 2019 RSL Compliance Agreement (p.6).

Kontoor Brands 2019 RSL Supplier Compliance Agreement

We understand that Kontoor Brands Restricted Substance List program is an important aspect of the business of Kontoor Brands, Inc. and its subsidiaries and brands (collectively, "Kontoor Brands") and adds significant value to Kontoor Brands. Accordingly, we hereby declare and agree that:

- We have received, read, fully understand and will keep fully apprised of Kontoor Brands Restricted Substance List, including its prohibitions, limitations and requirements, as published in 2019 and as it may be amended from time to time, hereafter the "RSL";
- Compliance with the RSL is a condition to and incorporated in each and every order placed by Kontoor Brands or one of Kontoor Brands's subsidiaries or business units; each shipment constitutes our warranty that the materials, parts, chemicals and other goods shipped by us fully comply with the RSL;
- We understand and agree that every order Kontoor Brands gives us is in reliance on this agreement;
- We certify that each current and future material, part, chemical and other good, that we supply or otherwise deliver to Kontoor Brands meets, and will continue to meet, each prohibition, limitation and other requirement of the RSL;
- Kontoor Brands reserves the right, but not the obligation, to test, by the RSL-specified method, or other appropriate method, any ordered material, part, chemical and other good, at any time or stage of production;
- We agree to keep available for at least ten (10) years from the delivery date of any order to Kontoor Brands, all information concerning any substances we use in manufacturing Kontoor Brands's orders.
- Failure to comply with the RSL is a material breach of any agreement we have with Kontoor Brands, notwithstanding any other term of that agreement;
- We do and will continue to hold Kontoor Brands, its agents and its employees harmless against, and will defend and indemnify Kontoor Brands, its agents and its employees against, any and all claims, losses, liabilities, expenses, and damages, including reasonable attorney's fees and costs, caused by our failure to comply with any prohibition, limitation or other requirement of the RSL or this Agreement.

The undersigned is an owner, director, officer or managing agent, authorized to agree to and sign this Agreement on behalf of the company identified below.

Printed name:	 Company:	
Position:		
	Address:	
Signature:		
E-mail Address:	 Date:	

Send the executed Compliance Agreement to the attention of Kontoor Brands Product Stewardship Team Contact as specified in Appendix 1 or e-mail it to rsl@kontoorbrands.com

FOREWORD

For dated test methods, only the edition cited applies. For undated references, the latest edition of the referenced test methods (including any amendments) applies.

Section 2: Substances Which May Be Found in Some Products

This section lists the substances which may be found in Kontoor Brands Products and are of primary focus for Kontoor Brands and its subsidiaries. The substances, limit values and test methods listed in Section 2 shall be diligently studied and understood by each supplier of a Kontoor Brands Product or Raw Material. Each supplier must develop a management system to ensure all materials produced meet each and every requirement of this Section.

This section contains limitation on the following groups of substances or substance restrictions based on product type:

- Aromatic Amines from Azo Dyes
- Disperse and Other Dyes
- Metals
- Phthalates
- Auxiliary Substances
- Organotin Compounds
- Alkyl Phenols and Alkyl Phenol Ethoxylates (APs and APEOs)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Solvents and Volatile Organic Compounds (VOCs)
- Chlorinated Aromatics
- Flame Retardants
- Restrictions on Packaging
- RoHS Electrical and Electronic Equipment
- Batteries
- Food Contact Materials
- N-Nitrosamines Shoe Sole Materials and Toys
- Others
- Phase-Out and Unintentionally Present Substances

RECYCLED MATERIAL

Products manufactured with recycled material (fibers, polymers, down) have to fulfil the requirements defined by this RSL. Vendors and suppliers have to set in place and agree with Kontoor Brands on an appropriate testing program to guarantee compliance on all production and batches of recycled material.

A: Aromatic Amines from Azo Dyes

Chemical Substance	CAS	Limit Value	Test Method ⁴
[24 substances]	Number	Final	
		Product	
		(mg/kg) ³	
4-Aminoazobenzene ⁵	60-09-3		
o-Aminoazotoluene	97-56-3		
4-Aminodiphenyl	92-67-1		
2-Amino-4-nitrotoluene	99-55-8		
o-Anisidine	90-04-0		
Benzidine	92-87-5		<u>Textile:</u>
p-Chloroaniline	106-47-8		ISO 14362-1
4-Chloro-o-toluidine	95-69-2		
p-Cresidine	120-71-8		Natural leather:
2,4-Diaminoanisole	615-05-4		ISO 17234-1
4,4´-Diamino-diphenylmethane	101-77-9		
3,3´-Dichlorobenzidine ⁷	91-94-1	20 ⁶	Products for China
3,3´-Dimethoxybenzidine	119-90-4		market:
3,3´-Dimethylbenzidine	119-93-7		China Standard GB 18401
3,3´-Dimethyl-4,4´-diamino-	838-88-0		Textile:
diphenylmethane	636-66-0		GB/T 17592
4,4'-Methylene-bis-(2-chloraniline)	101-14-4		GB/1 17332
2-Naphthylamine	91-59-8		China Standard GB 20400
4,4'-Oxydianiline	101-80-4		Natural leather:
4,4'-Thiodianiline	139-65-1		GB/T 19942
2,4-Toluenediamine	95-80-7		
o-Toluidine	95-53-4		
2,4,5-Trimethylaniline	137-17-7		
2,4-Xylidine	95-68-1		
2,6-Xylidine	87-62-7		

_

³ The concentration limit is set for each substance as measured on the final product and represents the maximum allowable amount of the respective substance which is allowable in a RSL-compliant product. Any reference to the term "Usage Ban" indicates that the substance for which there is a usage ban is prohibited from use but that an acceptable trace amount is allowed up to the designated trace value ("TR"). Any reference to the term "Not Detected" indicates that the substance must not be detected in the final product.

⁴ The test method indicated shall be used by the approved laboratory to determine compliance with the RSL. The method's Reporting Limit is provided with designation ("RL").

⁵ For analysis of 4-Aminoazobenzene, use test method ISO 14362-3 or GB/T 23344 for textiles and ISO 17234-2 for leather.

⁶ The testing laboratory shall report all listed aromatic amines found between the 5 mg/kg RL and the 20 mg/kg limit value in the final product.

⁷ 3,3'-Dichlorobenzidine has been reported to be found when printing using a combination of Pigment Black 7 with either Pigment Orange 13 or Pigment Orange 34. This combination of pigments shall be avoided.

A1: Aromatic Amines salts

Chemical Substance [4 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
4-Chloro-o-toluidinium chloride	3165-93-3		
2-Naphthylammoniumacetate	553-00-4		
4-Methoxy-m-phenylene diammonium sulphate; 2,4-Diaminoanisole sulphate	39156-41-7	30	<u>Textile:</u> ISO 14362-1
2,4,5-Trimethylaniline hydrochloride	21436-97-5		

B: Disperse Dyes and Other Dyes

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Disperse Dyes [23 substance	es]		
Disperse Blue 1	2475-45-8		
Disperse Blue 3	2475-46-9		
Disperse Blue 7	3179-90-6		
Disperse Blue 26	3860-63-7		
Disperse Blue 35	12222-75-2		
Disperse Blue 102	12222-97-8		
Disperse Blue 106	12223-01-7		
Disperse Blue 124	61951-51-7		
Disperse Brown 1	23355-64-8		
Disperse Orange 1	2581-69-3		
Disperse Orange 3	730-40-5		
Disperse Orange 11	82-28-0		
Disperse Orange 37/ 59/ 76	12223-33-5		
	13301-61-6		
Disperse Orange 149	85136-74-9		
Disperse Red 1	2872-52-8	Not Detected	
Disperse Red 11	2872-48-2	Not Detected	DIN 54231
Disperse Red 17	3179-89-3		
Disperse Yellow 1	119-15-3		
Disperse Yellow 3	2832-40-8		
Disperse Yellow 9	6373-73-5		
Disperse Yellow 23	6250-23-3		
Disperse Yellow 39	12236-29-2		
Disperse Yellow 49	54824-37-2		
Other Dyes [9 substances]			
Acid Red 26	3761-53-3		
Basic Red 9	569-61-9		
Basic Violet 3 with ≥ 0,1 % of Michler's ketone	548-62-9]	
Basic Violet 14	632-99-5		
Direct Black 38	1937-37-7		
Direct Blue 6	2602-46-2		
Direct Red 28	573-58-0		
Direct Brown 95	16071-86-6		
Blue Colorant ⁸	Not allocated	1,000 ⁹	

_

⁸ An azo colorant that is a mixture of: disodium(6-(4-anisido)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-2-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtolato)chromate(1-)-CAS Number 118685-33-9 and trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtolato)chromate(1-)-No allocated CAS number. (Blue colorant: CAS Number 'Not allocated', Index number 611-070-00-2, EC number 405-665-4).

⁹ European Union REACH regulation (EC) No 1907/2006 and Norway.

C: Metals

C1: Metal Restrictions for All Base Textile Materials and Fabrics

(including natural, synthetic, leather, surface coatings and paints)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)		Test Method
Extractable Metal C	ontent ¹⁰	Non-Leather	Leather	
Antimony (Sb)	7440-36-0	30	30	
Arsenic (As)	7440-38-2	Usage Ban [TR=0.2]	Usage Ban [TR=0.2]	
Cadmium (Cd)	7440-43-9	Usage Ban [TR=0.1]	Usage Ban [TR=0.1]	Non-Leather:
Chromium, Hexavalent Cr(VI)	18540-29-9	N/A	Non Detected [RL=3]	EN 16711-2
Chromium (Cr)	7440-47-3	1	N/A	<u>Leather:</u>
Cobalt (Co)	7440-48-4	1	4	ISO 17072-1
Copper (Cu) ¹²	7440-50-8	25	50	for all listed metals
Lead (Pb)	7439-92-1	Usage Ban [TR=0.2]	Usage Ban [TR=0.2]	ISO 17075 for Cr(VI) ¹¹
Mercury (Hg)	7439-97-6	Usage Ban [TR=0.02]	Usage Ban [TR=0.02]	
Nickel (Ni) ¹²	7440-02-0	1	N/A	
Total Metal Cont	ent ¹³	Non-Leather	Leather	
Cadmium (Cd)	7440-43-9	40		EN 16711-1 or acid digestion
Lead (Pb)	7439-92-1	90		CPSC-CH-E1002-08 in non-metal CPSC-CH-E1003-09 in paint and surface coating

¹⁰ Extractable Metal Content: sample is extracted with aqueous solution/acid, and the metal content is determined from the extract.

¹¹ ISO 17075-2 determination of chromium(VI) content in leather by chromatography is less affected by interferences; therefore is to be preferred rather than ISO 17075-1.

¹² Materials used for RFID applications may contain copper and/or nickel serving a functional purpose. The limits listed may not be applicable. Please contact Kontoor Brands Product Stewardship Team Contact (Appendix 1) for further guidance.

¹³ On Children's product (Aged 12 or under), including children's apparel", the following substances are prohibited (usage ban): Antimony, Arsenic, Cadmium, Cobalt, Lead Mercury and Benzene. Please consult Kontoor Brands Product Stewardship Team (Appendix 1) to determine the appropriate TR values for the Usage ban of Antimony for this particular product category.

C2: Metal Restrictions for All Parts, Metal and Non-Metal

(including sundries, trims, buckles, toys¹⁴, plastic parts, plastic fabrics, surface coatings and paints)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Extractable Meta	al Content	Children	
Antimony (Sb)	7440-36-0	60	
Arsenic (As)	7440-38-2	25	
Barium (Ba)	7440-39-3	1,000	
Cadmium (Cd)	7440-43-9	75 ¹⁵	ASTM F963
Chromium (Cr)	7440-47-3	60	EN 71-3
Lead (Pb)	7439-92-1	90	
Mercury (Hg)	7439-97-6	60	
Selenium (Se)	7782-49-2	500 ¹⁶	
Nickel (Ni) ¹⁷	7440-02-0	Children and Adult	EN 1811 ¹⁸
Mickel (MI)	7440-02-0	0.5 μg/cm²/week	EN 16128 ¹⁹
Total Metal C	ontent	Children & Adult	
Cadmium (Cd)	7440-43-9	40	EN 16711-1 or acid digestion
			ASTM F2853
			in paint and surface coating
			GAFTI Modified CPSC-CH-
			E1001-08
Lead (Pb)	7439-92-1	90	in metal
			CPSC-CH-E1002-08
			in non-metal
			CPSC-CH-E1003-09
			in paint & surface coating

¹⁴ Toys, toy components and toy materials must be reviewed by Kontoor Brands Product Stewardship Team to determine all appropriate requirements. They are required to meet various chemical requirements and are also subject to pass strict mechanical and product safety testing.

¹⁵ For textiles in toys, the limit for Cadmium has been set to 17 mg/kg; ref. EN 71-3.

¹⁶ For textiles in toys, the limit for Selenium has been set to 460 mg/kg; ref. EN 71-3.

¹⁷ The Nickel release only needs to be tested for those parts that are in direct and prolonged skin contact.

¹⁸ For non-coated metallic parts or metallic parts with nickel containing surface coating, test in accordance with method EN 1811. For metallic parts with non-nickel containing surface coating or plating, perform EN 12472 then test in accordance with method EN 1811. The same limit applies regardless of the test method used.

¹⁹ Method EN 16128 is for those parts of spectacle frames and sunglasses intended to come in close and prolonged contact with the skin. Kontoor Brands accept as proof of conformity only test results based on the EN 12472 **simulation of wear** and subsequent **migration test** according to EN 16128. Results based on the EIS **coating test** won't be considered valid.

C3: Metal Restrictions for All Jewelry

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Extractable Meta	l Content ²⁰	Children and Adult	
Antimony (Sb)	7440-36-0	60	
Arsenic (As)	7440-38-2	25	
Barium (Ba)	7440-39-3	1,000	
Cadmium (Cd)	7440-43-9	75	ASTM F963
Chromium (Cr)	7440-47-3	60	EN 71-3
Lead (Pb)	7439-92-1	90	
Mercury (Hg)	7439-97-6	60	
Selenium (Se)	7782-49-2	500	
Nickel (Ni), non-pierced ²¹	7440-02-0	0.5 μg/cm²/week	EN 1811 ²²
Nickel (Ni), pierced	7440-02-0	0.2 μg/cm²/week]
Total Metal C	ontent	Children and Adult	
Cadmium (Cd)	7440-43-9	40	EN 16711-1 or acid digestion
Lead (Pb)	7439-92-1	40	ASTM F2853 in paint and surface coating GAFTI Modified CPSC-CH-E1001-08 in metal CPSC-CH-E1002-08 in non-metal CPSC-CH-E1003-09 in paint and surface coating

²⁰ Extractable Metal Content: sample is extracted with aqueous solution/acid, and the metal content is determined from the extract.

²¹ Test on component level.

²² For metallic parts without a surface coating or plating, test in accordance with method EN 1811. For metallic parts with a surface coating or plating, perform EN 12472 then test in accordance with method EN 1811. The same limit applies regardless of the test method used.

D: Phthalates

Chemical Substance [21 substances]	CAS Number	Limit Value Final Product (mg/kg)		Test Method
		All Products	Toys, Childcare and Children's products	
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7			
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8			
Butyl benzyl phthalate (BBP)	85-68-7			
Dibutyl phthalate (DBP)	84-74-2			
Dicyclohexyl phthalate (DCHP)	84-61-7			
Di-heptyl, nonyl, undecyl phthalate (DHNUP)	68515-42-4			
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4			
Di-iso-butyl phthalate (DIBP)	84-69-5	Ī		
Di ica danil abthalata (DIDD)	26761-40-0	Usage Ban		
Di-iso-decyl phthalate (DIDP)	68515-49-1	[TR=500	5	
Di-iso-heptyl phthalate (DIHP)	71888-89-6	each phthalate; 1,000	Usage Ban [TR=500] each phthalate;	
Di-iso-nonyl phthalate (DINP)	28553-12-0			GAFTI
	68515-48-0	total sum		
Di-n-hexyl phthalate (DnHP or DHEXP)	84-75-3	phthalates]	1,000	Modified
Di-n-octyl phthalate (DNOP)	117-84-0	pritrialates	total sum	CPSC-CH-
N-pentyl-iso-pentyl phthalate (NPIPP)	776297-69-9		phthalates]	C1001-09.4
1,2-Benzenedicarboxylic acid, dipentylester, branched & linear	84777-06-0		prictionates	
Di-iso-pentyl phthalate (DIPP)	605-50-5			
Di-n-pentyl phthalate (DnPP or DPENP)	131-18-0			
1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68648-93-1			
1,2-benzenedicarboxylic acid, di-C6- 10-alkyl esters	68515-51-5			
Diethyl phthalate (DEP)	84-66-2	Reporting	1	
		requirement	-	
Dimethyl phthalate (DMP)	131-11-3	Reporting requirement		
Other esters of orthophthalic acid ²³	Various	Reporting	Reporting	
other esters of orthophthalic acid	Various	requirement	requirement	

²³ The testing laboratory shall report all found phthalates, not only those restricted by the RSL.

