

# THE ICONIC

## CHEMICAL STANDARDS & RESTRICTED SUBSTANCES LIST

### Introduction:

THE ICONIC is committed to ensuring that our products or their manufacture do not put at undue risk the customers who wear them or the workers in our supply chain who make them, and it is essential that our private label and third-party brand suppliers recognise that they too have a responsibility in this endeavour and our Chemical Standards and Restricted Substance List sets out our minimum requirements in this context based on international industry standards including EU REACH protocols.

### Applicability:

The Chemical Standards set out in this document apply to both private label and third-party brand suppliers and their supply chains and non-merchandise suppliers supplying relevant products. It applies to all relevant items sourced by THE ICONIC including products, fabrics, packaging and promotional collateral. Direct suppliers to THE ICONIC are responsible for ensuring that these Chemical Standards are met in their own supply chain.

### Chemical Standards and Restricted Substance List:

Restricted Substance	MATERIAL						RECOMMENDED MAX LIMIT		
	Plastics & other synthetics	Natural fibre	Synthetic fibre	Coating & printing	Leather	Metal	Baby	Children	Adult
Chromium (VI)					X		3 mg/kg	3 mg/kg	3 mg/kg
Azo Dyes		X	X	X (Textile / Leather)	X		30 mg/kg	30 mg/kg	30 mg/kg
Arylamine salts		X	X	X (Textile)			Textile products in skin contact / Footwear: 30 mg/kg	Textile products in skin contact / Footwear: 30 mg/kg	Textile products in skin contact / Footwear: 30 mg/kg

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<b>Nickel Release (direct and prolonged skin contact)</b>						<b>X</b>	Direct and prolonged contact with skin: 0.5 µg/cm <sup>2</sup> / week; Body piercing: 0.2 µg/cm <sup>2</sup> /week	Direct and prolonged contact with skin: 0.5 µg/cm <sup>2</sup> /week; Body piercing: 0.2 µg/cm <sup>2</sup> /week	Direct and prolonged contact with skin: 0.5 µg/cm <sup>2</sup> /week; Body piercing: 0.2 µg/cm <sup>2</sup> /week
<b>Total Cadmium</b>	<b>X</b>			<b>X</b>			Plastic, metal in Jewelry: 100 mg/kg Surface coating/paint on article: 1000 mg/kg Paint: not detected	Plastic, metal in Jewelry: 100 mg/kg Surface coating/paint on article: 1000 mg/kg Paint: not detected	Plastic, metal in Jewelry: 100 mg/kg Surface coating/paint on article: 1000 mg/kg Paint: not detected
<b>Total Lead</b>	<b>X</b>			<b>X</b>	<b>X</b>	<b>X</b>	500 mg/kg	500 mg/kg	500 mg/kg
<b>Phthalates</b>	<b>X</b>			<b>X</b>			Toy or childcare article DEHP+DBP+BBP= 0.1% (Total)  Toy or childcare article intended for use by a child if that product can be placed in the child's mouth DINP+DIDP+DNOP= 0.1% (Total)	Toy DEHP+DBP+BBP= 0.1% (Total)  Toy intended for use by a child if that product can be placed in the child's mouth DINP+DIDP+DNOP= 0.1% (Total)	NA
	<b>X</b> (Exclude fasteners / decorative attachments)			<b>X</b>			Textile products in skin contact / Footwear: DEHP / DBP / BBP / DIHP / DMEP / DiPP / DnPP / DnHP: 1000 mg/kg (Each or Total)	Textile products in skin contact / Footwear: DEHP / DBP / BBP / DIHP / DMEP / DiPP / DnPP / DnHP: 1000 mg/kg (Each or Total)	Textile products in skin contact / Footwear: DEHP / DBP / BBP / DIHP / DMEP / DiPP / DnPP / DnHP: 1000 mg/kg (Each or Total)

