



# INDEX

## CLEAR TO WEAR

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## DEFINITION OF CLEAR TO WEAR (RESTRICTED SUBSTANCE LIST)

Restricted Substances are chemicals which have been banned from or limited for the use in the final Products.

The manufacturing of a product involves the use of chemicals during the complete process. The final product is required to follow chemical restrictions in order to ensure chemical safety, legal compliance and minimize the impact on the environment. For this task, INDITEX has developed Clear to Wear Standard (hereinafter, CTW) in conformity with the most stringent legislation on product health and those chemicals that, even not being legally restricted, have a potential concern on affecting the safety of both the human health and environment.

Inditex, as member of the AFIRM Group, is working with the industry to reduce the use and impact of harmful substances in the supply chain. CTW and AFIRM RSL share similar restrictions on chemical families and limits, but may have certain deviations in some specific chemical families and/or limits and/or applicable exemptions. In those specific cases, Inditex requirements will always prevail.

CTW is of general and mandatory application for all garments, footwear, home textiles, fabrics and leather supplied to Inditex and certain accessories, such as: handbags, belts, kerchiefs, scarves, imitation jewellery and similar products.

The exclusion of certain articles does not exclude the compliance with any applicable law or regulation and/or certain specific standards of Inditex group for such articles. Products specifically excluded from the scope of this standard are, among others: sunglasses, watches

(internal machinery), food contact articles, toys, candles, electrical and electronic devices, cosmetic and cleaning products, home fragrances, household products (non-textile), decorative items, furniture, cots, high chairs, bassinets and similar products and any other kind of article supplied to Inditex.

The presence of a specific chemical substance is related with specific sources due its chemistry and function in the manufacturing process. A detailed risk assessment per substance is available in AFIRM´s “Chemical Information Sheets”, which include educational information such as substances overview, main sources in the manufacturing process and practical preventive measures to avoid non compliances. Take all necessary precautions in those chemical families identified as partial alignment which have been dully indicated in CTW.



### AFIRM aligned

This symbol identifies those chemical families included in Inditex RSL that share the same individual substances, limits and materials than AFIRM RSL. The “Chemical Information Sheets” can be used with no further precautions.



### AFIRM partially aligned

This symbol identifies chemical families included in Inditex RSL that share partial information regarding substances, limits and materials. All suppliers are advised to use with caution the “Chemical Information Sheets” on these chemical families, as the information may be incomplete to guarantee full compliance with Inditex RSL.

## DEFINITION OF CLEAR TO WEAR (RESTRICTED SUBSTANCE LIST)

The Supplier is the only party responsible for the compliance of the products supplied to Inditex with CTW.

Apart from supplier mandatory obligation to control product's parameters compliance with CTW, INDITEX will assess that compliance at any phase of the manufacturing process, by carrying out "Routine" and "Random Sample" analysis on determined "Models/Quality" at any point of their "Production Cycle".

Notwithstanding with the above, due to the inherent measurement uncertainties of each testing method used to establish compliance of the products with CTW, INDITEX will apply reasonable safety margins for accepting productions beyond the regulated limits established in CTW. Additionally, INDITEX reserves the right to impose specific re-processing to the supplier for those productions which fail to meet the above mentioned safety margins. Specific safety margins will depend on the regulated level of the substance involved:

- For substances with regulated **levels up to 30 ppm**, the acceptable safety margin is No Detection.
- For substances with regulated **levels of 31-150 ppm**, the acceptable safety margin is 40% less of the specific regulated level.
- For substances with regulated **levels greater than 150 ppm**, the acceptable safety margin is 30% less of the specific regulated level.

- For Releasable Nickel with regulated **levels equal or less than 0.5 µg/cm<sup>2</sup>/week**, the acceptable safety margin is 46% less of the specific regulated level.

- For substances with **levels regulated in other type of units**, contact the Sustainability Department of Inditex.