E: Auxiliary Substances

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Formaldehyde ²⁴	50-00-0	Children: 20 Adults: (with direct skin contact): ²⁵ 75 Adults (without direct skin contact): ²⁶ 300	Textile: ISO 14184-1 Natural Leather: ISO 17226-1 Products for China market: GB/T 19941
Perfluorooctane sulfonate (PFOS) and its derivatives	1763-23-1 Various	Usage Ban [TR=1 μg/m²]	CEN/TS 15968
Perfluorooctanoic acid (PFOA) and its derivatives	335-67-1 Various	Usage Ban ²⁷ [TR=1 μg/m ²]	CEN/13 13500
Dimethyl fumarate (DMFu)	624-49-7	Usage Ban [TR=0.1]	ISO/TS 16186
Octamethylcyclotetrasiloxane (D4)	556-67-2	1,000	Solvent extraction / GC-MS
Decamethylcyclopentasiloxane (D5)	541-02-6	1,000	Solvent extraction / GC-MS
Dodecamethylcyclohexasiloxane (D6)	540-97-6	1,000	Solvent extraction / GC-MS

_

 $^{^{24}}$ EXCEPTION: For baby products (age 0 - 36 months) intended for the Japanese market, the formaldehyde concentration must be below an absorbency (A-A₀) limit of 0.05 using JIS L1041-2011, Method A.

²⁵ Direct skin contact: any part of the product (e.g.: collar, cuff, body, sleeves) that is in direct and prolonged contact with the skin (e.g.: leather gloves without inner lining) during normal use.

²⁶ Without direct skin contact: during normal use, only a portion of the product may occasionally contact the skin (e.g. leather jacket). The product must have a lining which meet the RSL requirements. Leather products without lining are considered as direct skin contact.

 $^{^{27}}$ Kontoor Brands has adopted the 1 µg/m² PFOA concentration restriction based on Norway's 2014 requirements and the EU limit of 25 ppb. Kontoor Brands acknowledges this restriction is the subject of ongoing political and scientific debate leading to frequent revisions. The implementation of this PFOA restriction is subject to change and will be implemented on a case-by-case basis. For the most current status, please contact Kontoor Brands at $\underline{rsl@kontoorbrands.com}$.

F: Organotin Compounds

Chemical Substance [9 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Dibutyltin (DBT) compounds	Various	1	
Tributyltin (TBT) compounds	Various	Not Dotostod	
Triphenyltin (TPhT) compounds	Various	Not Detected	
Dioctyltin (DOT) compounds	Various	1,000	
Monobutyltin (MBT) compounds	Various		100/TC 4.6470
Tricyclohexyltin (TCyHT) compounds	Various		ISO/TS 16179
Trimethyltin (TMT) compounds	Various	Reporting	
Trioctyltin (TOT) compounds	Various	requirement	
Tripropyltin (TPT) compounds	Various		
Other organotins ²⁸	Various	1	

G: Alkyl Phenols and Alkyl Phenol Ethoxylates (APs and APEOs)

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Nonylphenol (NP)	Various	Usage Ban	<u>Textile:</u>
Octylphenol (OP)	Various	[TR=100]	ISO 18254-1
Nonylphenol ethoxylate (NPEO)	Various	Usage Ban ²⁹	Natural Leather:
Octylphenol ethoxylate (OPEO)	Various	[TR=100]	ISO 18218-1

²⁸ The testing laboratory shall report all detected organotins.

²⁹ APEOs and APEO containing preparations are prohibited from use throughout supply chain and manufacturing processes. We recommend our suppliers to take actions outlined in Section Q2 of this RSL to reduce such residuals through processes.

H: Polycyclic Aromatic Hydrocarbons (PAH)

H1: PAH Restrictions for All Accessible Plastic and Rubber Parts

Chemical Substance [18 substances]	CAS Number	Limit Va Final Pro (mg/k	duct	Test Method
Benzo[a]pyrene	50-32-8]		
Benzo[e]pyrene	192-97-2			
Benzo[a]anthracene	56-55-3			
Chrysene	218-01-9	130		
Benzo[b]fluoranthene	205-99-2	[Each PAH]		
Benzo[j]fluoranthene	205-82-3			
Benzo[k]fluoranthene	207-08-9			
Dibenzo[a,h]anthracene	53-70-3			
Acenaphthene	83-32-9			AfPS GS 2014:01
Acenaphthylene	208-96-8			AIPS GS 2014.01
Anthracene	120-12-7			
Benzo[g,h,i]perylene	191-24-2	10		
Fluoranthene	206-44-0	10	DAUGI	
Fluorene	86-73-7	Sum of 18	PAUS	
Indeno[1,2,3-cd]pyrene	193-39-5]		
Naphthalene	91-20-3			
Phenanthrene	85-01-8			
Pyrene	129-00-0			

H2: PAH Restrictions for Toys and Childcare articles

The PAH concentration limit for toys and childcare articles is 0.5 mg/kg for each individual PAH limited at 1 mg/kg in the table H1 above.

³⁰ Any rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

I: Solvents and Volatile Organic Compounds (VOCs)

Chemical Substance [19 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method	
Benzene	71-43-2	Usage Ban [TR=5]		
Ethylbenzene	100-41-4			
Styrene	100-42-5			
Toluene	108-88-3			
Trichloromethane (Chloroform)	67-66-3			
Tetrachloromethane	56-23-5			
1,2-Dichloroethane	107-06-2		Solvent extraction/GC-MS or LC-MS	
1,1,1-Trichloroethane	71-55-6			
1,1,2-Trichloroethane	79-00-5			
1,1,1,2-Tetrachloroethane	630-20-6			
1,1,2,2-Tetrachloroethane	79-34-5	1,000	DMF:	
Pentachloroethane	76-01-7		ISO/TS 16189	
1,1-Dichloroethylene	75-35-4			
Trichloroethylene (TCE)	79-01-6			
Tetrachloroethene (Perchloroethylene)	127-18-4			
N,N-Dimethylacetamide (DMAC)	127-19-5]		
N,N-Dimethylformamide (DMF)	68-12-2			
N-Methylpyrrolidone (NMP)	872-50-4			
Carbon Disulfide	75-15-0			

J: Chlorinated Aromatics

J1: Chlorinated Phenols

Chemical Substance [10 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Pentachlorophenol (PCP)	87-86-5		
2,3,4,5-Tetrachlorophenol	4901-51-3	Not Detected	
2,3,4,6-Tetrachlorophenol	58-90-2	Not Detected	T411
2,3,5,6-Tetrachlorophenol	935-95-5		Textile:
2,3,4-Trichlorophenol	15950-66-0		§64 LFGB 82.02.8
2,3,5-Trichlorophenol	933-78-8		Natural leather:
2,3,6-Trichlorophenol	933-75-5	Reporting	ISO 17070
2,4,5-Trichlorophenol	95-95-4	requirement	130 17070
2,4,6-Trichlorophenol	88-06-2		
3,4,5-Trichlorophenol	609-19-8		

J2: Chlorinated Benzenes and Toluenes

Chemical Substance [14 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Chlorobenzene	108-90-7		
Dichlorobenzenes	Various		
Trichlorobenzenes	Various	Usage Ban	
Tetrachlorobenzenes	Various	[TR=4]	
Pentachlorobenzene	608-93-5		
Hexachlorobenzene	118-74-1		
Chlorotoluenes	Various		DIN 54232
Dichlorotoluenes	Various		DIN 34232
Trichlorotoluenes	Various	Usage Ban	
Tetrachlorotoluenes	Various	[TR=4]	
Pentachlorotoluene	877-11-2		
α-Chlorotoluene	100-44-7	1	
α,α,α-Trichlorotoluene	98-07-7	1	
$\alpha,\alpha,\alpha,4$ -Tetrachlorotoluene	5216-25-1	1	

K: Flame Retardants

K1: Flame Retardant Restrictions For All Products – Subject to the Further Specific Bans and Limitations in Sections K2 and K3

Chemical Substance [20 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Chlorinated paraffins (SCCP) (C10-C13) Hexabromocyclododecane (HBCDD) ³¹ Polybrominated biphenyls (PBBs) Tetrabromodiphenyl ether (tetraBDE) Penta-bromodiphenyl ether (pentaBDE) Hexa-bromodiphenyl ether (hexaBDE) Hepta-bromodiphenyl ether (heptaBDE) Octa-bromodiphenyl ether (octaBDE) Deca-bromodiphenyl ether (decaBDE) Tetrabromobisphenol A (TBBP A) Tri-o-cresyl phosphate Tris (2,3-dibromopropyl) phosphate (TRIS) Bis (2,3-dibromopropyl) phosphate (TCEP) Tris (1,3-dichloro-2-propyl) phosphate (TDCPP) 2,2-Bis(bromomethyl)-1,3-propanediol Trimethyl phosphate (TMP)	85535-84-8 25637-99-4 59536-65-1 5436-43-1, 40088-47-9 32534-81-9 68631-49-2, 207122-15-4, 36483-60-0 446255-22-7 207122-16-5, 68928-80-3 32536-52-0 1163-19-5 79-94-7 78-30-8 126-72-7 5412-25-9 115-96-8 13674-87-8	Usage Ban [TR=5]	Solvent extraction/ GC-MS or LC-MS ISO 17881-1 ISO 17881-2
Trixylyl phosphate (TXP) Tris (1-aziridinyl)-phosphate oxide (TEPA)	25155-23-1 545-55-1	1,000 Usage Ban [TR=5]	KOH digestion/ HS analysis of aziridine fragment by GC-MS
Tris (1-chloro-2-propyl) phosphate (TCPP) All other polybrominated diphenyl ethers (PBDEs)	13674-84-5 Various	Reportir	ng requirement ³²

³¹ Hexabromocyclododecane includes hexabromocyclododecane (25637-99-4), 1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers (3194-55-6): alpha-hexabromocyclododecane (134237-50-6); beta-hexabromocyclododecane (134237-51-7); and gamma-hexabromocyclododecane (134237-52-8).

³² The testing laboratory shall report the presence of these substances when testing for flame retardants.

K2: Flame Retardant Restrictions for children's products

Chemical Substance [18 substances]	CAS Number	Limit Value Final	Test Method
		Product (mg/kg)	
Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8		
Tris (2-chloroethyl) phosphate (TCEP)	115-96-8		
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		
2-Ethylhexyl 2,3,4,5-Tetrabromobenzoate (TBB)	183658-27-7		
Bis (2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH)	26040-51-7		
Triphenyl phosphate (TPP)	115-86-6		
Tetrabromobisphenol A (TBBP A)	79-94-7		
Penta-bromodiphenyl ether (pentaBDE)	32534-81-9		ISO 17881-1 ISO 17881-2
Octa-bromodiphenyl ether (octaBDE)	32536-52-0	Usage Ban	
Deca-bromodiphenyl ether (decaBDE)	1163-19-5	[TR=5]	
2,2-Bis(Chloromethyl) Trimethylene	38051-10-4		
Bis[Bis(2-Chloromethyl) phosphate] (V6)			
4-(tert-butyl)phenyl diphenyl phosphate (MDPP)	56803-37-3		
di-tert-butylphenyl phenyl phosphate (DBPP)	65652-41-7		
Tris (4-tert-butylphenyl) phosphate (TBPP)	78-33-1		
	28777-70-0		
2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0		
Trimethyl phosphate (TMP)	512-56-1		
Trixylyl phosphate (TXP)	25155-23-1		
Other organohalogen Flame Retardants	Various		
Other Flame Retardants ³³	Various	Reporting	requirement

³³ The testing laboratory shall report the presence of any flame retardant chemical detected in any raw material, including any chemical substance, or any other goods, intended for use in any product

K3: Flame Retardant Restrictions for upholstered furniture and juvenile products for residential use^{34,35}

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
All flame retardants ³⁶	Various	Usage Ban ³⁷ [TR=5]	Solvent extraction/ GC-MS or LC-MS ISO 17881-1 ISO 17881-2

The design and bill of materials for each type of upholstered product and juvenile product intended to be manufactured, labelled, offered for sale, sold or distributed by Kontoor Brands, must be pre-approved by the Product Stewardship Team (see Appendix 1) before any of these activities occur.

The Kontoor Brands Product Stewardship Team approval process will include a screening program test intended to determine whether there is any flame retardant present in the product which would result in any non-compliance with applicable law.

The screening program test aims also to detect any chemical substance usage with a different primary function but which may also act as flame retardant.

³⁴ Juvenile product means a children's product intended for residential use, including but not limited to a bassinet, booster seat, changing pad, floor play mat, highchair, highchair pad, infant bouncer, infant carrier, infant seat, infant swing, infant walker, nursing pad, nursing pillow, playpen side pad, play yard, portable hook-on chair, stroller and children's nap mat.

³⁵ Flame retardants are banned in upholstered furniture and juvenile products children which are placed into market in the City of San Francisco (Ordinance No. 211-17). All upholstered furniture must be affixed with a label that meets the requirements of Section 19094 of the Business and Professions Code, and states that the item does not contain flame retardant chemical(s).

³⁶ The testing laboratory shall report the presence of any flame retardant chemical detected in any raw material, including any chemical substance, or any other goods, intended for use in any product.

³⁷ The intentional use of Flame Retardant is prohibited for upholstered furniture and juvenile products. Residual or trace concentrations may be found: contact Product Stewardship Team for further action.

L: Restrictions on Packaging

All packages, packaging components and packaged retail-ready products supplied to Kontoor Brands or otherwise used in the delivery of Kontoor Brands Products shall be in compliance with the following packaging restrictions.

A signed RSL Compliance Agreement serves as the packaging supplier's certification and the Kontoor Brands Product supplier's certification that associated packaging materials are in compliance with the packaging restrictions.

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Cadmium (Cd)	7440-43-9	Lleago Dan	
Lead (Pb)	7439-92-1	Usage Ban TR=100;	CEN/TR 13695-1
Chromium, Hexavalent Cr(VI)	18540-29-9	total sum] ³⁸	CEN/ IK 13093-1
Mercury (Hg)	7439-97-6	total sullij	
PVC	9002-86-2	Usage Ban	Beilstein Test for screening, FTIR for confirmation
Dimethyl fumarate (DMFu)	624-49-7	Usage Ban [TR=0.1]	ISO/TS 16186
Phthalates, according to <u>Section 2, Table D</u>	Various	1,000	GAFTI Modified CPSC-CH-C1001-09.4

M: Electrical and Electronic Equipment

M1: RoHS³⁹

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Cadmium (Cd)	7440-43-9	100	
Chromium, Hexavalent Cr(VI)	18540-29-9		
Lead (Pb)	7439-92-1	1,000	
Mercury (Hg)	7439-97-6		111/54/CDV: IEC 62321, Ed. 3
Polybrominated biphenyls (PBB)	59536-65-1		
Polybrominated diphenyl ethers (PBDE)	Various		

³⁸ Intentional use prohibited; limit applies to incidental concentrations only.

 $^{^{39}}$ RoHS refers to the <u>Restriction of</u> the use of certain <u>Hazardous Substances</u> in electrical and electronic equipment. RoHS applies to electrical and electronic products. The limits listed are by weight of homogeneous material (single material that is separated mechanically).

M2: Batteries

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Cadmium (Cd)	7440-43-9	20	EN 16711-1
Mercury (Hg)	7439-97-6	5	EN 10/11-1

N: Food Contact Materials

All food contact products and materials must comply with food contact requirements in the countries where the Kontoor Brands products are sold or marketed. Suppliers of products and materials intended for food contact applications agree to comply with applicable food contact regulations (such as in the US, EU or China). The substances listed below represent additional restrictions.

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Bisphenol A (BPA)	80-05-7	Usage Ban [TR=0.1]	Solvent extraction/ LC-MS
PVC	9002-86-2	Usage Ban	Beilstein Test for screening, FTIR for confirmation
Vinyl chloride monomer	75-01-4	1	ISO 6401
Phthalates, according to <u>Section 2</u> , <u>Table D</u>	Various	Usage Ban [TR=500 each phthalate; 1,000 total sum phthalates]	GAFTI Modified CPSC-CH-C1001-09.4

O: N-Nitrosamines – Shoe Sole Materials and Toys

Chemical Substance [9 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
N-Nitrosodimethylamine	62-75-9		
N-Nitrosodiethylamine	55-18-5		
N-Nitrosodipropylamine	621-64-7		CD/T 24452 ''I
N-Nitrosodibutylamine	924-16-3]	GB/T 24153 with
N-Nitrosopiperidine	100-75-4	Usage Ban	LC-MS/MS verification if
N-Nitrospyrrolidine	930-55-2	[TR=0.5]	positive prEN 19577:2017
N-Nitrosomorpholine	59-89-2		ριείν 19377.2017
N-Nitroso-N-methylaniline	614-00-6]	
N-Nitroso-N-ethylaniline	612-64-6		

P: Others

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Chlorinated paraffins (SCCP) (C10-C13) ⁴⁰	85535-84-8	1,000	Combined CADS/ISO 18219 method V1:06/17
Chlorinated paraffins (MCCP) (C14-C17)	85535-85-9	Reporting requirement	Extraction ISO 18219 and analysis by GC-NCI-MS
p-Phenylenediamine	106-50-3	Usage Ban [TR=20]	ISO 14362-1 without cleavage
2-Phenyl-2-propanol	617-94-7	50	Solvent extraction /
Acetophenone	98-86-2	50	GC-MS
Vinyl chloride monomer	75-01-4	1	ISO 6401
Quinoline	91-22-5	50	Solvent extraction / GC-MS

Q: Phase-Out and Unintentionally Present Substances

Q1: Phase-Out of Polyvinyl Chloride (PVC)

Kontoor Brands prefers that products do not contain PVC; however, we acknowledge certain challenges may prevent the immediate cessation of PVC use. Kontoor Brands supports efforts to find acceptable alternatives to PVC use in all products, with the ultimate objective being a comprehensive prohibition on all PVC use. At this time, PVC is prohibited from use in all packaging and food contact materials. Many product lines have successfully eliminated all PVC use, and in many specific products, PVC use is formally prohibited.