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<b>Formaldehyde</b>		<b>X</b>	<b>X</b>	<b>X</b> (Textile)			Textile products in skin contact / Footwear: 75 mg/kg (Jacket / Coats / Upholstery: 300 mg/kg until 1 Nov 2023)	Textile products in skin contact / Footwear: 75 mg/kg (Jacket / Coats / Upholstery: 300 mg/kg until 1 Nov 2023)	Textile products in skin contact / Footwear: 75 mg/kg (Jacket / Coats / Upholstery: 300 mg/kg until 1 Nov 2023)
<b>Alkylphenol Ethoxylates (APEO)</b>		<b>X</b>	<b>X</b>	<b>X</b> (Textile only)			Textile Articles (intended to be washed); NPEO: 100 mg/kg	Textile Articles (intended to be washed); NPEO: 100 mg/kg	Textile Articles (intended to be washed); NPEO: 100 mg/kg
<b>Quinoline</b>		<b>X</b>	<b>X</b>	<b>X</b> (Textile)			Textile products in skin contact / Footwear: 50 mg/kg	Textile products in skin contact / Footwear: 50 mg/kg	Textile products in skin contact / Footwear: 50 mg/kg
<b>Polycyclic aromatic hydrocarbons (PAHs)</b>	<b>X</b>		<b>X</b>	<b>X</b> (Textile / Leather / Polymer)			8 PAH: Toy or Childcare article: 0.5 mg/kg (each) Others: 1.0 mg/kg (each)	8 PAH: Toy: 0.5 mg/kg (each) Others: 1.0 mg/kg (each)	8 PAH: 1.0 mg/kg (each)
<b>Short Chain Chloroparaffins (SCCP) (C10 - C13)</b>	<b>X</b>			<b>X</b> (Textile / Leather / Polymer)	<b>X</b>		1500 mg/kg	1500 mg/kg	1500 mg/kg
<b>Solvents</b>	<b>X</b> (Exclude fasteners / decorative attachments)			<b>X</b> (Textile)			Textile products in skin contact / Footwear:	Textile products in skin contact / Footwear:	Textile products in skin contact / Footwear:
<b>Benzene</b>							5 mg/kg	5 mg/kg	5 mg/kg
<b>Dimethylformamide (DMFa)</b>							3000 mg/kg	3000 mg/kg	3000 mg/kg
<b>N,N-dimethylacetamide (DMAC)</b>							3000 mg/kg	3000 mg/kg	3000 mg/kg
<b>N-methyl-2-pyrrolidone (NMP)</b>							3000 mg/kg	3000 mg/kg	3000 mg/kg

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<b>Chlorotoluenes</b>			X				Textile products in skin contact / Footwear: α,α,α,4-tetrachlorotoluene: 1 mg/kg α,α,α-trichlorotoluene: 1 mg/kg α-chlorotoluene: 1 mg/kg	Textile products in skin contact / Footwear: α,α,α,4-tetrachlorotoluene: 1 mg/kg α,α,α-trichlorotoluene: 1 mg/kg α-chlorotoluene: 1 mg/kg	Textile products in skin contact / Footwear: α,α,α,4-tetrachlorotoluene: 1 mg/kg α,α,α-trichlorotoluene: 1 mg/kg α-chlorotoluene: 1 mg/kg
<b>Extractable Heavy Metal Content</b>							Textile products in skin contact / Footwear:	Textile products in skin contact / Footwear:	Textile products in skin contact / Footwear:
<b>Arsenic (As)</b>							1 mg/kg	1 mg/kg	1 mg/kg
<b>Lead (Pb)</b>		X	X	X (Textile)			1 mg/kg	1 mg/kg	1 mg/kg
<b>Cadmium (Cd)</b>							1 mg/kg	1 mg/kg	1 mg/kg
<b>Chromium VI (Cr VI)</b>							1 mg/kg	1 mg/kg	1 mg/kg
<b>Forbidden Dyes</b>			X	X	X (Textile)		Textile products in skin contact / Footwear: Disperse Blue 1 / Basic Red 9 / Basic Violet 3 with ≥ 0,1 % of Michler's ketone: 50 mg/kg (Each)	Textile products in skin contact / Footwear: Disperse Blue 1 / Basic Red 9 / Basic Violet 3 with ≥ 0,1 % of Michler's ketone: 50 mg/kg (Each)	Textile products in skin contact / Footwear: Disperse Blue 1 / Basic Red 9 / Basic Violet 3 with ≥ 0,1 % of Michler's ketone: 50 mg/kg (Each)
<b>Organotin Compounds</b>	X	X	X	X (Textile / Leather / Polymer)		X	Tri-substituted organostannic compounds: 0.1% by weight of tin DBT: 0.1% by weight of tin DOT: 0.1% by weight of tin	Tri-substituted organostannic compounds: 0.1% by weight of tin DBT: 0.1% by weight of tin DOT: 0.1% by weight of tin	Tri-substituted organostannic compounds: 0.1% by weight of tin DBT: 0.1% by weight of tin DOT: 0.1% by weight of tin

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<b>Perfluorooctane sulfonates (PFOS) (required if sample declared with stain and water repellent finishing)</b>	X	X	X		X		Textile/ Coated material: 1 µg/m <sup>2</sup> Plastic material: 0.1%	Textile/ Coated material: 1 µg/m <sup>2</sup> Plastic material: 0.1%	Textile/ Coated material: 1 µg/m <sup>2</sup> Plastic material: 0.1%
<b>Flame Retardants (required if sample treated with Flame Retardants)</b>	X	X	X				PBB / TRIS / TEPA: Not Detected PentaBDE/ TetraBDE/ HexaBDE/ HeptaBDE: 10 mg/kg HBCDD: 100 mg/kg OctaBDE: 1000 mg/kg DecaBDE: 1000 mg/kg (Effective on 2nd March 2019)	PBB / TRIS / TEPA: Not Detected PentaBDE/ TetraBDE/ HexaBDE/ HeptaBDE: 10 mg/kg HBCDD: 100 mg/kg OctaBDE: 1000 mg/kg DecaBDE: 1000 mg/kg (Effective on 2nd March 2019)	PBB / TRIS / TEPA: Not Detected PentaBDE/ TetraBDE/ HexaBDE/ HeptaBDE: 10 mg/kg HBCDD: 100 mg/kg OctaBDE: 1000 mg/kg DecaBDE: 1000 mg/kg (Effective on 2nd March 2019)
<b>Dimethyl Fumarate (material with skin contact is required if the product is packaged with any form of anti-mold agent)</b>	X	X	X		X		0.1 mg/kg	0.1 mg/kg	0.1 mg/kg