The responsibility of the manufacturers and/or suppliers for guaranteeing compliance with the products supplied to Inditex with CTW does not exempt them from complying with any other Law or Act that applies to these articles, even if it is not specifically included in this Standard. For more information about the commitment to comply with this standard see chapter 5.

For more information and resolve doubts, refer to the buyer of reference and/or of Sustainability Department of Inditex through [ctw@inditex.com](mailto:ctw@inditex.com)

## CHANGE LOG FOR CTW VERSION 2021

Parameter	Modification	Method
APs and APEOs	<ul style="list-style-type: none"> <li>Added Octylphenol and Octylphenol ethoxylate. Limit 100 ppm (sum).</li> </ul>	<ul style="list-style-type: none"> <li>Added new test methods: EN ISO 21084:2019</li> <li>Included new quantification method for measuring APEOS in leather substrates.</li> </ul>
Arylamines	<ul style="list-style-type: none"> <li>Unification of textile and leather limit to 20 ppm.</li> <li>Inclusion of 4 new substances. Addition of important notes.</li> </ul>	<ul style="list-style-type: none"> <li>Updated ISO 17234-1 test method to 2020 version.</li> </ul>
Bisphenols	<ul style="list-style-type: none"> <li>New chemical family.</li> </ul>	
Chlorinated paraffins		<ul style="list-style-type: none"> <li>Added test method: ISO / 18219:2015</li> </ul>
Chlorophenols	<ul style="list-style-type: none"> <li>Changed limit of PCP + TeCP and its salts to 0.5 ppm (sum).</li> <li>Added Trichlorophenols.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: DIN 50009:2021</li> <li>Removed test method UNE 59510.</li> </ul>
Dimethyl fumarate		<ul style="list-style-type: none"> <li>Added test method: EN 17130:2019</li> </ul>
Flame retardants	<ul style="list-style-type: none"> <li>Added 7 new substances.</li> </ul>	<ul style="list-style-type: none"> <li>Added test methods: ISO 17881-1: 2016/ ISO 17881-2: 2016</li> </ul>
Formaldehyde	<ul style="list-style-type: none"> <li>Added additional information about EU update.</li> <li>Changed limit to 16 ppm for synthetic leather for users &lt; 3 years old.</li> </ul>	
Isocyanates	<ul style="list-style-type: none"> <li>Removed this family.</li> </ul>	
Nitrosamines	<ul style="list-style-type: none"> <li>Changed from sum limit to individual limit.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: ISO 19577:2019</li> </ul>
Organochlorinated compounds	<ul style="list-style-type: none"> <li>Added 4 new substances.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: EN 17137:2018</li> </ul>
Organotin compounds	<ul style="list-style-type: none"> <li>Added 2 new CAS numbers for TBT.</li> <li>Added additional information regarding related substances.</li> </ul>	<ul style="list-style-type: none"> <li>Removed test methods ISO 17353:2005</li> <li>Added test methods: ISO 22744-1:2020/ ISO 22744-2:2020</li> <li>Reassigned test method CEN ISO/ TS 16179 for testing leather substrates.</li> </ul>
Ortho-phenylphenol	<ul style="list-style-type: none"> <li>Changed limit to 100 ppm.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: EN ISO 13365-2:2020</li> </ul>
Perfluorocarbon compounds (PFCs)	<ul style="list-style-type: none"> <li>Added 25 ppb limit.</li> <li>Added 6 new substances.</li> </ul>	<ul style="list-style-type: none"> <li>Removed test methods CEN/TS 15968:2010</li> <li>Added test method: ITX-PFAS-TXT-2020B</li> </ul>