⁴⁰ Limit applies to other uses than as flame retardant, which is banned.

Q2: Prohibition of Alkyl Phenol Ethoxylates throughout Kontoor Brands's Supply Chain

APEOs are a class of chemical substances that include nonylphenol ethoxylates (NPE or NPEOs) and octylphenol ethoxylates (OPE or OPEOs). APEOs are non-ionic surfactants commonly used as ingredients in chemical preparations such as detergents, degreasers, scouring agents, wetting agents, dyes, printing pastes, and spinning oils. APEOs and APEO containing preparations are prohibited from use throughout Kontoor Brands's supply chain and manufacturing processes. Section G of this RSL details the product restrictions for residual APEO concentrations.

Kontoor Brands recommends its suppliers take the following actions to ensure APEOs are not used in their production:

- 1. If you are performing cut and sew operations, pass this along to your material suppliers and dyehouses.
- 2. If you are using chemical formulations, ask your chemical suppliers if the chemical preparations you currently use for apparel or footwear production or general cleaning are APEO-free.
- 3. If you are using chemical preparations that are not APEO-free, stop using those chemical preparations and identify APEO-free alternatives. There are many ways you can find replacements, including (but not limited to):
 - a. Contacting your current chemical supplier and asking for APEO-free formulations.
 - b. Using the CleanGredients® database for surfactants to find substitutions for APEO surfactants used in detergents, http://www.cleangredients.org/
 - c. Using products and processes reviewed under the CHEM-IQSM and bluesign® process and listed on the bluesign® bluefinder, http://www.bluesign.com/
 - d. Using chemicals that meet the Global Organic Textiles Standard (GOTS).
 - e. Using chemical preparations certified under the OEKO- TEX® Eco-Passport system.

Regardless of the certifications, ask your chemical supplier to confirm that ALL products are APEO-free. We acknowledge APEOs may be present in residual concentrations in your chemical preparations, and may not be currently communicated to you as present in the chemical preparations you purchase. Initiating this dialogue with your chemical suppliers is the only way to ensure the chemical preparations you purchase are indeed 100% APEO-free.

Q3: Reduction of unintended PFOA traces

All products manufactured with fluorochemicals must be minimal, to the greatest extent possible, residual concentrations of unintended PFOA and PFOA-precursors. We expect the PFOA concentration on all fluorochemical treated products to be below $1 \mu g/m^2$.

Section 3: Substances Which are Not Likely Found in Products

A: Dioxins and Furans

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Group 1			
2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	1746-01-6	Unavoidable	
1,2,3,7,8-Pentachloro-dibenzo- <i>p</i> -dioxin	40321-76-4	traces	
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	acceptable up	U.S. EPA Method 8290
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	to 1 μg/kg for Group 1	
Group 2			
1,2,3,4,7,8-Hexachloro-dibenzo- <i>p</i> -dioxin	39227-28-6		
1,2,3,7,8,9-Hexachloro-dibenzo- <i>p</i> -dioxin	19408-74-3	Unavoidable	
1,2,3,6,7,8-Hexachloro-dibenzo- <i>p</i> -dioxin	57653-85-7	acceptable up	U.S. EPA Method 8290
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	to 5 μg/kg for	
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	sum of Groups 1 & 2	
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	Groups I & Z	
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9		
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5		
Group 3			
1,2,3,4,6,7,8-Heptachloro-dibenzo- <i>p</i> -dioxin	35822-46-9	Unavoidable traces	
1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin	3268-87-9	acceptable up	U.S. EPA Method 8290
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	for sum of	0.0. 2. 7
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	Groups 1, 2,	
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	and 3	
Group 4	1 2222 2 2		
2,3,7,8-Tetrabromodibenzo- <i>p</i> -dioxin	50585-41-6	Unavoidable	
1,2,3,7,8-Pentabromo-dibenzo- <i>p</i> -dioxin	109333-34-8	traces	
2,3,7,8-Tetrabromodibenzofuran	67933-57-7	acceptable up	U.S. EPA Method 8290
2,3,4,7,8-Pentabromodibenzofuran	131166-92-2	to 1 μg/kg for Group 4	
Group 5	ı		
1,2,3,4,7,8-Hexabromo-dibenzo-p-	440000 11 5		
dioxin	110999-44-5	Unavoidable	
1,2,3,7,8,9-Hexabromo-dibenzo- <i>p</i> -dioxin	110999-46-7	acceptable up	U.S. EPA Method 8290
1,2,3,6,7,8-Hexabromo-dibenzo- <i>p</i> -dioxin	110999-45-6	to 5 μg/kg for sum of	
1,2,3,7,8-Pentabromodibenzofuran	107555-93-1	Groups 4 & 5	
T) T) T) T CITCUST GITTOUTS CITED TOTAL	1 10,000 00 1		

B: Asbestos

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method
All asbestos fibres, including, but not l	imited to:		
Actinolite	77536-66-4		
Amosite	12172-73-5		
Anthophyllite	77536-67-5	Usage Ban	U.S. EPA/600/R-93/116
Chrysotile	12001-29-5	Usage Dali	U.S. EPA/000/K-93/110
Crocidolite	132207-33-1		
Tremolite	14567-73-8		
Tremonte	77536-68-6		

C: Pesticides

Chemical Substance [67 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Aldicarb Aldrin Azinophosmethyl Azinophosethyl Bromophos-ethyl Captafol Carbaryl Chlordane Chlordimeform Chlorfenvinphos Coumaphos Cyfluthrin Cyhalothrin Cypermethrin DEF Deltamethrin 1,2-Dibromo-3- Chloropropane (DBCP) p,p-Dichlorodiphenyl- dichloroethane (p,p-DDD) o,p-Dichlorodiphenyl- dichloroethylene (p,p-DDE)	116-06-3 309-00-2 86-50-0 2642-71-9 4824-78-6 2425-06-1 63-25-2 57-74-9 6164-98-3 470-90-6 56-72-4 68359-37-5 91465-08-6 52315-07-8 78-48-8 52918-63-5 96-12-8 72-54-8 53-19-0 72-55-9	Not Detected	U.S. EPA Methods: 8081B / 8151A / 8141B [RL=0.5]
<i>o,p</i> -Dichlorodiphenyldichloroethylene (<i>o,p</i> -DDE)	3424-82-6		

Chemical Substance [67 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
<i>p,p</i> -Dichlorodiphenyl-	50-29-3		
trichloroethane (p,p-DDT)	30-29-3		
<i>o,p</i> -Dichlorodiphenyl-	789-02-6		
trichloroethane (<i>o,p</i> -DDT)	783-02-0		
2,4-Dichlorophenoxy-acetic			
acid, its salts and compounds	94-75-7		
(2,4-D)			
Diazinon	333-41-5		
Dichlorprop	120-36-2		
Dicrotophos	141-66-2		
Dicofol	115-32-2		
Dieldrin	60-57-1		
Dimethoate	60-51-5		
Dinoseb and salts	88-85-7		
Endosulfan , including			
alpha (959-98-8) and	115-29-7		
beta (33213-65-9)			
Endrin	72-20-8		
Ethylene Dibromide (EDB)	106-93-4	_	
Esfenvalerate	66230-04-4	Not	U.S. EPA Methods: 8081B / 8151A /
Fenvalerate	51630-58-1	Detected	8141B
Hexachlorobenzene	118-74-1	Detected	[RL=0.5]
Hexachlorocyclohexane	608-73-1		
(HCH), all isomers ⁴¹		_	
Heptachlor	76-44-8	_	
Heptachlor epoxide	1024-57-3	_	
Isodrin	465-73-6	_	
Kelevan	4234-79-1	_	
Kepone (Chlorodecone)	143-50-0	_	
Malathion	121-75-5	_	
МСРА	94-74-6	_	
МСРВ	94-81-5	_	
Mecoprop	93-65-2		
	7085-19-0	_	
Metamidophos	10265-92-6		
Methoxychlor	72-43-5	_	
Methyl Parathion	298-00-0	_	
Mirex	2385-85-5	_	
Monocrotophos	6923-22-4	_	
Paraquat	1910-42-5	_	
Parathion	56-38-2		

 $^{^{41}}$ All isomers of HCH, including alpha (319-84-6), beta (319-85-7), delta (319-86-8), epsilon (6108-10-7), and gamma (lindane, 58-89-9).

Chemical Substance [67 substances]	CAS Number	Limit Value Final Product (mg/kg)	Test Method
Perthane	72-56-0		
Phosdrin/Mevinphos	7786-34-7		
Propethamphos	31218-83-4		
Profenophos	41198-08-7		
Quinalphos	13593-03-8		
Quintozene	82-68-8		
Strobane	8001-50-1		
Telodrin	297-78-9	Not	U.S. EPA Methods: 8081B / 8151A /
Timiperone (DTTB)	57648-21-2	Detected	8141B
Toxaphene	8001-35-2	Detected	[RL=0.5]
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T), salts, compounds	93-76-5		
2-(2,4,5-Trichlorophenoxy) propionic acid, salts, compounds	93-72-1		
Trifluralin	1582-09-8		

D: Other Organic Chemicals

Chemical Substance	CAS Number	Limit Value Final Product (mg/kg)	Test Method	
Halogenated biphenyls, including:	1336-36-3			
 Polychlorinated biphenyl (PCB) 	53469-21-9			
Halogenated diarylalkanes	Various			
Halogenated naphthalenes	Various			
Halogenated terphenyls, including:	Various			
 Polychlorinated terphenyl (PCT) 	Various	Usage Ban	Solvent extraction /	
 Halogenated diphenyl methanes, including: Monomethyl-dibromo-diphenyl methane⁴² 	99688-47-8	[TR=1]	GC-MS	
 Monomethyl-dichloro-diphenyl methane⁴³ 	81161-70-8			
 Monomethyl-tetrachloro-diphenyl methane⁴⁴ 	76253-60-6			

⁴² Also DBBT.
⁴³ Also Ugilec 121 or Ugilec 21.
⁴⁴ Also Ugilec 141.

Section 4: Air and Gas Filled Products

Fluorinated greenhouse gases and ozone depleting substances are prohibited from use in the air space in all products. They must not be detectable when tested by GC-MS at a detection level of 0.1 mg/kg.

A: Fluorinated greenhouse gases⁴⁵

Chemical Substance	CAS Number		Chemical Substance	CAS Number
Sulfur hexafluoride - SF ₆	2551-62-4		Perfluorocarbons (P	FCs):
Hydrofluorocarbons (H	IFCs):		Perfluoromethane - CF ₄	75-73-0
HFC-23 - CHF ₃	75-46-7		Perfluoroethane - C₂F ₆	76-16-4
HFC-32 - CH₂F₂	75-10-5		Perfluoropropane - C₃F ₈	76-19-7
HFC-41 - CH₃F	593-53-3		Perfluorobutane - C ₄ F ₁₀	355-25-9
HFC-43-10mee - C ₅ H ₂ F ₁₀	138495-42-8		Perfluoropentane - C₅F ₁₂	678-26-2
HFC-125 - C ₂ HF ₅	354-33-6		Perfluorohaxane - C ₆ F ₁₄	355-42-0
HFC-134 - C ₂ H ₂ F ₄	359-35-3		Perfluorocyclobutane -c- C ₄ F ₈	115-25-3
HFC-134a - CH₂FCF₃	811-97-2			
HFC-152a - C ₂ H ₄ F ₂	75-37-6			
HFC-143 - C ₂ H ₃ F ₃	420-46-2			
HFC-143a - C₂H₃F₃	470-46-6			
HFC-227ea - C₃HF ₇	431-89-0			
HFC-236cb - CH ₂ FCF ₂ CF ₃	677-56-5			
HFC-236ea - CHF ₂ CHFCF ₃	431-63-0			
HFC-236fa - C ₃ H ₂ F ₆	690-39-1			
HFC-245ca - C₃H₃F₅	679-86-7			
HFC-245fa - CHF ₂ CH ₂ CF ₃	460-73-1			
HFC-365mfc - CF ₃ CH ₂ CF ₂ CH ₃	406-58-6			

B: Class I Ozone depleting substances⁴⁶

B1: Group I:

Chemical Substance	CAS Number	Chemical Substance	CAS Number	Chemical Substance	CAS Number
CFCI ₃	75-69-4	$C_2F_3CI_3$	76-13-1	C_2F_5CI	76-15-3
CF ₂ Cl ₂	75-71-8	$C_2F_4CI_2$	76-14-2		

 $^{^{45}}$ As listed in Regulation (EC) No 842/2006 of the European Parliament and of the Council of 17 May 2006 on certain fluorinated greenhouse gases.

⁴⁶ http://www.epa.gov/ozone/science/ods/classone.html; classification U.S. Environmental Protection Agency.

B2: Group II:

Chemical Substance	CAS Number	Chemical Substance	CAS Number	Chemical Substance	CAS Number
CF ₂ ClBr	353-59-3	CF₃Br	75-63-8	$C_2F_4Br_2$	124-73-2

B3: Group III:

Chemical	CAS Number	Chemical	CAS Number	Chemical	CAS Number
Substance		Substance		Substance	
CF ₃ Cl	75-72-9	C ₃ F ₂ Cl ₆	3182-26-1	C ₃ F ₆ Cl ₂	661-97-2
C ₂ FCl ₅	354-56-3	C ₃ F ₃ Cl ₅	2354-06-5	C ₃ F ₇ Cl	422-86-6
C ₂ F ₂ Cl ₄	76-12-0	C ₃ F ₄ Cl ₄	29255-31-0		
C ₃ FCl ₇	422-78-6	C ₃ F ₅ Cl ₃	4259-43-2		

B4: Group IV:

Chemical	CAS Number			
Substance				
CCI ₄	56-23-5			

B5: Group V:

	Chemical Substance	CAS Number
I	$C_2H_3Cl_3$	71-55-6

B6: Group VI:

Chemical	CAS Number			
Substance				
CH₃Br	74-83-9			

B7: Group VII:

Chemical	Chemical	Chemical	Chemical	Chemical
Substance	Substance	Substance	Substance	Substance
CHFBr ₂	C ₂ H ₂ FBr ₃	C ₃ HF ₂ Br ₅	C ₃ H ₂ F ₄ Br ₂	C ₃ H ₄ F ₂ Br ₂
CHF ₂ Br	$C_2H_2F_2Br_2$	C ₃ HF ₃ Br ₄	C ₃ H ₂ F ₅ Br	C ₃ H ₄ F ₃ Br
CH ₂ FBr	$C_2H_2F_3Br$	C ₃ HF ₄ Br ₃	C ₃ H ₃ FBr ₄	C ₃ H ₅ FBr ₂
C ₂ HFBr ₄	C ₂ H ₃ FBr ₂	C ₃ HF ₅ Br ₂	C ₃ H ₃ F ₂ Br ₃	C ₃ H ₅ F ₂ Br
C ₂ HF ₂ Br ₃	C ₂ H ₃ F ₂ Br	C₃HF ₆ Br	C ₃ H ₃ F ₃ Br ₂	C₃H ₆ FBr
C ₂ HF ₃ Br ₂	C ₂ H ₄ FBr	C ₃ H ₂ F ₂ Br ₄	C ₃ H ₃ F ₄ Br	
C ₂ HF ₄ Br	C₃HFBr ₆	$C_3H_2F_3Br_3$	C ₃ H ₄ FBr ₃	

B8: Group VIII:

Chemical Substance	CAS Number
CH ₂ BrCl	74-97-5

C: Class II Ozone depleting substances⁴⁷

Chemical	CAS Number	Chemical	CAS Number		Chemical	CAS Number
Substance		Substance		9	Substance	
CHFCl ₂	75-43-4	C₃HFCl ₆	422-26-4	(C₃H₃FCl₄	666-27-3
CHF ₂ Cl	75-45-6	C ₃ HF ₂ Cl ₅	422-49-1		$C_3H_3F_2CI_3$	460-63-9
CH ₂ FCl	593-70-4	C ₃ HF ₃ Cl ₄	422-52-6		C ₃ H ₃ F ₃ Cl ₂	460-69-5
C ₂ HFCl ₄	354-14-3	C ₃ HF ₄ Cl ₃	422-54-8		C ₃ H ₃ F ₄ Cl	134190-50-4
C ₂ HF ₂ Cl ₃	354-21-2	C ₃ HF ₅ Cl ₂	422-56-0		C₃H₄FCl₃	421-41-0
C ₂ HF ₃ Cl ₂	306-83-2	C ₃ HF ₅ Cl ₂	507-55-1		C ₃ H ₄ F ₂ Cl ₂	819-00-1
C ₂ HF ₄ Cl	2837-89-0	C₃HF ₆ Cl	431-87-8		C ₃ H ₄ F ₃ Cl	460-35-5
C ₂ H ₂ FCl ₃	359-28-4	C ₃ H ₂ FCl ₅	421-94-3		C₃H₅FCl₂	420-97-3
$C_2H_2F_2CI_2$	1649-08-7	C ₃ H ₂ F ₂ Cl ₄	460-89-9	(C₃H₅F₂Cl	421-02-3
C ₂ H ₂ F ₃ Cl	75-88-7	C ₃ H ₂ F ₃ Cl ₃	7125-84-0		C₃H ₆ FCl	430-55-7
C ₂ H ₃ FCl ₂	1717-00-6	C ₃ H ₂ F ₄ Cl ₂	425-94-5			
C ₂ H ₃ F ₂ Cl	75-68-3	C ₃ H ₂ F ₅ Cl	460-92-4			

⁴⁷ http://www.epa.gov/ozone/science/ods/classtwo.html; classification U.S. Environmental Protection Agency.