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## Analyte Substances List for Restricted Substances

### Azo dyes

Substances	CAS No.
4-Aminobiphenyl	92-67-1
Benzidine	92-87-5
4-Chlor-o-toluidine	95-69-2
2-Naphthylamine	91-59-8
o-Aminoazotoluene	97-56-3
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8
4-Chloroaniline	106-47-8
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
p-Cresidine	120-71-8
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
4-aminoazobenzene	60-09-3
O-Anisidine	90-04-0

### Arylamine salts

Substances	CAS No.
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
2,4,5-trimethylaniline hydrochloride	21436-97-5

### Forbidden Dyes

Substances	CAS No.
Disperse Blue 1	2475-45-8
Basic Red 9	569-61-9
C.I. Basic Violet 3 with $\geq 0,1\%$ of Michler's ketone	548-62-9

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## Phthalates

Substances	CAS No.
Dibutylphthalate (DBP)	84-74-2
Benzylbutylphthalate (BBP)	85-68-7
Bis-(2-ethylhexyl)phthalate (DEHP)	117-81-7
Di-isononylphthalate (DINP)	28553-12-0
Di-octylphthalate (DNOP)	117-84-0
Di-isodecylphthalate (DIDP)	26761-40-0
Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8
Di-C6-8 branched alkylphthalate (DIHP)	71888-89-6
Di-n-pentylphthalate (DnPP)	131-18-0
Diisopentylphthalate (DiPP)	605-50-5
Di-n-Hexylphthalate (DnHP)	84-75-3

## PAHs

Substances	CAS No.
Benzo[a]anthracene (BaA)	56-55-3
Chrysene (CHR)	218-01-9
Benzo[b]fluoranthene (BbF)	205-99-2
Benzo[j]fluoranthene (BjF)	205-82-3
Benzo[k]fluoranthene (BkF)	207-08-9
Benzo[a]pyrene (BaP)	50-32-8
Benzo[e]pyrene (BeP)	192-97-2
Dibenzo[a,h]anthracene (DBA)	53-70-3

## Organotins

Substances	CAS No.
Dibutyltin (DBT)	Multiple
Diocetyl tin (DOT)	Multiple
<b>Tri-substituted organotin</b>	
Tributyltin (TBT)	Multiple
Tricyclohexyltin (TCyT)	Multiple
Triocetyl tin (TOT)	Multiple
Triphenyltin (TPhT)	Multiple
Tripropyltin (TPT)	Multiple
Trimethyltin (TMT)	Multiple

## Flame Retardants

Substances	CAS No.
Polybrominated Biphenyl (PBB)	59536-65-1
Tris-(2,3-Dibromopropyl) Phosphate (TRIS)	126-72-7
Tris-(Aziridinyl)phosphine Oxide (TEPA)	545-55-1
Pentabromodiphenyl Ether (PentaBDE)	32534-81-9
Tetrabromodiphenyl Ether (TetraBDE)	40088-47-9
Hexabromodiphenyl Ether (HexaBDE)	36483-60-0
Heptabromodiphenyl Ether (HeptaBDE)	446255-22-7
Octabromodiphenyl Ether (OctaBDE)	32536-52-0
Decabromodiphenyl Ether (DecaBDE)	1163-19-5
Hexabromocyclododecane (HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8

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## **Manufacturing Restricted Chemicals List**

THE ICONIC also has expectations of its suppliers in terms of chemicals used in manufacturing of products and raw materials. As such, in line with industry standards, we have adopted the Manufacturing Substances List of the Zero Discharge of Hazardous Chemicals initiative, the latest version of which can be found [here](#). All vendors, and in particular factories producing for THE ICONIC private label brands, must ensure they are operating in line with these specifications and are strongly encouraged to undertake Oeko-tex® Standard 100 certification.

## **Fibre Content**

Suppliers must undertake necessary measures to ensure that the fibre content is in line with the statement on the product care label and in line with the last approved sample provided to THE ICONIC.

## **Compliance**

THE ICONIC expects all suppliers to undertake due diligence to ensure that these standards are being met, including in their own supply chains. THE ICONIC reserves the right to test or check any order or request proof that any order complies with current regulations and legislation, at any stage of production, delivery, sale and after-sale. Should it be found that the standards outlined in this manual are not being met THE ICONIC reserves the right to cancel the order and return the goods in line with the relevant Supplier Trading Agreement.