## CHANGE LOG FOR CTW VERSION 2021

Parameter	Modification	Method
Phthalates	<ul style="list-style-type: none"> <li>• Changed limit to 500 ppm (individual) and 1000 ppm (sum).</li> <li>• Added 16 new substances.</li> </ul>	<ul style="list-style-type: none"> <li>• Removed test methods ISO 14389:2014 and Norm CEN ISO/TS 16181:2011.</li> <li>• Updated CPSC-CH-C10001-09 test method to 4 version.</li> <li>• Reassigned test method CPSC-CH-C10001-09 for testing all materials.</li> </ul>
Polycyclic aromatic hydrocarbons (PAHs)		<ul style="list-style-type: none"> <li>• Updated AFPS GS test method to 2019 version.</li> </ul>
Quinoline	<ul style="list-style-type: none"> <li>• New chemical family.</li> </ul>	
Volatile organic compounds (VOCs)/ organic solvents	<ul style="list-style-type: none"> <li>• Added 15 new substances also DMFa.</li> <li>• See in detail each individual limits.</li> </ul>	<ul style="list-style-type: none"> <li>• Added specific VOCs annexes according to Ukraine, and Gulf cooperation council requirements.</li> <li>• Added a test method selection annex per the chemical substance.</li> <li>• Added several test methods: <ul style="list-style-type: none"> <li>ISO/TS 16189:2013</li> <li>Extraction with Dichloromethane at 40 °C for 60 min and analysed by GC/MS</li> <li>Extraction with Methanol at 70 °C for 60 min and analysis by LC/MS</li> <li>GC/MS headspace 120 °C for 45 min</li> <li>EN 13130-3 Headspace GCMS</li> </ul> </li> </ul>
Total antimony, barium, chromium, cobalt, selenium	<ul style="list-style-type: none"> <li>• Removed these total limits.</li> </ul>	
Extractable antimony	<ul style="list-style-type: none"> <li>• Leather scope applied to all markets.</li> <li>• Consolidation of the limit in different materials and changed limits.</li> </ul>	<ul style="list-style-type: none"> <li>• Added test methods: <ul style="list-style-type: none"> <li>DIN EN 16711-2:2016</li> <li>ASTM F2923:2020</li> </ul> </li> <li>• Removed test method UNE 59511-2.</li> <li>• Updated ISO 17072-1 test method to 2020 version.</li> </ul>
Total arsenic		<ul style="list-style-type: none"> <li>• Added test method: <ul style="list-style-type: none"> <li>DIN EN 16711-1:2016</li> </ul> </li> <li>• Updated ISO 17072-2 test method to 2020 version.</li> </ul>
Extractable arsenic, barium and selenium		<ul style="list-style-type: none"> <li>• Added test methods: <ul style="list-style-type: none"> <li>DIN EN 16711-2:2016</li> <li>ASTM F2923:2020</li> </ul> </li> <li>• Removed test method UNE 59511-2.</li> <li>• Updated ISO 17072-1 test method to 2020 version.</li> </ul>
Total cadmium	<ul style="list-style-type: none"> <li>• Changed limit to 40 ppm in all materials.</li> </ul>	<ul style="list-style-type: none"> <li>• Removed test method EN 1122:2001.</li> </ul>
Extractable Cadmium	<ul style="list-style-type: none"> <li>• Changed limit to 40 ppm in Leather, plastics, metallic parts, paints, surface coatings and synthetic leather</li> </ul>	

## CHANGE LOG FOR CTW VERSION 2021

Parameter	Modification	Method
Extractable chromium, cobalt and copper		<ul style="list-style-type: none"> <li>Added test method: DIN EN 16711-2:2016</li> <li>Updated ISO 17072-1 test method to 2020 version.</li> </ul>
Extractable chromium (VI)	<ul style="list-style-type: none"> <li>Changed limit to 1 ppm for textile materials.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: DIN EN 16711-2:2016 followed by a confirmation with EN ISO 17075-1:2017 in case Chromium is detected.</li> </ul>
Extractable cobalt	<ul style="list-style-type: none"> <li>Leather scope applied to all markets.</li> </ul>	
Total lead		<ul style="list-style-type: none"> <li>Added test method: ASTM F2923:2020</li> <li>Updated ISO 17072-2 test method to 2019 version.</li> </ul>
Extractable lead		<ul style="list-style-type: none"> <li>Updated ISO 17072-1 test method to 2019 version.</li> </ul>
Total mercury, extractable mercury		<ul style="list-style-type: none"> <li>Added/new test method: DIN EN 16711-1:2016/ DIN EN 16711-2:2016</li> <li>Updated ISO 17072 test method to 2019 version.</li> </ul>
Nickel release		<ul style="list-style-type: none"> <li>Updated EN 12472 test method to 2020 version.</li> </ul>
Extractable nickel	<ul style="list-style-type: none"> <li>Changed limit to 1 ppm in all materials.</li> <li>Leather scope applied to all markets.</li> </ul>	<ul style="list-style-type: none"> <li>Added test method: DIN EN 16711-2:2016</li> <li>Updated ISO 17072-1 test method to 2019 version.</li> </ul>