Section 5: Liquid Filled Products

Products containing any liquid, gel or other liquid-type substance must meet the following restrictions:

- 1. Hazardous liquids shall not be used as the filling liquid in any liquid filled product. Hazardous liquids are those which are classified as toxic (acute or chronic), carcinogenic, reproductive toxic, flammable, explosive, irritants or sensitizers.
- 2. Bacteria growth must not occur. The following limits apply to the liquid of all liquid filled products.

Bacteria	Limit Value
Staphylococcus aureus	
Escherichia coli (E-coli)	No contamination
Pseudomonas aeruginosa	(<500 CFU/g or CFU/ml)
Salmonella	
All other bacteria	1,000 CFU/g or CFU/ml (total)

<u>Section 6: REACH-EU's Regulation Concerning the Registration,</u> Evaluation, Authorisation and Restriction of Chemicals

A: REACH-European Regulation No 1907/2006

REACH is the comprehensive regulatory framework for chemicals (including consumer products) in the European Union (EU). It is intended to improve consumer safety and environmental protection while enhancing competitiveness, by improving knowledge and transparency along the value chains that involve chemicals.

REACH is regulated by the EU Regulation No 1907/2006. It is a European law applying to individuals, particular authorities and companies. In spite of what many people think, REACH does not only apply on <u>Substances</u>, but also on <u>Preparations</u> and on <u>Articles</u>.

- Substances are defined as pure chemicals.
- Preparations are defined as mixtures of substances.
- **Articles** are defined by <u>their geometrical form rather than the chemical/ physical properties of the substance.</u>

There are specific provisions in REACH related to:

- Substances in Articles.
- Intended Release of <u>Substances contained in Article</u>.

The <u>Basic Principle of REACH is that all chemical substances</u> – pure, in preparations and/or in articles – <u>are treated the same way</u>. Import, usage and selling in Europe are only allowed for those substances for which adequate chemical information is available. "No data, No Market!"

B: Ownership and Key Elements of REACH

The central part of the REACH administration is the European Chemical Agency (ECHA) located in Helsinki, Finland. The ECHA manages the **R**egistration, **E**valuation, **A**uthorisation and the Restriction of the **CH**emical substances.

- Registration = any new substance placed on the EU market in excess of 1 ton/year.
- **Evaluation** = review of information submitted in the dossier of each registered substance.

Authorisation or Restriction procedures will be applied by the ECHA on those substances that are found to be particularly hazardous.

- Authorisation = allowing hazardous substances in strictly defined applications only. Outside the
 Registration process, EU member states may suggest candidate Substances of Very High Concern
 (SVHC) for authorisation or restriction by the ECHA (see also REACH Annex XIV and the Candidate
 SVHC list).
- **Restriction of Chemicals** = substances that are banned from their use in certain applications or restricted, having maximum limits (see also REACH Annex XVII).

C: Obligations under REACH

A company's obligations under REACH depend strongly on its role in the value chain and its particular business setup. There are 4 basic roles, each having its own obligations.

Manufacturers or Importers of Chemicals are only allowed to market (pre-) registered substances in the EU. They must register any substances with the ECHA, as soon as they pass the 1 ton/year limit. They also have an information duty to their downstream users and customers. This involves providing them essential safety information under the form of completed Safety Data Sheets (SDS), applying Common Labelling Practice (CLP) and when applicable, communicating any content of SVHC's above the 0.1% (w/w) in their chemicals.

Formulators of Chemicals, mixing substances to be marketed in the EU, need to make sure that every single one of the substances used are (pre-) registered with the ECHA by the Manufacturers or Importers. They are required to take adequate precautions when handling hazardous substances, to keep all the SDS's updated and current and when their preparations do contain SVHC's or candidate SVHC's in a concentration above 0.1% (w/w), they also have an information duty towards their business customers, without being asked.

Manufacturers or Importers of Articles, Brands have the duty to inform their business customers in the EU if their articles contain (candidate) SVHC's in levels above 0.1% (w/w). They are obliged to do this without being asked for such information. Towards the ECHA, there is an additional notification duty in those cases where those SVHC's would exceed the value of 1 ton/year, via that particular article import. Towards individual end consumers, there is an obligation to respond within 45 days to questions on the presence of SVHC's above the 0.1% (w/w) threshold level, but only when being asked.

Retailers are also required to respond within 45 days to all questions from individual consumers on the presence of SVHC's above the 0.1% (w/w) threshold value when being asked. If your supplier informed you that some of their products do contain more than 0.1% SVHC's, you may also need to pass on the adequate safety information to the end consumer upon request.

The information above is by no means exhaustive, and does not replace official or professional advice on this matter. More information on the above can be found on the regulation's section of the ECHA's website (https://echa.europa.eu/home).

D: Substances of Very High Concern

Substances of Very High Concern⁴⁸ (SVHC) are the most hazardous substances according to REACH. Article 57 of REACH states their criteria. All SVHC's are listed in 'Candidate' list, being proposed by either the European Commission or the EU Member states. The SVHC list is called the Candidate list, because from the moment onwards a substance is listed, is becomes a candidate for Authorisation.

⁴⁸ Substances of Very High Concern (SVHC) are defined in article 57 of the Regulation (EC) No 1907/2006 and include substances which are CMR 1, CMR 2, PBT or vPvB or identified, on a case-by-case basis, from scientific evidence as causing probable serious effects to human health or the environment of an equivalent level of concern as those mentioned before. http://www.echa.europa.eu/proposals-to-identify-substances-of-very-high-concern

Of particular note for REACH is the speed at which new substances may become listed as a SVHC. To ensure all products supplied to Kontoor Brands comply with REACH at the time of market, each supplier is obligated to track and monitor all SVHC's in their supply chain and to keep up to date with official candidate list on the ECHA's website (http://echa.europa.eu/web/guest/candidate-list-table), where all regular updates are posted.

Suppliers shall map each step in their supply chains, including the sourcing and processing of raw materials, parts, chemicals and other product ingredients, in order to be able to immediately inform Kontoor Brands of all cases where a substance listed in the candidate list is present in the article at or above a 0.1% concentration, by weight.

The Focus List highlights those SVHC's from the official candidate lists that are not directly covered under Section 1 of the RSL and that are known to be used in textile applications and/or being linked – directly or indirectly - to the textile chemical industry. This list is intended to be an additional guideline for our suppliers and contractors, helping them to focus on those parts of their supply chains where some SVHC's could possibly be encountered and where appropriate testing protocols could be relevant. The reduced number of SVHC's in the focus list, do not exempt by any means the supply chain tracking and monitoring requirements needed for all not mentioned SVHC's.

D1: Kontoor Brands Focus List

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application					
28/10	28/10/2008 ⁵⁰ - 15 SVHC's published / Total sum to date = 15							
1	Anthracene	120-12-7	PAH in mineral oil					
2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	Residue polyurethane production					
3	Dibutyl phthalate (DBP)	84-74-2	Plasticizer					
4	Diarsenic pentaoxide	1303-28-2	In dyes					
6	Sodium dichromate	7789-12-0 10588-01-9	Dye for leather					
7	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	Synthetic musk					
8	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	Plasticizer					
9	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4 3194-55-6	Flame retardant					
10	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	Flame retardant					
13	Bis(tributyltin) oxide (TBTO)	56-35-9	Biocide (fungicide), Preservative					
14	Butyl benzyl phthalate (BBP) 85-68-7 Plasticizer							
13/01	13/01/2010 – 11 SVHC's published / Total sum to date = 26							

⁴⁹ Internal reference number to the official SVHC list.

⁵⁰ The inclusion date of the SVHC's publication in the official candidate list on the ECHA's website.

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application
15	Tris(2-chloroethyl)phosphate Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	115-96-8 12656-85-8	Flame retardant and plasticizer. Used in rigid and flexible polyurethane and polyisocyanurate foams, carpet backing, flame laminated and rebonded flexible foam, flame retardant coatings, most classes of thermosets and adhesives Textile printing, textile pigments in coatings
17	2,4-Dinitrotoluene	121-14-2	Intermediates in the manufacture of dyestuffs, manufacture of azo-dyes and PU foam
18	Lead chromate	7758-97-6	Manufacture of pigments and dyes
19	Di-iso-butyl phthalate (DIBP)	84-69-5	Plasticizer
20	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	Textile printing, textile pigments in coatings
26	Pitch, coal tar, high temp.	65996-93-2	Dyestuff synthesis
30/03	3/2010 – 1 SVHC published / Total sum to date = 27		
27	Acrylamide	79-06-1	Monomer residue polyacrylamide
18/06	5/2010 – 8 SVHC published / Total sum to date = 35		
28	Trichloroethylene	79-01-6	Degrease wool, textile desizing scouring
29	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	Detergents, precursor perborate, stabilizer enzymes with liquid/laundry detergents
30	Boric acid	10043-35-3 11113-50-1	Preservatives for textile, flame retardants, liquid laundry products, detergents, cleaners, stain removers, other decontamination agents
31	Tetraboron disodium heptaoxide, hydrate	12267-73-1	Detergents, precursor perborate, stabilizer enzymes with liquid/laundry detergents
32	Sodium chromate	7775-11-3	Dyeing of protein fibres, dyeing with chrome dyes
33	Ammonium dichromate	7789-09-5	Dyeing of protein fibres, dyeing with chrome dyes

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application			
			Dyeing of protein fibres,			
34	Potassium dichromate	7778-50-9	dyeing with chrome dyes,			
			mordants			
			Dyeing of protein fibres,			
35	Potassium chromate	7789-00-6	dyeing with chrome dyes,			
			pigments			
15/12	2/2010 − 8 SVHC published / Total sum to date = 43					
36	Cobalt(II) sulphate	10124-43-3	Pigments and possibly			
30	Cobart(ii) suipriate	10124 43 3	catalysts, desiccants			
37	Cobalt(II) dinitrate	10141-05-6	Catalyst			
38	Cobalt(II) carbonate	513-79-1	Catalyst			
39	Cobalt(II) diacetate	71-48-7	Pigments			
			Catalysts, minor uses:			
40	2-Methoxyethanol	109-86-4	pigments, dyes and			
			rubber adhesion			
41	2-Ethoxyethanol	110-80-5	Minor uses: solvents			
			Minor uses as pigment,			
42	Chromium trioxide	1333-82-0	catalyst and oxidizing			
			agent			
	Acids generated from chromium trioxide and their		_			
	oligomers. Names of the acids and their oligomers:	7738-94-5	Minor uses: pigments,			
43	Chromic acid, Dichromic acid, Oligomers of chromic acid	13530-68-2	catalyst and oxidizing			
	and dichromic acid.		agent			
20/06	5/2011 – 7 SVHC published / Total sum to date = 50	I				
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and	60545 42 4	DI .: :			
47	linear alkyl esters	68515-42-4	Plasticizer			
40		302-01-2	Corrosion inhibitor in			
48	Hydrazine	7803-57-8	water treatment			
			Coatings: acrylic and			
49	1-Methyl-2-pyrrolidone	872-50-4	styrene latexes, urethane			
			dispersions			
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl					
51	esters, C7-rich	71888-89-6	Plasticizer			
20/06	5/2011 - 28/10/2008 – 1 SVHC published / Total sum to dat	e = 51				
44	Cobalt dichloride	7646-79-9	Desiccants			
19/12	2/2011 – 20 SVHC's published / Total sum to date = 71	I				
			Curing agent in the			
			production of PU resins			
56	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	and PU elastomers (end			
			product can contain up to			
			4% MOCA)			
			1,011.10011			
			Spinning solvent acrylic -,			
			polyurethane-, polyurea			
57	N,N-dimethylacetamide	127-19-5	co polymers and meta-			
] "		, -5 5	aramide fibres (fibres can			
			contain up to 3% DMAC)			
			contain up to 3/0 Divine)			
		I	I			

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application			
62	1,2-dichloroethane	107-06-2	Vinyl chloride monomer			
02	1,2 dichioroctifunc	107 00 2	(PVC-products)			
			Emulsifier in textile			
			finishing agents,			
63	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	emulsifier in washing			
			agents, textile printing			
			inks			
			Dyestuff for leather-,			
64	2-Methoxyaniline; o-Anisidine	90-04-0	textile- and paper			
			products, pigment in printing inks			
			Plasticizer PVC, printing			
65	Bis(2-methoxyethyl) phthalate	117-82-8	inks			
	Aluminosilicate Refractory Ceramic Fibres are fibres					
68	covered by index number 650-017-00-8 in Annex VI of	_	Materials for PPE, applied			
	Regulation (EC) No 1272/2008		in carpet backing			
69	Pentazinc chromate octahydroxide	49663-84-5	C.I. Pigment yellow 36			
70	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	C.I. Pigment yellow 36:1			
18/06	5/2012 – 13 SVHC's published / Total sum to date = 84					
			Flame retardant,			
74	Diboron trioxide	1303-86-2	detergent and cleaning,			
			biocide			
75	Formamide	75-12-7	Plasticiser, water soluble			
			glues			
	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)		Solvent blue 4 dye,			
79		90-94-8	printing inks and			
			adhesives			
	[4-[[4-anilino-1-naphthyl][4-					
81	(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien- 1-ylidene] dimethylammonium chloride (C.I. Basic Blue	2580-56-5	C.I. Basic Blue 26, printing			
81		2580-56-5	inks, dyes			
	26)					
	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-		C. B			
82	2,5-dien-1-ylidene]dimethylammonium chloride (C.I.	548-62-9	C.I. Basic Violet 3, printing			
	Basic Violet 3)		inks, dyes			
			Solvent Violet 8, writing			
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	inks, dyes			
	a a Ric[4 (dimathylamina)ahanyll 4		, - ,			
	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Basic Violet		C.I. Basic Violet 3, printing			
84	3) [with \geq 0.1% of Michler's ketone (EC No. 202-027-5)	6786-83-0	inks			
	or Michler's base (EC No. 202-959-2)]		IIIKS			
19/12	19/12/2012 – 54 SVHC's published / Total sum to date = 138					
			Pigment yellow 41			
85	Pyrochlore, antimony lead yellow	8012-00-8	(pigment for inks and			
	1 yrodinore, anamony icaa yenow	3012 00-0	toners, coatings)			
			concra, coddinga,			

86 6-methoxy-m-toluidine (p-cresidine) 120-71-8 Additi 90 Dibutyltin dichloride (DBTC) 683-18-1 stabi	omatic amines, azo-dyes ive in rubber, PVC lizer, catalyst PU production				
90 Dibutyltin dichloride (DBTC) 683-18-1 stabi	lizer, catalyst PU				
	production				
94 4-Aminoazobenzene 60-09-3 Arc	omatic amines, azo-dyes				
97 o-Toluidine 95-53-4 Arc	omatic amines, azo-dyes				
98 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 143860-04- use in u	ure scavenger for urethane coatings, ig and elastomers				
102 N,N-Dimethylformamide 68-12-2 PU- a	nt for PU-coating, and acrylic fibre, tificial leather				
103 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - deterg	e active substance, gents. Additive in ne spinning oils				
104 4-Nonylphenol, branched and linear - deterg	e active substance, gents. Additive in ne spinning oils				
105 Di-iso-pentyl phthalate (DIPP) 605-50-5 Phtha	alates/Plasticizers				
106 N-pentyl-iso-pentyl phthalate (NPIPP) 776297-69- 9 Phtha	alates/Plasticizers				
16/12/2013 – 6 SVHC's published / Total sum to date = 151					
1146 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	rants & pigments Direct Black 38				
147 Di-n-hexyl phthalate (DnHP or DHEXP) 84-75-3	Plasticiser				
148 Imidazolidine-2-thione; (2-imidazoline-2-thiol) 96-45-7	elerator for latex production alkylthiourea)				
1 1501 5 /3-5X-0 5 /3-5X-0	rants & pigments Direct Red 28				
16/06/2014 – 4 SVHC's published / Total sum to date = 155					
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 68515-50-4 Phthalates/Plasticizers					
17/12/2014 – 6 SVHC's published / Total sum to date = 161					

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application					
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	UV stabilizer for synthetic materials, rubber and polyurethanes					
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	UV stabilizer for synthetic materials, rubber and polyurethanes					
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	Heat stabilizer in PVC					
161	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)	-	Heat stabilizer in PVC					
15/06	i/2015 – 2 SVHC's published / Total sum to date = 163							
163	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	68515-51-5 68648-93-1	Plasticizers, lubricants, coatings, polymer foils and adhesives					
17/12	2/2015 – 5 SVHC's published / Total sum to date = 168							
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39- 8, 4149-60- 4	Cleaning agent/textile antifouling finishing agent/polishing surfactant					
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec- butyl)phenol (UV-350)	36437-37-3	UV-protection agents in coatings, plastics, rubber					
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	UV-protection agents in coatings, plastics, rubber and cosmetics					
20/06	i/2016 – 1 SVHC's published / Total sum to date = 169							
169	Benzo[def]Chrysene (Benzo[a]Pyrene)	50-32-8	Impurity in carbon black, which on its turn is used as additive in rubber, coatings and plastics.					
12/01	12/01/2017 – 4 SVHC's published / Total sum to date = 173							
170	4,4'-isopropylidenediphenol (Bisphenol A, BPA)	80-05-7	Polycarbonate epoxy resins and chemicals; hardener in epoxy resins					
171	4-heptylphenol, branched and linear	-	Polymers; formulation into lubricants					

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application		
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3830-45-3, 335-76-2, 3108-42-7	Lubricant, wetting agent, plasticizer and corrosion inhibitor		
173	p-(1,1-dimethylpropyl)phenol	80-46-6	Chemicals and plastic products		
07/07	/2017 – 1 SVHC's published / Total sum to date = 174				
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	Plasticiser, lubricant, surfactant, wetting agent, corrosion inhibitor and in fire-fighting foams.		
15/01	/2018 – 7 SVHC's published / Total sum to date = 181				
175	Chrysene	218-01-9	Plastics		
176	Benz[a]anthracene	56-55-3	Plastics		
178	Cadmium hydroxide	21041-95-2	Electrical, electronic and optical equipment.		
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octad eca-7,15-diene ("Dechlorane Plus"TM) [covering any of its individual anti- and syn-isomers or any combinationthereof]	-	Non-plasticising flame retardant, adhesives and sealants and binding agents.		
27/06	/2018 – 10 SVHC's published / Total sum to date = 191				
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	Washing and cleaning products, polishes and waxes.		
183	Decamethylcyclopentasiloxane (D5)	541-02-6	Washing and cleaning products, polishes and waxes, textile treatment products and dyes.		
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	Washing and cleaning products, polishes and waxes.		
185	Lead	7439-92-1	Metals, metal surface treatment products and polymers.		
186	Disodium octaborate	12008-41-2	Lubricants, greases, and washing and cleaning products.		
187	Benzo[ghi]perylene	191-24-2	Plastics		

Nr ⁴⁹	Chemical substance	CAS Number	Textile Application
188	Terphenyl hydrogenated	61788-32-7	Plastic additive, solvent, in coatings/inks, in adhesives and sealants, and heat transfer fluids.
189	Ethylenediamine (EDA)	107-15-3	Adhesives and sealants, coating products, fillers, putties, plasters, modelling clay, pH regulators and water treatment products.
190	Benzene-1,2,4-tricarboxylic acid; 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	Manufacture of esters and polymers.
191	Dicyclohexyl phthalate (DCHP)	84-61-7	Phthalates/Plasticizers. Dispersing agent for formulations of organic peroxides
15/01	./2019 – 6 SVHC's published / Total sum to date = 197		
192	1,7,7-Trimethyl-3-(phenylmethylene)- bicyclo[2.2.1]heptan-2-one	15087-24-8	UV-absorber
193	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	Thermal paper
194	Benzo[k]fluoranthene	207-08-9	Plastic and Rubber
195	Fluoranthene	206-44-0, 93951-69-0	Plastic and Rubber
196	Phenanthrene	85-01-8	Plastic and Rubber
197	Pyrene	129-00-0, 1718-52-1	Plastic and Rubber

E: Useful links

Stage prior to Pre-candidate list

following-up the Current Intentions with the "Registry of current Restriction proposal intentions" http://echa.europa.eu/web/guest/registry-of-current-restriction-proposal-intentions

Pre- Candidate list

look under Annex XV dossiers submitted "Registry of submitted SVHC proposal intentions" http://echa.europa.eu/web/guest/registry-of-submitted-svhc-intentions

SVHC or Candidate list

chemicals for which the Reach 0,1 % w/w threshold applies http://echa.europa.eu/web/guest/candidate-list-table

Annex XV list

look under Annex XV dossiers submitted "Registry of submitted Restriction proposal intentions",

substances for which there is an intention for immediate restriction - **SUNSET DATE** http://echa.europa.eu/web/guest/registry-of-submitted-restriction-proposal-intentions

Annex XVII list

bundling all chemical restrictions from the EU member states http://echa.europa.eu/web/guest/regulations/reach/legislation

Section 7: Biocides

Biocides are chemical substances that are used to suppress or control biological organisms such as mould and bacteria. Products are typically treated with biocides to preserve the product itself or to create a function such as odour control or insect repellency.

An article that has been treated⁵¹ with or intentionally incorporates a biocidal product, with a view to protect its properties or function or extend its durability or shelf life is **an article having a Biocidal Property**. (i.e. leather goods treated with fungicides to prevent mould or mildew or carpets treated with insecticides against moth damage)

An article treated with a biocidal product, with the intention not to protect the article itself or its function, but to introduce an additional function which is biocidal, is considered to be an article with a Primary Biocidal Function. (i.e. an insecticide impregnated bed net or anti-bacterial wipes)

Biocides and their permitted use are becoming increasingly regulated worldwide. Therefore, proficiency regarding which biocides are allowed for use in specific applications is needed.

A: Biocide Product Regulation (BPR) – EU Regulation No. 528/2012

Biocides and biocide use are regulated in the European Union by the EU Biocide Product Regulation No. 528/2012. The full text of the BPR is available directly from the eur-lex platform. ⁵²

A1: Scope of the BPR

The BPR applies to biocidal products and treated articles.⁵³

Biocidal products are only allowed on the EU market if they have been authorized under the BPR directive for the intended use.

A2: Product Types (PT)

Biocides are divided into 4 main groups under the BPR, with each group subdivided into different Product Types, as listed below:

- Group 1: Disinfectants, PT 1 to PT 5
- Group 2: Preservatives, PT 6 to PT 13
- Group 3: Pest Control, PT 14 to PT 20
- Group 4: Other Biocidal Products, PT 21 to PT 22

The PT describes the application area of the biocide (as an example, preservatives used on wood are listed in Group 2, Preservatives, and in Product Type 8, Wood Preservatives).

Use of biocides on Kontoor Brands products shall conform to the EU BPR, permitting only authorized biocidal products for the intended function.

⁵¹ Ref. definition 'treated article' in Section 7 B.

⁵² http://eur-lex.europa.eu/

⁵³ Ref. definition 'treated article' in Section 7 B.

B: Definitions within the BPR

Similar to REACh, the EU BPR applies to both Chemical Substances and Preparations and Articles.

Important definitions within the BPR are below:

- **Articles** are defined by their geometrical form rather than the chemical/ physical properties of the substance.
- **Treated Article** means any substance, mixture or article which has been treated with, or intentionally incorporates one or more biocidal products.
- Biocidal Products are defined as:
 - any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action,
 - any substance or mixture, generated from substances or mixtures which do not themselves fall under the first indent, to be used with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action.
 - o a treated article that has a primary biocidal function

Under the BPR, when an article has been treated to create a primary biocidal function, that article shall be defined as a biocidal product for compliance to the BPR.

C: Important aspects of the BPR

C1: Rules for the use of treated articles

When determining the allowable biocide to create a specific function, only authorized substances listed in the BPR shall be used. Authorized substances include those listed in:

- the Approved Substances List⁵⁴
- Annex I of the BPR
- the Review Program⁵⁵ and non-inclusion decisions

C2: EU regulations for treated articles

"A treated article shall not be placed on the market unless all active substances contained in the biocidal products that it was treated with or incorporates are included in the list drawn up in accordance with Article 9(2) (list of authorized substances), for the relevant product-type and use, or in Annex I (substances for simplified authorisation of the biocidal product), and any conditions or restrictions specified therein are met"

⁵⁴ https://echa.europa.eu/information-on-chemicals/biocidal-active-substances

⁵⁵ https://echa.europa.eu/regulations/biocidal-products-regulation/approval-of-active-substances/existing-active-substance

C3: Labelling requirement for treated articles

Treated articles containing a biocidal product require labelling if:

- a claim is made by the manufacturer of that treated article regarding the biocidal properties of the article, or
- in relation to the active substance(s) and the substance potential to contact humans or release into the environment, specific authorisations may require associated labelling.

Label requirements:

When required, the label shall provide the following information:

- a statement that the treated article incorporates biocidal products;
- where substantiated, the biocidal property attributed to the treated article;
- the name of all active substances contained in the biocidal products;
- the name of all nanomaterials contained in the biocidal products, followed by the word 'nano' in brackets; and
- any relevant instructions for use, including any precautions. 56

C4: Information duty for treated articles

Similar to REACH, the BPR obligates the treated product supplier to provide information to any consumer, upon request, within 45 days and free of charge, with information regarding the biocidal treatment of the treated article.

D: Important Links

Regulation concerning the making available on the market and use of biocidal products https://echa.europa.eu/regulations/biocidal-products-regulation/legislation

⁵⁶ It is advisable to check the Safety Data Sheet (SDS) of the biocidal products used and to contact the chemical supplier for additional information and advise.

E: US biocide regulation: Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)

The full text of the regulation is available directly from the EPA website⁵⁷.

The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is the Federal statute that governs the registration, distribution, sale, and use of pesticides in the United States.

E1: Scope of FIFRA

FIFRA enforcement is focused on the sale, distribution, and use (which can include disposal) of pesticides. Generally, before a pesticide may be sold or distributed in the United States, it must be registered with the EPA. Before, the applicant must show, among other things, that using the pesticide according to specifications "will not generally cause unreasonable adverse effects on the environment."

E3: Antimicrobial products

Antimicrobial pesticides are substances or mixtures of substances used to destroy or suppress the growth of harmful microorganisms whether bacteria, viruses, or fungi on inanimate objects and surfaces.

Antimicrobial pesticide products are categorized as either "public health" or "non-public health", depending on the specific claims made on each product's labelling.

Public health antimicrobial pesticide products are those products that bear a claim to control pest microorganisms that pose a threat to human health, and whose presence cannot readily be observed by the user.

E4: Exemption qualification of treated articles to the regulation

EPA published a Pesticide Registration Notice 2000-1 that specifies the exemption qualification of treated articles to the regulation. Treated articles with **Non-Public Health Claims** are exempted from registration, but a label with the non-public health claim must be provided.

As long as products don't make public health claims that extend beyond the protection of the article itself, they qualify for the treated articles exemption.⁵⁸

To qualify for the treated articles exemption, both conditions stated below must be met.

- 1. the incorporated pesticide is registered for use in or on the article or substance, and;
- 2. the sole purpose of the treatment is to protect the article or substance itself.

If both are not met, the article or substance does not qualify for the exemption and is subject to regulation under FIFRA.

Examples of labelling claims, the Agency is likely to consider **Acceptable** under the exemption for **Odor Resistant Claims**:

- This product contains an antimicrobial agent to control odors.
- This product contains an antimicrobial agent to prevent microorganisms from degrading the product.

 $[\]frac{57}{https://www.epa.gov/laws-regulations/summary-federal-insecticide-fungicide-and-rodenticide-act}$

⁵⁸ Treated Articles Exemption, section 152.25(a)

- Resists Odors This product has been treated to resist bacterial odors.
- o Inhibits the growth of bacterial odors.
- o Resists microbial odor development.
- Retards the growth and action of bacterial odors.
- o Guards against the growth of odors from microbial causes.
- o Guards against degradation from microorganisms.
- Reduces odors from microorganisms.
- o Odor-resistant.
- Acts to mitigate the development of odors.

These examples, instead, represent examples of labelling claims that the Agency is likely to consider **Unacceptable** under the exemption for a treated article and that would lead to a requirement to register the article as a pesticide product;

- o Antibacterial.
- o Bactericidal.
- o Germicidal.
- o Kills pathogenic bacteria.
- o Effective against E. coli and Staphylococcus.
- Provides a germ-resistant surface.
- o Provides a bacteria-resistant surface.
- o Surface kills common gram positive and negative bacteria.
- o Surface controls both gram positive and negative bacteria.
- o Surface minimizes the growth of both gram positive and negative bacteria.
- o Reduces risk of cross-contamination from bacteria.
- o Controls allergy causing microorganisms.

<u>Section 8: CPSIA - United States Consumer Product Safety</u> <u>Improvement Act</u>

The Consumer Product Safety Improvement Act CPSIA of 2008 reauthorizes the Consumer Product Safety Commission (CPSC) and expands the Commission's role in ensuring the safety of all consumer products, but in particular, it imposes additional requirements to enhance the safety of products designed for children up to age 12 years.

Kontoor Brands has established programs and procedures to comply with CPSIA and other applicable legal requirements. These include product design requirements, manufacturing specifications, and product testing programs, among other procedures as mentioned in Product Safety Manual. All product suppliers are required to deliver products that comply with applicable legal requirements and specifications, including those listed in this manual. Compliance with CPSIA requires suppliers to maintain a reasonable product testing program, quality control systems, auditing, and product tracking procedures at every production lot level.

A: Scope

CPSIA mandates testing for children's and adult products for which the CPSC has established a safety requirement. This includes but is not limited to testing for small parts (as per Title 16 CFR 1501), testing for sharp edges / points, flammability, etc.

For certain children's products, CPSIA also permanently bans eight phthalates (DEHP, DBP, BBP, DINP, DPENP, DHEXP, DCHP and DIBP). The RSL reflects these restrictions.

CPSIA mandates safety testing for every lot of products intended for children 12 years of age and younger. Suppliers are also required to label products with traceability information to allow tracking in case of a product recall.

B: Certifications

A Children's Product Certificate (CPC) must be issued for Children's products manufactured overseas, and domestically covered by CPSC rules. A General Conformity Certificate (GCC) must be issued for every non-children's (general use) product covered by CPSC rules and manufactured in or imported into the United States. The GCC is not required for adult apparel when falls into one of the exemptions identified by CPSC. CPC / GCC must be issued by the importer or domestic (US) manufacturer, not the supplier. However, the importer of the product (Kontoor Brands or Kontoor Brands subsidiary, for example) must rely upon the supplier's product safety and compliance procedures, along with the supplier's product testing reports, to ensure that the product conforms to applicable requirements.

Section 9: RSL Product Testing Guidance

Product testing requirements can be found in the Kontoor Brands specific product testing manuals. Tests specified in testing manuals are mandatory. Kontoor Brands may also provide guidance on chemical management and RSL compliance relating to its subsidiaries.

Table 1 provides general guidance on product testing for various material types. The table is not intended to replace the mandatory Kontoor Brands specific testing requirements, however is meant to provide additional guidance to our suppliers to assist in their internal chemical management programs.

Material Types

Test Item	Plastics and other synthetic materials PU, PVC, Rubber, TPU, TPR, EVA etc.	Textiles and fabrics (natural fibres)	Textiles and fabrics (synthetic fibres)	Textiles and fabrics (natural and synthetic fibre blends)	Coating/ Printing (with base material, included PU coated fabric)	Leather	Metal Parts	XS-Search Adhesives	Packaging Materials	Desiccants	Durable Water Repellent, Stain Releas
Azo Dyes and Salts		Χ	Х	Х	Χ	Χ		X ⁵⁹			
Disperse Dyes			Х	Х							
Other Dyes		Χ	Х	Х		Χ					
Extractable Metals	X				Х	Χ	Х				
Nickel Release											
(direct & prolonged							X				
skin contact)											
Chromium VI						Х					
Total Lead	X				Х	Χ	Х				
Total Cadmium	X				Х	Χ	Х				
Phthalates	X				Χ			Х	Х		
Formaldehyde	X ⁶⁰	Χ	Х	Х	Χ	Χ		Х			
PFOA / PFOS											Х
Siloxanes (D4, D5, D6)		Χ	Х	Х		Χ					
Organotin	X		Х	Х	Χ	Χ					
OPEO - NPEO / OP - NP		Χ	Х	Х		Χ					
PAH	X										
VOC's	X				Х	Χ		Х			
Chlorinated Aromatics		Х	Х	Х	Χ	Х					

⁵⁹ Test to per performed on compound material

 $^{^{\}rm 60}$ Only foam materials need to be tested for formal dehyde.