# 01. RESTRICTED SUBSTANCES LIST



## RESTRICTED SUBSTANCES LIST

# Allergenic Dyes



## Scope

- Textile
- Leather
- Synthetic leather

## Limits

### Textile, leather and synthetic leather:

**15 ppm** (individual)

## Test methods

### All materials:

Methods DIN 54231, LFGB §64 BVL B 82.02-10, EN ISO 16373-2:2014 and EN ISO 16373-3:2014

Standard Operational Procedure: SOP-A-017

# APs and APEOs



## Scope

- Textile
- Leather
- Synthetic leather

## Limits

### Textile, leather and synthetic leather:

**100 ppm** (sum)

## Test methods

### Textile and synthetic leather:

AP: EN ISO 21084:2019

APEOS: EN ISO 18254-1:2016 using LC/MS or LC/MS/MS

### Leather:

AP: EN ISO 21084:2019

APEOS: Sample preparation and analysis using EN ISO 18218-1:2015 with quantification according to EN ISO 18254-1:2016

# Arylamines



## Scope

- Textile
- Leather
- Synthetic leather
- Feathers
- Paper

## Limits

### Textile, leather synthetic, leather, feathers and paper:

**20 ppm** (individual)

**Important:** free aromatic Isocyanates TDI (CAS 584-84-9) and MDI (101-68-8) in polymeric materials (such as PU) under certain conditions may release forbidden arylamines TDA (CAS 95-80-7) and MDA (CAS 101-77-9) in the final product leading to arylamine non compliance. All suppliers are advised to keep close monitoring on the production chain and always work under Best Manufacturing Practice available in the industry in order to avoid any free TDI and/or MDI monomere content in the final product.

**Important:** Forbidden dyes listed in Annex I are banned, as they can release one or more legally regulated arylamines by cleavage of their azo group.

## Test methods

### Textile, synthetic leather, feather and paper:

ITX-BS EN 14362-1:2003A, ITX-BS EN 14362-2:2003A, EN ISO 14362-1:2017, EN 14362-1:2003 and EN 14362-2:2003

Confirmation method\*

### Leather:

EN ISO 17234-1:2020

Confirmation method\*

Standard Operational Procedures: SOP-A-005, SOP-A-006, SOP-A-007 and SOP-A-008

**Important:** pigment printing (Yellow, orange, brown and green pigments in prints) and polymeric materials (polymeric materials such as PU) should be always tested using both reduction without extraction (direct reduction or procedure 10.2 in accordance with ISO 14362-1:2017) and reduction with extraction (i.e. colorant extraction or procedure 10.1 in accordance with ISO 14362-1:2017) with chlorobenzene, xylene or any other adequate solvent.

When using ISO 14362-1:2017: Pay attention that false positives (included in the Annex C of the norm) could conflict with certain markets that regulates these substances, particularly the P. R. China, among others. The laboratory shall adequately identify the false positives described in Annex C "Assessment guide. Interpretation of analytical results" in the test report to ensure correct identification and understanding by the reader, including the numerical value of the detection.

\*If the presence of aniline and/or 1,4-phenylenediamine has been detected, the corresponding analysis must be repeated using Method LFBG B 82.02-15 (both materials) or the Norm EN ISO 14362-3:2017 in textiles or the norm EN ISO 17234-2:2011 in leathers to confirm the presence of 4-aminoazobenzene.