					Mat	erial Ty	ypes				
Test Item	Plastics and other synthetic materials – PU, PVC, Rubber, TPU, TPR, EVA etc.	Fextiles and fabrics (natural fibres)	Fextiles and fabrics (synthetic fibres)	Textiles and fabrics (natural and synthetic fibre blends)	Coating/ Printing (with base material, included PU coated fabric)	Leather	Metal Parts	Adhesives	Packaging Materials	Desiccants	Durable Water Repellent, Stain Release
N-Methylpyrrolidone				S	<u> </u>						
(NMP)						Х					
Flame Retardants	X ⁶¹	X^{62}	X ⁶²	X ⁶²							
Packaging									X	X	
(metals and DMFu)									^	^	
Nitrosamines	X ⁶³										
Pesticides		Χ		Х		Х					
Chlorinated Paraffins	X					Х					
(SCCP) (C10-C13)											
p-Phenylenediamine		Χ	Х	Х	Х	Χ		Х			
2-Phenyl-2-propanol	X ⁶⁴										
Acetophenone											
Vinyl Chloride	X ⁶⁵										
Monomer											

Table 1 - General guidance on product testing

Kontoor Brands currently maintains various product testing programs to validate RSL compliance. Notwithstanding Kontoor Brands' testing programs, the supplier shall be fully responsible for obtaining all necessary knowledge and information required to understand and execute business processes that ensure RSL compliance. The supplier is also responsible for performing analytical testing on products to verify the product's compliance to all RSL requirements.

Products should be tested as prescribed in Table 1, which provides guidance regarding the most probable tests to conduct for a product type. However, nothing in the guidance below shall be construed to relieve a supplier from their duty to provide products compliant with the full RSL. In addition to the testing guidance provided in Table 1, Kontoor Brands may at any time request additional testing to validate product compliance with the RSL. All costs associated with product testing are the responsibility of the supplier.

⁶¹ All foam materials need to be tested for flame retardants as specified in section 2, K2.

 $^{^{62}}$ Textile materials treated with flame retardant finishes need to be tested as specified in section 2, K1.

⁶³ Shoe sole materials, latex, rubber.

⁶⁴ EVA material only.

⁶⁵ PVC material only.

Section 10: Chemical Information Log

For a good in-house RSL management system, the manufacturer should understand if the materials or chemicals used in development or production contain any restricted substances. This information may be obtained from the material/chemical supplier.

It has been a common industrial practice for manufacturer to collect SDS (Safety Data Sheet) from chemical supplier for RSL compliance validation. However, the restricted substance information may not be listed in the SDS either because of the concentration of the substance, or, the quality of the SDS. To promote transparency and accurate information flow, Chemical Information Log (CIL) has been developed.

The manufacturer should send this RSL to their material and chemical supplier, requesting them to provide only materials/chemicals that comply with the Kontoor Brands RSL. The chemical supplier should also complete and return the Chemical Information Log (CIL). The product manufacturer should collect the updated CIL for each preparation used in the manufacture of any Kontoor Brands product. Note: the CIL should be completed by the chemical supplier but not the product manufacturer.

The CIL includes 5 columns. The first column should be completed with the chemical trade name, as indicated on product packaging documents, SDS and label. For each preparation, the chemical supplier shall indicate whether such preparation contains a RSL substance.

When a preparation <u>contains</u> a RSL substance in a concentration that could cause a product to exceed corresponding RSL restrictions, the chemical supplier should indicate this by identifying the RSL substance and concentration on the CIL. The concentration indicated on the CIL must be the concentration of the RSL substance in the chemical preparation.

Chemical Information Log (CIL) For Kontoor Brands RSL 2019

Date of Log:						
Name of Chemical Supplier:				Name of Requesting Supplier/Vendor		
Address of Supplier						
or used in the manuf	facture of entration	of any Kontoor on on the pro	Brands branded poduct that would ex	roduct, con	tains or r	rands or its subsidaries may form any RSL listed on, limitation or othe
Trade Name	S	Contains RSL Substance heck if true]	RSL Substance	e CAS No		Concentration in preparation
The undersigned is a Chemical Information					erson au	thorized to execute thi
Name (Please Print):					
Signature:						
Position:						
E-mail:						
Company Stamp:						

Appendix 1: Kontoor Brands Product Stewardship Contacts

NAME	REGION	E-MAIL ADDRESS
Carole McFee	Global	carole.mcfee@kontoorbrands.com
Brendan McLellan	Americas	brendan.mclellan@kontoorbrands.com
Dieter Dassonneville	EMEA	dieter.dassonneville@kontoorbrands.com
Gamma Cheung	Asia	gamma.cheung@kontoorbrands.com

Appendix 2: Definitions

<u>Accessories</u> – Products other than a standard shirt, shoe or pant. These may include both apparel and non-apparel products such as belts, caps, wallets, handbags, socks, eyewear, watches, and more. All accessories carrying a Kontoor Brands or its brand logo or manufactured for Kontoor Brands, Inc. shall comply with the Kontoor Brands Restricted Substance List (RSL).

<u>Article</u> – An object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

<u>Authorisation</u> – One of the pillars of the European REACH regulation, where producers and importers of hazardous chemicals require a special permission to place these chemicals on the European market.

<u>Battery Directive</u> – The Battery Directive cover all batteries and accumulators, if incorporated into appliances.

<u>Bioaccumulative</u> – Bioaccumulative is property causing the substances to build up (accumulate) in the body. Such substances build up in fat tissue in the body and cannot be excreted by the body.

<u>Candidate List</u> – A list of substances meeting the criteria of Substances of Very High Concern as defined within REACH, and proposed by either the European Commission or the EU Member states. These substances are candidates for Authorisation.

Carcinogenic – A carcinogenic substance causes cancer.

<u>Chemical Abstract Service (CAS) Number</u> – The CAS number is a unique number that identifies a particular chemical structure. While there may be various synonyms and different naming conventions for a chemical, there is only one CAS number. Mixtures of chemicals do not have CAS numbers; only individual chemical components have CAS numbers. When there is doubt about the chemical name used in the RSL, always check the CAS number.

<u>Childcare Articles</u> – Childcare articles shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children.

<u>Children's Products</u> – Children's products are products designed or intended primarily for children 12 years of age or younger.

<u>CMR1 and CMR2</u> – Carcinogenic, Mutagenic and Repro-toxic chemicals, abbreviated as CMR chemicals, make up the first and most toxic category of the toxicity classes into which hazardous chemicals can be subdivided, according to EU legislation. Carcinogenic chemicals can cause or promote cancers. Mutagenic chemicals can cause genetic mutations. Repro-toxic chemicals can damage the reproductive process.

<u>CPSIA</u> – The United States Consumer Product Safety Improvement Act of 2008, which expands the Consumer Product Safety Commission's role in ensuring the safety of consumer products distributed throughout the United States of America. Detailed information can be found at http://www.cpsc.gov/.

<u>Detection Limit</u> – The detection limit specifies the test method sensitivity that a laboratory must be able to achieve when measuring the respective substance.

ECHA – The European Chemicals Agency, located in Helsinki, Finland, and the administering body for REACH. Detailed information can be found at http://echa.europa.eu/.

<u>Evaluation</u> —The second part of REACH where information submitted to the European Chemicals Agency by producers and importers during the Registration phase is examined and evaluated.

<u>Flame retardant</u> – Any chemical or chemical compound for which a functional use is to resist or inhibit the spread of fire. Flame Retardant Chemicals include, but are not limited to, halogenated, phosphorous based, nitrogen based, and nanoscale flame retardants.

<u>Food Contact Materials</u> – Any product that is intended to be used to carry, hold or otherwise store food or liquid for drinking. Examples include water bottles, hydration packs, coolers and more.

<u>Limit Value</u> – The concentration limit is set for each substance as measured on the final product and represents the maximum allowable amount of the respective substance which is allowable in a RSL-compliance product. The concentration limit is shown in the Limit Value column. The limit is specified as the amount of the substance found or released from a specified substrate Concentration limits are applicable to any single part, or homogeneous part, of a product.

N/A - Not Applicable.

<u>Packaging and Packaging Materials</u> - Means any container providing a means of marketing, protecting, or handling a product from its point of manufacture to its sale or transfer to a consumer, including a unity package, an intermediate package or a shipping container, as defined in the specification ASTM D996. Packaging also includes, but is not limited to, unsealed receptacles, including carrying cases, crates, cups, pails, rigid foil and other trays, wrapper, sand wrapping films, bags, boxes, tape, and tubs.

<u>PBT</u> – Substances that are Persistent, Bioaccumulative and Toxic are substances that do not easily break down, instead they build up in nature and in the fatty tissue of mammals, with a potential to cause serious and long-term irreversible effects. Part of the REACH Substances of Very High Concern.

<u>Persistent</u> – A persistent substance will not break down or degrade in humans, animals or nature. This means that they will stay for a very long time once produced.

<u>Polyvinyl Chloride (PVC)</u> – Polyvinyl chloride, or PVC for short, is a hard plastic that may be found in packaging materials, trims, footwear, and screen printing. PVC is prohibited from use in all Kontoor Brands packaging and food contact products. In addition, Kontoor Brands prefers all products do not contain PVC and supports efforts to phase-out PVC.

<u>Products</u> – all raw materials, including all chemical substances, and all other goods, provided to Kontoor Brands or its suppliers or finishing contractors for use in the manufacture or assembly of any finished product manufactured for, labelled by, offered for sale by, sold by, or distributed by, Kontoor Brands or any of its subsidiaries.

Reporting Limit (RL) – The reporting limit is the lowest concentration of a substance the laboratory is allowed to report. If the laboratory detects an amount of the substance below the RL, the laboratory shall state their findings in the laboratory test report as Not Detected.

<u>Registration</u> – The first phase of the REACH process where all chemicals manufactured in or imported into the European Union in volumes above one ton per year, have to be registered to the European Chemicals Agency (ECHA).

<u>RoHS Electrical and Electronic Equipment</u> - The RoHS restrictions cover the actual electronic parts and ancillary portions of the final electrical or electronic product. Products covered by this requirement include:

- Large and small household appliances
- IT equipment
- Telecommunications equipment (although infrastructure equipment is exempt in some countries)
- Consumer equipment
- Lighting equipment including light bulbs
- Electronic and electrical tools
- Toys, leisure, and sports equipment
- Medical devices (currently exempt)
- Monitoring and control instruments (currently exempt)
- Automatic dispensers

In addition, the components of the above products must meet the RoHS requirements. Examples include:

- Paints and pigments
- PVC (vinyl) cables as a stabilizer (e.g. power cords, USB cables)
- Solders
- Printed circuit board finishes, leads, internal and external interconnects
- Glass in television and photographic products (e.g. CRT television screens and camera lenses)
- Metal parts
- Lamps and bulbs

<u>Sunset date</u> – A date where after a substance subject to Authorisation may not be used anymore, unless an Authorisation has been granted by the European Commission.

SVHC – An abbreviation for Substances of Very High Concern and referring to the most hazardous substances according article 57 of REACH. (see also Section 6E).

<u>Toxic</u> – Toxicity is an intrinsic property of a substance rendering it to harm, impair or damage living organisms.

<u>Toxic for Reproduction</u> – A substance which is toxic for reproduction will impair the ability to have children or cause irreversible harm to the offspring itself.

<u>Trace Amount (TR)</u> – The trace amount is the allowable unavoidable trace presence of a substance that has been identified with a usage ban. While a substance may not be used in the production of a product, a small acceptable trace amount is allowed to be found on a RSL-compliant product due to minor contamination or atmospheric absorption.

<u>Usage Ban</u> – A usage ban is the prohibition of the intentional use of the respective substance during any stage of production of the Product or any Raw Material.

<u>vPvB</u> – vPvB are substances that are very Persistent and very Bioaccumulative. Even when such substances would not be categorized as toxic, they are still considered to be Substances of Very High Concern according to REACH because they persist in the environment and accumulate in the food chain for a long period of time.

Appendix 3: Reporting limits

TEST ITEMS	TEST METHOD	RECOMMENDED REPORTING LIMIT (MG/KG)
	ISO 14362-1 / ISO 14362-3	5
Aromatic Amines from Azo Dyes	ISO 17234-1 / ISO 17234-2	5
	GB/T 17592 / GB/T 23344	5
	GB/T 19942	5
Disperse Dyes	DIN 54231	15
Other Dyes	DIN 54231	15
Other Dyes (Blue Colorant)	DIN 54231	50
Extractable Metal Content		
Antimony (Sb)		1
Arsenic (As)		0.2
Cadmium (Cd)		0.1
Chromium (Cr)		0.5
Cobalt (Co)	Non-Leather: EN 16711-2 Leather: ISO 17072-1	1
Copper (Cu)		5
Lead (Pb)		0.2
Mercury (Hg)		0.02
Nickel (Ni)		0.5
Chromium, Hexavalent Cr(VI)	ISO 17075-1 / ISO 17075-2	2
Extractable Metal Content		
Antimony (Sb)		10
Arsenic (As)		10
Barium (Ba)		50
Cadmium (Cd)	ASTM F963	10
Chromium (Cr)	EN 71-3	10
Lead (Pb)		10
Mercury (Hg)		10
Selenium (Se)		10
Total Metal Content		
Cadmium (Cd)	EN 16711-1 or acid digestion	10
Lead (Pb)	CPSC-CH-E1001-08 CPSC-CH-E1002-08 CPSC-CH-E1003-09	10
	EN 1811 / EN 16128	0.1 μg/cm²/week
Nickel Release	EN 1811	0.1 μg/cm²/week
Phthalates	GAFTI Modified CPSC-CH-C1001-09.3	100

TEST ITEMS	TEST METHOD	RECOMMENDED REPORTING LIMIT (MG/KG)
Formaldehyde	ISO 14184-1 / ISO 17226-1	16
Perfluorooctane sulfonate (PFOS) and its derivatives	CEN/TS 15968	1 ug/m²
Perfluorooctanoic acid (PFOA) and its derivatives	CEN/TS 15968	1 ug/m²
Dimethyl fumarate (DMFu)	Solvent extraction / GC-MS, for confirmation LC-MS	0.1
	Footwear Materials & Desiccant Sachets: ISO/TS 16186	
Organotin Compounds	ISO/TS 16179	0.05
Alkyl Phenols and Alkyl Phenol Ethoxylates (APs and APEOs)		
Nonylphenol (NP)		10
Octylphenol (OP)	Textiles: ISO 18254-1	10
Nonylphenol ethoxylate (NPEO)	Leather: ISO 18218-1	30
Octylphenol ethoxylate (OPEO)		30
Polycyclic Aromatic Hydrocarbons (PAH)	AfPS GS 2014:01	0.2
Solvents and Volatile Organic Compounds (VOCs)		
Benzene		1
Tetrachloroethene (Perchloroethylene)		50
Trichloroethylene (TCE)		50
1,1,1-Trichloroethane		50
Tetrachloromethane		50
Trichloromethane (Chloroform)		50
1,1,2-Trichloroethane	Solvent extraction/GC-MS or	50
1,1,2,2-Tetrachloroethane	LC-MS	50
1,1,1,2-Tetrachloroethane	DMF: ISO/TS 16189	50
Pentachloroethane		50
1,1-Dichloroethylene		50
Dimethylacetamide (DMAC)		50
N,N-Dimethylformamide (DMF)		50
N-Methylpyrrolidone (NMP)]	50
Toluene		50
Chlorinated Aromatics		
Pentachlorophenol (PCP)		0.5
Tetrachlorophenols (TeCP)	§64 LFGB 82.02.8 ISO 17070	0.5
Trichlorophenols	150 17070	0.5
Chlorinated benzenes	DIN 54222	0.1
Chlorinated toluenes	DIN 54232	0.1

TEST ITEMS	TEST METHOD	RECOMMENDED REPORTING LIMIT (MG/KG)
Flame Retardant Restrictions For All Products		
Chlorinated paraffins (SCCP) (C10-C13)		100
Hexabromocyclododecane (HBCDD)		5
Polybrominated biphenyls (PBBs)		5
Tetrabromodiphenyl ether (tetraBDE)		5
Penta-bromodiphenyl ether (pentaBDE)		5
Hexa-bromodiphenyl ether (hexaBDE)		5
Hepta-bromodiphenyl ether (heptaBDE)		5
Octa-bromodiphenyl ether (octaBDE)		5
Deca-bromodiphenyl ether (decaBDE)		5
Tetrabromobisphenol A (TBBP A)		5
Tri-o-cresyl phosphate		5
Tris (2,3-dibromopropyl) phosphate (TRIS)		5
Bis (2,3-dibromopropyl) phosphate		5
Tris(2-chloroethyl) phosphate (TCEP)	ISO 17881-1 ISO 17881-2	5
Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	.50 17001 2	5
Trixylyl phosphate (TXP)		5
Tris (1-aziridinyl)-phosphate oxide (TEPA)		5
Tris (1-chloro-2-propyl) phosphate (TCPP)		5
2,2-Bis(Chloromethyl) Trimethylene Bis[Bis(2-Chloromethyl) phosphate] (V6)		5
4-(tert-Butyl)phenyl diphenyl phosphate (MDPP)		5
Di-tert-butylphenyl phenyl phosphate (DBPP)		5
Tris (4-tert-butylphenyl) phosphate (TBPP)		5
2,2-Bis(bromomethyl)-1,3-propanediol		5
Trimethyl phosphate (TMP)		5
Triphenyl phosphate (TPP)		5
Other flame retardants		5
Restrictions on Packaging		
Cadmium (Cd)		10
Lead (Pb)	CEN /TD 42525 4	10
Chromium, Hexavalent Cr(VI)	CEN/TR 13695-1	3
Mercury (Hg)		10
RoHS		
Cadmium (Cd)		10
Chromium, Hexavalent Cr(VI)	444/54/00// 150 0000 5 5 5	10
Lead (Pb)	111/54/CDV: IEC 62321, Ed. 3	10
Mercury (Hg)		10

TEST ITEMS	TEST METHOD	RECOMMENDED REPORTING LIMIT (MG/KG)
Polybrominated biphenyls (PBB)		10
Polybrominated diphenyl ethers (PBDE)		10
Batteries		
Cadmium (Cd)	EN 16711-1	5
Mercury (Hg)	EN 16711-1	5
Food Contact Materials		
Bisphenol A (BPA)	Solvent extraction/ LC-MS	0.1
Vinyl chloride	ISO 6401	0.5
N-Nitrosamines – Shoe Sole Materials and Toys	GB/T 24153	0.5
Others		
Chlorinated paraffins (SCCP) (C10-C13)	Solvent extraction/ GC-MS	100
p-Phenylenediamine	EN 14362-1 without cleavage	5
2-Phenyl-2-propanol	Solvent extraction / GC-MS	10
Acetophenone	Solvent extraction / GC-MS	10
Vinyl chloride monomer	ISO 6401	0.5

Appendix 4: Index of CAS Numbers

CAS Number	Chemical Substance	RSL Section
50-00-0	Formaldehyde	2E
50-29-3	p,p-Dichlorodiphenyl-trichloroethane (p,p-DDT)	3C
50-32-8	Benzo[a]pyrene or Benzo [def]chrysene	2H, 6D
53-19-0	o,p-Dichlorodiphenyl-dichloroethane (o,p-DDD)	3C
53-70-3	Dibenzo[a,h]anthracene	2H
55-18-5	N-nitrosodiethylamine	20
56-23-5	Tetrachloromethane (CCI ₄)	2I, 4B Group 4
56-35-9	Bis(tributyltin)oxide (TBTO)	2F
56-38-2	Parathion	3C
56-55-3	Benzo[a]anthracene	2H, 6D
56-72-4	Coumaphos	3C
57-74-9	Chlordane	3C
58-90-2	2,3,4,6-Tetrachlorophenol	2J
59-89-2	N-nitrosomorpholine	20
60-09-3	4-Aminoazobenzene	2A, 6D
60-51-5	Dimethoate	3C
60-57-1	Dieldrin	3C
62-75-9	N-Nitrosodimethylamine	20
63-25-2	Carbaryl	3C
64-67-5	Diethyl sulphate	6D
67-66-3	Trichloromethane (Chloroform)	21
68-12-2	N,N-Dimethylformamide (DMF)	2I, 6D
71-43-2	Benzene	21
71-55-6	1,1,1-Trichloroethane (C ₂ H ₃ Cl ₃)	2I, 4B Group 5
72-20-8	Endrine	3C
72-43-5	Methoxychlor	3C
72-54-8	p,p-Dichlorodiphenyl-dichloroethane (p,p-DDD)	3C
72-55-9	p,p-Dichlorodiphenyl-dichloroethylene (p,p-DDE)	3C
72-56-0	Perthane	3C
74-83-9	CH₃Br	4B Group 6
74-97-5	CH ₂ BrCl	4B Group 8
75-01-4	Vinyl Chloride	2N, 2P
75-10-5	HFC-32 - CH ₂ F ₂	4A
75-12-7	Formamide	6D
75-35-4	1,1-Dichloroethylene	21
75-37-6	HFC-152a - C ₂ H ₄ F ₂	4A
75-43-4	CHFCl ₂	4C
75-45-6	CHF ₂ Cl	4C

CAS Number	Chemical Substance	RSL Section
75-46-7	HFC-23 - CHF₃	4A
75-63-8	CF₃Br	4B Group 2
75-68-3	C ₂ H ₃ F ₂ Cl	4C
75-69-4	CFCl₃	4B Group 1
75-71-8	CF ₂ Cl ₂	4B Group 1
75-72-9	CF₃Cl	4B Group 3
75-73-0	Perfluoromethane - CF ₄	4A
75-88-7	C ₂ H ₂ F ₃ Cl	4C
76-01-7	Pentachloroethane	21
76-12-0	$C_2F_2CI_4$	4B Group 3
76-13-1	$C_2F_3CI_3$	4B Group 1
76-14-2	$C_2F_4CI_2$	4B Group 1
76-15-3	C ₂ F ₅ Cl	4B Group 1
76-16-4	Perfluoroethane - C ₂ F ₆	4A
76-19-7	Perfluoropropane - C₃F ₈	4A
76-44-8	Heptachlor	3C
78-30-8	Tri-o-cresyl phosphate	2K
78-33-1	Tris (4-tert-butylphenyl) phosphate (TBPP)	2K
78-48-8	DEF	3C
79-00-5	1,1,2-Trichloroethane	21
79-01-6	Trichloroethylene (TCE)	21
79-34-5	1,1,2,2-Tetrachloroethane	21
80-05-7	Bisphenol A (BPA)	2N, 6D
80-46-6	p-(1,1-dimethylpropyl)phenol	6D
81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	6D
82-28-0	Disperse Orange 11	2B
82-68-8	Quintozene	3C
83-32-9	Acenaphthene	2H
84-61-7	Dicyclohexyl phthalate (DCHP)	2D, 6D
84-66-2	Diethyl phthalate (DEP)	2D
84-69-5	Di-iso-butyl phthalate (DIBP)	2D, 2L, 2N
84-74-2	Dibutyl phthalate (DBP)	2D, 2L, 2N, 6D
84-75-3	Di-n-hexyl phthalate (DnHP or DHEXP)	2D, 2L, 2N, 6D
85-01-8	Phenanthrene	2H, 6D
85-68-7	Butyl benzyl phthalate (BBP)	2D, 2L, 2N, 6D
86-50-0	Azinophosmethyl	3C
86-73-7	Fluorene	2H
87-62-7	2,6-Xylidine	2A
87-86-5	Pentachlorophenol (PCP)	2J
88-06-2	2,4,6-Trichlorophenol	2J
88-85-7	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	3C, 6D

CAS Number	Chemical Substance	RSL Section
90-04-0	2-Methoxyaniline; o-Anisidine	2A, 6D
90-94-8	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	6D
91-20-3	Naphthalene	2H
91-22-5	Quinoline	2P
91-59-8	2-Naphthylamine	2A
91-94-1	3,3´-Dichlorobenzidine	2A
92-67-1	4-Aminodiphenyl, Biphenyl-4-ylamine	2A, 6D
92-87-5	Benzidine	2A
93-65-2	Mecoprop	3C
93-72-1	2-(2,4,5-Trichlorophenoxy) propionic acid, salts, compounds	3C
93-76-5	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T), salts, compounds	3C
94-74-6	MCPA	3C
94-75-7	2,4-Dichlorophenoxy-acetic acid, its salts and compounds (2,4-D)	3C
94-81-5	МСРВ	3C
95-53-4	o-Toluidine	2A, 6D
95-68-1	2,4-Xylidine	2A
95-69-2	4-Chloro- <i>o</i> -toluidine	2A
95-80-7	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	2A, 6D
95-95-4	2,4,5-Trichlorophenol	2J
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	3C
96-45-7	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	6D
97-56-3	o-aminoazotoluene	2A, 6D
98-07-7	α,α,α-trichlorotoluene	2J
98-86-2	Acetophenone	2P
99-55-8	2-Amino-4-nitrotoluene	2A
100-44-7	α-chlorotoluene	2J
100-75-4	N-nitrosopiperidine	20
101-14-4	4,4'-Methylene-bis-(2-chloraniline), 2,2'-dichloro-4,4'-methylenedianiline	2A, 6D
101-77-9	4,4'- Diaminodiphenylmethane (MDA)	2A, 6D
101-80-4	4,4'-Oxydianiline	2A, 6D
106-47-8	<i>p</i> -Chloroaniline	2A
106-50-3	p-Phenylendiamine	2P
106-93-4	Ethylene Dibromide (EDB)	3C
107-06-2	1,2-dichloroethane	6D
107-15-3	Ethylenediamine (EDA)	6D
108-88-3	Toluene	21
108-90-7	Chlorobenzene	2J
115-25-3	Perfluorocyclobutane -c- C ₄ F ₈	4A
115-29-7	Endosulfan	3C
115-32-2	Dicofol	3C

CAS Number	Chemical Substance	RSL Section
115-86-6	Triphenyl phosphate (TPP)	2K
115-96-8	Tris(2-chloroethyl) phosphate (TCEP)	2K
116-06-3	Aldicarb	3C
117-81-7	Bis(2-ethylhexyl) phthalate (DEHP)	2D, 2L, 2N, 6D
117-82-8	Bis(2-methoxyethyl) phthalate (DMEP)	2D, 2L, 2N, 6D
117-84-0	Di-n-octyl phthalate (DNOP)	2D, 2L, 2N
118-74-1	Hexachlorobenzene	2J, 3C
119-15-3	Disperse Yellow 1	2B
119-90-4	3,3´-Dimethoxybenzidine	2A
119-93-7	3,3´-Dimethylbenzidine	2A
120-12-7	Anthracene	2H, 6D
120-36-2	Dichlorprop	3C
120-71-8	6-methoxy-m-toluidine (p-cresidine)	2A, 6D
121-75-5	Malathion	3C
123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	6D
124-73-2	C ₂ F ₄ Br ₂	4B Group 2
126-72-7	Tris (2,3-dibromopropyl) phosphate (TRIS)	2K
127-18-4	Tetrachloroethene (Perchloroethylene)	21
127-19-5	Dimethylacetamide (DMAC), N,N-dimethylacetamide	2I, 6D
129-00-0	Pyrene	2H, 6D
131-11-3	Dimethyl phthalate (DMP)	2D
131-18-0	Di-n-pentyl phthalate (DnPP or DPENP)	2D, 2L, 2N, 6D
137-17-7	2,4,5-Trimethylaniline	2A
139-65-1	4,4'-Thiodianiline	2A
140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol	6D
141-66-2	Dicrotophos	3C
143-50-0	Kepone	3C
189-55-9	Dibenzo[a,i]pyrene	2H
189-64-0	Dibenzo[a,h]pyrene	2H
191-24-2	Benzo[ghi]perylene	2H, 6D
191-30-0	Dibenzo[a,l]pyrene	2H
192-65-4	Dibenzo[a,e]pyrene	2H
192-97-2	Benzo[e]pyrene	2H
193-39-5	Indeno[1,2,3-cd]pyrene	2H
205-82-3	Benzo[j]fluoranthene	2H
205-99-2	Benzo[b]fluoranthene; 3,4-Benz[e]acephenanthrylene	2H
206-44-0	Fluoranthene	2H, 6D
207-08-9	Benzo[k]fluoranthene	2H, 6D
208-96-8	Acenaphthylene	2H
218-01-9	Chrysene	2H, 6D
297-78-9	Telodrin	3C

CAS Number	Chemical Substance	RSL Section
298-00-0	Methyl Parathion	3C
306-83-2	C ₂ HF ₃ Cl ₂	4C
309-00-2	Aldrin	3C
333-41-5	Diazinon	3C
335-67-1	Pentadecafluorooctanoic acid (PFOA)	6D
335-76-2	Nonadecafluorodecanoic acid (PFDA)	6D
353-59-3	CF ₂ ClBr	4B Group 2
354-14-3	C ₂ HFCl ₄	4C
354-21-2	C ₂ HF ₂ Cl ₃	4C
354-33-6	HFC-125 - C ₂ HF ₅	4A
354-56-3	C₂FCl₅	4B Group 3
355-25-9	Perfluorobutane - C ₄ F ₁₀	4A
355-42-0	Perfluorohaxane - C ₆ F ₁₄	4A
359-28-4	C ₂ H ₂ FCl ₃	4C
359-35-3	HFC-134 - C ₂ H ₂ F ₄	4A
375-95-1	Perfluorononan-1-oic acid	6D
406-58-6	HFC-365mfc - CF ₃ CH ₂ CF ₂ CH ₃	4A
420-46-2	HFC-143 - C ₂ H ₃ F ₃	4A
420-97-3	C ₃ H ₅ FCl ₂	4C
421-02-3	C ₃ H ₅ F ₂ Cl	4C
421-41-0	C₃H₄FCl₃	4C
421-94-3	C₃H₂FCl₅	4C
422-26-4	C₃HFCl ₆	4C
422-49-1	C ₃ HF ₂ Cl ₅	4C
422-52-6	C ₃ HF ₃ Cl ₄	4C
422-54-8	C₃HF₄Cl₃	4C
422-56-0	$C_3HF_5Cl_2$	4C
422-78-6	C₃FCl ₇	4B Group 3
422-86-6	C₃F ₇ Cl	4B Group 3
425-94-5	$C_3H_2F_4CI_2$	4C
430-55-7	C₃H ₆ FCI	4C
431-63-0	HFC-236ea - CHF₂CHFCF₃	4A
431-87-8	C₃HF ₆ Cl	4C
431-89-0	HFC-227ea - C ₃ HF ₇	4A
460-35-5	C ₃ H ₄ F ₃ Cl	4C
460-63-9	C ₃ H ₃ F ₂ Cl ₃	4C
460-69-5	C ₃ H ₃ F ₃ Cl ₂	4C
460-73-1	HFC-245fa - CHF ₂ CH ₂ CF ₃	4A
460-89-9	C ₃ H ₂ F ₂ Cl ₄	4C
460-92-4	C₃H₂F₅CI	4C
465-73-6	Isodrin	3C

CAS Number	Chemical Substance	RSL Section
470-46-6	HFC-143a - C ₂ H ₃ F ₃	4A
470-90-6	Chlorfenvinphos	3C
507-55-1	C ₃ HF ₅ Cl ₂	4C
512-56-1	Trimethyl phosphate (TMP)	2K
513-78-0	Cadmium carbonate	6D
540-97-6	Dodecamethylcyclohexasiloxane (D6)	2E, 6D
541-02-6	Decamethylcyclopentasiloxane (D5)	2E, 6D
545-55-1	Tris (1-aziridinyl)-phosphate oxide (TEPA)	2K
548-62-9	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	2B, 6D
552-30-7	Benzene-1,2,4-tricarboxylic acid; 1,2 anhydride (trimellitic anhydride) (TMA)	6D
553-00-4	2-Naphthylammoniumacetate	2A
556-67-2	Octamethylcyclotetrasiloxane (D4)	2E, 6D
561-41-1	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	6D
569-61-9	Basic Red 9	2B
573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	2B, 6D
593-53-3	HFC-41 - CH₃F	4A
593-70-4	CH₂FCl	4C
605-50-5	Di-iso-pentyl phthalate (DIPP)	2D, 2L, 2N, 6D
608-73-1	Hexachlorocyclohexane (HCH)	3C
608-93-5	Pentachlorobenzene	2J
609-19-8	3,4,5-Trichlorophenol	2J
612-64-6	N-nitroso-N-ethylaniline	20
614-00-6	N-nitroso-N-methylaniline	20
615-05-4	2,4-Diaminoanisole	2A
617-94-7	2-phenyl-2-propanol	2P
621-64-7	N-nitrosodipropylamine	20
624-49-7	Dimethyl fumarate (DMFu)	2F, 2L
625-45-6	Methoxyacetic acid	6D
629-14-1	1,2-Diethoxyethane	6D
630-20-6	1,1,1,2-Tetrachloroethane	21
632-99-5	Basic Violet 14	2B
661-97-2	C ₃ F ₆ Cl ₂	4B Group 3
666-27-3	C ₃ H ₃ FCl ₄	4C
677-56-5	HFC-236cb - CH ₂ FCF ₂ CF ₃	4A

924-16-3 N-nitrosodibutylamine 20 930-55-2 N-nitrospyrrolidine 20 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1716-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. biphenyl)-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. biphenyl)-4-yl]azo] -5-hydroxy-6-(p	CAS Number	Chemical Substance	RSL Section
683-18-1 Dibutyltin dichloride (DBTC) 6D 690-39-1 HFC-236fa - C ₃ H ₂ F ₆ 4A 730-40-5 Disperse Orange 3 2B 730-40-6 o,p-Dichlorodiphenyl-trichloroethane (o,p-DDT) 3C 811-97-2 HFC-134a - CH ₂ FCF ₃ 4A 819-00-1 C ₃ H ₄ F ₂ Cl ₂ 4C 838-88-0 4,4'-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrosopyrrolidine 2J 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-86-2 Dibron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I.	678-26-2	Perfluoropentane - C ₅ F ₁₂	4A
690-39-1 HFC-236fa - C ₃ H ₂ F ₆ 4A 730-40-5 Disperse Orange 3 2B 789-02-6 α,ρ-Dichlorodiphenyl-trichloroethane (α,ρ-DDT) 3C 811-97-2 HFC-134a - CH ₂ FCF ₃ 4A 819-00-1 C ₃ H ₄ F ₂ Cl ₂ 4C 838-88-0 4,4"-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrosodibutylamine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Dibron trioxide 6D 1303-28-2 Dibron trioxide 6D 1384-37-2 Lead sulfoch	679-86-7	HFC-245ca - C₃H₃F₅	4A
730-40-5 Disperse Orange 3 28 789-02-6 o,ρ-Dichlorodiphenyl-trichloroethane (o,ρ-DDT) 3C 811-97-2 HFC-134a - CH₂FCF₃ 4A 819-00-1 C₃H₄F₂Cl₂ 4C 838-88-0 4,4"-methylenedi-o-toluidine 6D 838-88-0 3,3"-Dimethyl-4,4"-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 933-78-8 2,3,5-Trichlorophenol 2J 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diaroni trioxide 6D 1303-86-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8	683-18-1	Dibutyltin dichloride (DBTC)	6D
789-02-6 o,p-Dichlorodiphenyl-trichloroethane (o,p-DDT) 3C 811-97-2 HFC-134a - CH ₂ FCF ₃ 4A 819-00-1 C ₃ H ₄ F ₂ Cl ₂ 4C 838-88-0 4,4'-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5-Trichlorophenol 2J 1024-57-3 Heptachlor epoxide 3C 163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1334-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 177-00-6	690-39-1	HFC-236fa - C₃H₂F ₆	4A
811-97-2 HFC-134a - CH₂FCF₃ 4A 819-00-1 C₃H₄F₂Cl₂ 4C 838-88-0 4,4'-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrospyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98.8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Dibron trioxide 6D 1303-86-2 Dibron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₃ H ₃ C ₂ C ₂ L 4C 1770-06 C ₂ H ₃ Cl ₂ 4C	730-40-5	Disperse Orange 3	2B
819-00-1 C ₃ H ₄ F ₂ Cl ₂ 4C 838-88-0 4,4'-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrosopyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-86-2 Dibron trioxide 6D 1303-86-2 Dibron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Triffuralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1770-06 C ₂ H ₃ FCl ₂ 4C 1776-32-3-1 Perfluorooctane sulfonate (PFO	789-02-6	o,p-Dichlorodiphenyl-trichloroethane (o,p-DDT)	3C
838-88-0 4,4'-methylenedi-o-toluidine 6D 838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 2I, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrospyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-28-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₂ F ₂ Cl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1937-37-7	811-97-2	HFC-134a - CH₂FCF₃	4A
838-88-0 3,3'-Dimethyl-4,4'-diamino-diphenylmethane 2A 872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 21, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrospyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1582-09-8 Trifluralin 3C 1649-08-7 CyH2r2Cl2 4C 1717-00-6 CyH3rCl2 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C	819-00-1	C ₃ H ₄ F ₂ Cl ₂	4C
872-50-4 N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone 21, 6D 877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrospyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 177-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 yilagol -5-hydroxy-6-(pheny	838-88-0	4,4'-methylenedi-o-toluidine	6D
877-11-2 Pentachlorotoluene 2J 924-16-3 N-nitrosodibutylamine 2O 930-55-2 N-nitrospyrrolidine 2O 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 ylljazol -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5	838-88-0	3,3´-Dimethyl-4,4´-diamino-diphenylmethane	2A
924-16-3 N-nitrosodibutylamine 20 930-55-2 N-nitrospyrrolidine 20 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1303-28-2 Diarsenic pentaoxide 6D 1303-28-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1717-00-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. biphenyl]-4-yl	872-50-4	N-Methylpyrrolidone (NMP), 1-Methyl-2-pyrrolidone	2I, 6D
930-55-2 N-nitrospyrrolidine 20 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1776-0-1 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅	877-11-2	Pentachlorotoluene	2J
930-55-2 N-nitrospyrrolidine 20 933-78-8 2,3,5-Trichlorophenol 2J 935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1776-0-1 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅	924-16-3	N-nitrosodibutylamine	20
935-95-5 2,3,5,6-Tetrachlorophenol 2J 959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-y]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2475-45-8 Disperse Blue 1 2B	930-55-2	N-nitrospyrrolidine	20
959-98-8 alpha-Endosulfan 3C 1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4¹-[(2,4-diaminophenyl)azo][1,1¹-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B	933-78-8	2,3,5-Trichlorophenol	2J
1024-57-3 Heptachlor epoxide 3C 1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B	935-95-5	2,3,5,6-Tetrachlorophenol	2J
1163-19-5 Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE) 2K, 6D 1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-y]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B <td>959-98-8</td> <td>alpha-Endosulfan</td> <td>3C</td>	959-98-8	alpha-Endosulfan	3C
1303-28-2 Diarsenic pentaoxide 6D 1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1024-57-3	Heptachlor epoxide	3C
1303-86-2 Diboron trioxide 6D 1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1163-19-5	Bis(pentabromophenyl) ether, Decabromodiphenyl ether (DecaBDE)	2K, 6D
1336-36-3 Halogenated biphenyls 3D 1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1303-28-2	Diarsenic pentaoxide	6D
1344-37-2 Lead sulfochromate yellow (C.I. Pigment Yellow 34) 6D 1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1303-86-2	Diboron trioxide	6D
1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1336-36-3	Halogenated biphenyls	3D
1582-09-8 Trifluralin 3C 1649-08-7 C ₂ H ₂ F ₂ Cl ₂ 4C 1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	6D
1717-00-6 C ₂ H ₃ FCl ₂ 4C 1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1582-09-8	Trifluralin	3C
1746-01-6 2,3,7,8-Tetrachlorodibenzo-p-dioxin 3A Group 1 1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1649-08-7	C ₂ H ₂ F ₂ Cl ₂	4C
1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1717-00-6	C ₂ H ₃ FCl ₂	4C
1763-23-1 Perfluorooctane sulfonate (PFOS) 2E 1910-42-5 Paraquat 3C 1937-37-7 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2B, 6D 2354-06-5 C ₃ F ₃ Cl ₅ 4B Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1746-01-6	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin	3A Group 1
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 2354-06-5	1763-23-1	Perfluorooctane sulfonate (PFOS)	2E
1937-37-7 yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) 28,6D 2354-06-5 C₃F₃Cl₅ 48 Group 3 2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1910-42-5	Paraquat	3C
2381-21-7 1-Methylpyrene 2H 2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	1937-37-7	yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I.	2B, 6D
2385-85-5 Mirex 3C 2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	2354-06-5	C ₃ F ₃ Cl ₅	4B Group 3
2425-06-1 Captafol 3C 2475-45-8 Disperse Blue 1 2B 2475-46-9 Disperse Blue 3 2B	2381-21-7	1-Methylpyrene	2H
2475-45-8 Disperse Blue 1 28 2475-46-9 Disperse Blue 3 28	2385-85-5	Mirex	3C
2475-46-9 Disperse Blue 3 2B	2425-06-1	Captafol	3C
·	2475-45-8	Disperse Blue 1	2B
2551-62-4 Sulfur hexafluoride - SF ₆ 4A	2475-46-9	Disperse Blue 3	2B
	2551-62-4	Sulfur hexafluoride - SF ₆	4A

CAS Number	Chemical Substance	RSL Section
2580-56-5	[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	6D
2581-69-3	Disperse Orange 1	2B
2602-46-2	Direct Blue 6	2B
2642-71-9	Azinophosethyl	3C
2832-40-8	Disperse Yellow 3	2B
2837-89-0	C ₂ HF ₄ Cl	4C
2872-48-2	Disperse Red 11	2B
2872-52-8	Disperse Red 1	2B
3108-42-7	Ammonium nonadecafluorodecanoate	6D
3165-93-3	4-chloro-o-toluidinium chloride	2A
3179-89-3	Disperse Red 17	2B
3179-90-6	Disperse Blue 7	2B
3182-26-1	C ₃ F ₂ Cl ₆	4B Group 3
3194-55-6	1,2,5,6,9,10-hexabromocyclo-dodecane and its main diastereoisomers	2K, 6D
3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin	3A Group 3
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	2K
3424-82-6	o,p-Dichlorodiphenyl-dichloroethylene (o,p-DDE)	3C
3761-53-3	Acid Red 26	2B
3825-26-1	Perfluorooctanoic ammonium salt, Ammonium pentadecafluorooctanoate (APFO)	2E, 6D
3830-45-3	Sodium nonadecafluorodecanoate	6D
3846-71-7	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	6D
3860-63-7	Disperse Blue 26	2B
3864-99-1	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	6D
4149-60-4	Ammonium salts of perfluorononan-1-oic-acid	6D
4234-79-1	Kelevan	3C
4259-43-2	$C_3F_5CI_3$	4B Group 3
4824-78-6	Bromophos-ethyl	3C
4901-51-3	2,3,4,5-Tetrachlorophenol	2J
5216-25-1	$\alpha, \alpha, \alpha, 4$ -Tetrachlorotoluene	2J
5412-25-9	Bis (2,3-dibromopropyl) phosphate	2K
6164-98-3	Chlordimeform	3C
6250-23-3	Disperse Yellow 23	2B
6373-73-5	Disperse Yellow 9	2B
6786-83-0	α, α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Basic Violet 3)	6D
6807-17-6	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6D
6923-22-4	Monocrotophos	3C
7085-19-0	Mecoprop	3C

CAS Number	Chemical Substance	RSL Section
7125-84-0	C ₃ H ₂ F ₃ Cl ₃	4C
7439-92-1	Lead (Pb)	2C, 2L, 2M, 6D
7439-97-6	Mercury (Hg)	2C, 2L, 2M
7440-02-0	Nickel (Ni)	2C
7440-36-0	Antimony (Sb)	2C
7440-38-2	Arsenic (As)	2C
7440-39-3	Barium (Ba)	2C
7440-43-9	Cadmium (Cd)	2C, 2L, 2M
7440-47-3	Chromium (Cr)	2C
7440-48-4	Cobalt (Co)	2C
7440-50-8	Copper (Cu)	2C
7646-79-9	Cobalt dichloride	6D
7782-49-2	Selenium (Se)	2C
7786-34-7	Phosdrin/Mevinphos	3C
7789-12-0	Sodium dichromate	6D
8001-35-2	Toxaphene	3C
8001-50-1	Strobane	3C
8012-00-8	Pyrochlore, antimony lead yellow	6D
9002-86-2	PVC	2L, 2N
10265-92-6	Metamidophos	3C
10325-94-7	Cadmium nitrate	6D
10588-01-9	Sodium dichromate	6D
11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	6D
12001-29-5	Chrysotile	3B
12008-41-2	Disodium octaborate	6D
12172-73-5	Amosite	3B
12222-75-2	Disperse Blue 35	2B
12222-97-8	Disperse Blue 102	2B
12223-01-7	Disperse Blue 106	2B
12223-33-5	Disperse Orange 37/59 – 76	2B
12236-29-2	Disperse Yellow 39	2B
12656-85-8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	6D
13301-61-6	Disperse Orange 37/59 – 76	2B
13593-03-8	Quinalphos	3C
13674-84-5	Tris (2-chloroethyl) phosphate (TCPP)	2K
13674-87-8	Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	2K
14567-73-8	Tremolite	3B
15087-24-8	1,7,7-Trimethyl-3-(phenylmethylene)-bicyclo[2.2.1]heptan-2-one	6D
15572-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	6D
15950-66-0	2,3,4-Trichlorophenol	2J

CAS Number	Chemical Substance	RSL Section
16071-86-6	Direct Brown 95	2B
18540-29-9	Chromium, Hexavalent Cr(VI)	2C, 2L, 2M
19408-74-3	1,2,3,7,8,9-Hexachloro-dibenzo- <i>p</i> -dioxin	3A Group 2
21041-95-2	Cadmium hydroxide	6D
21049-39-8	Sodium salts of perfluorononan-1-oic-acid	6D
21436-97-5	2,4,5-trimethylaniline hydrochloride	2A
23355-64-8	Disperse Brown 1	2B
25167-83-3	Tetrachlorophenol (TeCP)	2J
25637-99-4	Hexabromocyclododecane (HBCDD)	2K
25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	6D
26040-51-7	Bis (2-ethylheaxyl)-2,3,4,5-tetrabromophthalate (TBPH)	2K
26761-40-0	Di-iso-decyl phthalate (DIDP)	2D, 2L, 2N
27208-37-3	Cyclopenta[c,d]pyrene	2H
28553-12-0	Di-iso-nonyl phthalate (DINP)	2D, 2L, 2N
28777-70-0	Tris (4-tert-butylphenyl) phosphate (TBPP)	2K
29255-31-0	C ₃ F ₄ Cl ₄	4B Group 3
31218-83-4	Propethamphos	3C
32534-81-9	Penta-bromodiphenyl ether (pentaBDE)	2K
32536-52-0	Octa-bromodiphenyl ether (octaBDE)	2K
33213-65-9	beta-Endosulfan	3C
35822-46-9	1,2,3,4,6,7,8-Heptachloro-dibenzo-p-dioxin	3A Group 3
36437-37-3	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	6D
38051-10-4	2,2-Bis(Chloromethyl) Trimethylene Bis[Bis(2-Chloromethyl) phosphate] (V6)	2K
39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	3A Group 3
39156-41-7	4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	2A
39227-28-6	1,2,3,4,7,8-Hexachloro-dibenzo- <i>p</i> -dioxin	3A Group 2
40321-76-4	1,2,3,7,8-Pentachloro-dibenzo- <i>p</i> -dioxin	3A Group 1
41198-08-7	Profenophos	3C
49663-84-5	Pentazinc chromate octahydroxide	6D
50585-41-6	2,3,7,8-Tetrabromodibenzo- <i>p</i> -dioxin	3A Group 4
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	3A Group 1
51630-58-1	Fenvalerate	3C
52315-07-8	Cypermethrin	3C
52918-63-5	Deltamethrin	3C
53469-21-9	Polychlorinated biphenyl (PCB)	3D
54824-37-2	Disperse Yellow 49	2B
55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3A Group 3
56524-76-6	Disperse Blue 35B	2B
56524-77-7	Disperse Blue 35A	2B
56803-37-3	4-(tert-butyl)phenyl diphenyl phosphate (MDPP)	2K

CAS Number	Chemical Substance	RSL Section
57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3A Group 1
57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3A Group 2
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3A Group 2
57648-21-2	Timiperone (DTTB)	3C
57653-85-7	1,2,3,6,7,8-Hexachloro-dibenzo-p-dioxin	3A Group 2
59536-65-1	Polybrominated biphenyls (PBBs)	2K, 2M
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3A Group 2
61788-32-7	Terphenyl hydrogenated	6D
61951-51-7	Disperse Blue 124	2B
65652-41-7	di-tert-butylphenyl phenyl phosphate (DBPP)	2K
66230-04-4	Esfenvalerate	3C
67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3A Group 3
67933-57-7	2,3,7,8-Tetrabromodibenzofuran	3A Group 4
68141-02-6	Perfluorooctanoic acid (PFOA)	2E
68359-37-5	Cyfluthrin	3C
68515-42-4	Di-heptyl, nonyl, undecyl phthalate (DHNUP)	2D, 2L, 2N
68515-48-0	Di-iso-nonyl phthalate (DINP)	2D, 2L, 2N
68515-49-1	Di-iso-decyl phthalate (DIDP)	2D, 2L, 2N
68515-50-4	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	2D, 6D
68515-51-5	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters with ≥ 0.3% of dihexyl phthalate	6D
68648-91-1	1,2- Benzenedicarboxylic acid mixed decyl, hexyl and octyl di-ester with ≥ 0.3% of dihexyl phthalate	6D
68648-93-1	1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	2D, 6D
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3A Group 2
71888-89-6	Di-iso-heptyl phthalate (DIHP)	2D, 2L, 2N, 6D
72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3A Group 2
76253-60-6	Monomethyl-tetrachloro-diphenyl methane	3D
77536-66-4	Actinolite	3B
77536-67-5	Anthophyllite	3B
77536-68-6	Tremolite	3B
81161-70-8	Monomethyl-dichloro-diphenyl methane	3D
84777-06-0	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	2D, 2L, 2N, 6D
85136-74-9	Disperse Orange 149	2B
85535-84-8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	2K, 2P, 6D
85535-85-9	Medium chain Chlorinated Paraffins (MCCP) (C14-C17)	2P
91465-08-6	Cyhalothrin	3C
99688-47-8	Monomethyl-dibromo-diphenyl methane	3D
107555-93-1	1,2,3,7,8-Pentabromodibenzofuran	3A Group 5
109333-34-8	1,2,3,7,8-Pentabromo-dibenzo- <i>p</i> -dioxin	3A Group 4
110999-44-5	1,2,3,4,7,8-Hexabromo-dibenzo- <i>p</i> -dioxin	3A Group 5

CAS Number	Chemical Substance	RSL Section
110999-45-6	1,2,3,6,7,8-Hexabromo-dibenzo- <i>p</i> -dioxin	3A Group 5
110999-46-7	1,2,3,7,8,9-Hexabromo-dibenzo- <i>p</i> -dioxin	3A Group 5
131166-92-2	2,3,4,7,8-Pentabromodibenzofuran	3A Group 4
132207-33-1	Crocidolite	3B
134190-50-4	C ₃ H ₃ F ₄ Cl	4C
134237-50-6	alpha-hexabromocyclododecane	2K
134237-51-7	beta-hexabromocyclododecane	2K
134237-52-8	gamma-hexabromocyclododecane	2K
138495-42-8	HFC-43-10mee - C ₅ H ₂ F ₁₀	4A
143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	6D
183658-27-7	2-Ethylhexyl 2,3,4,5-Tetrabromobenzoate (TBB)	2K
776297-69-9	N-pentyl-iso-pentyl phthalate (NPIPP)	2D, 2L, 2N, 6D