## RESTRICTED SUBSTANCES LIST

# Asbestos

## Scope

- Textile

## Limits

### Textile:

Not detected

## Test methods

### Textile:

Method US EPA/600/R-93/116 for qualitative analysis using Polarized Light Microscopy (PLM), X-Ray Diffraction (XRD) and Analytical Transmission Electron Microscopy (AEM) or other Analytical Methods by Microscopy (Polarized Light Microscopy (PLM))

# Bisphenols



## Scope

- Plastics

## Limits

### Plastics:

**1 ppm** (Individual)

Only applicable in products intended to come into contact with the mouth

## Test methods

### Plastics:

Extraction 1g in 20mL THF, sonication for 60min at 60 °C, measurement with LC/MS

## RESTRICTED SUBSTANCES LIST

# Chlorinated Paraffins



## Scope

- Textile
- Leather
- Synthetic leather
- Plastics
- Metallic parts
- Paints
- Surface coatings

## Limits

**Textile, leather, plastics, metallic parts, paints, surface coatings and synthetic leather:**

**20 ppm** (sum)

## Test methods

**All materials:**

ISO 18219:2015

# Chlorophenols



## Scope

- Textile
- Leather
- Synthetic Leather
- Wood
- Cork

## Limits

**Textile, leather and synthetic leather:**

PCP + TeCP and its salts: **0.5 ppm** (sum)

TriCP: **0.5 ppm** (sum)

EXCEPTION:

GCC<sup>1</sup> market:

PCP + TeCP and its salts: ≤ 2 years old: **0.05 ppm** (sum)

**Wood and cork:**

PCP: **5 ppm**

## Test methods

**Textile and synthetic leather:**

DIN 50009-2021 and/or Method LFGB § 64 BVL B 82.02.8

**Leather:**

EN ISO 17070:2015

**Wood and cork:**

CEN/TR 14823:2003

**All materials except wood and cork:**

Standard Operational Procedures: SOP-A-009 and SOP-A-010

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## RESTRICTED SUBSTANCES LIST

# Dimethyl Fumarate



## Scope

- Textile
- Leather
- Plastics
- Wood
- Cork
- Synthetic leather

## Limits

**Textile, leather, plastics, wood, cork and synthetic leather:**

**0.1 ppm**

## Test methods

**Textile:**

EN 17130:2019

**All materials except textile:**

CEN ISO/TS 16186:2012

# Flame retardants



## Scope

- Textile
- Leather
- Plastics
- Synthetic leather

## Limits

**Textile, leather, plastics and synthetic leather:**

TEPA, PBB, BDBPP, TDBPP, TCEP, TDCPP, TXP, HBCDD/HBCD, BBMP, TetraBDE, PentaBDE, HexaBDE, HeptaBDE, OctaBDE, NonaBDE and DecaBDE: **5 ppm** (individual)

TBBPA, TBB, TBPH and TCPP: **1000 ppm** (individual)

## Test methods

**All materials:**

ISO 17881-1: 2016 and ISO 17881-2:2016

# Formaldehyde



## Scope

- Textile
- Leather
- Synthetic Leather
- Terry fabrics

## Limits

### Textile:

- ≤ 3 years old: **16 ppm**
- > 3 years old with direct skin contact: **75 ppm**
- > 3 and ≤ 14 years old with indirect skin contact: **75 ppm**
- > 14 years old with indirect skin contact: **300 ppm**

### EXCEPTIONS:

Morocco market: Textile products for > 3 years old with indirect skin contact: **75 ppm**

Indonesian market: Woven, knitted or crocheted terry fabrics (towels, cloth bathing suits, cloth bathrobes and kitchen linen, among other):  
> 3 years old: **20 ppm**

### Leather and synthetic leather:

- ≤ 3 years old:
  - Leather: **20 ppm**
  - Synthetic leather: **16 ppm**
- > 3 years old with direct skin contact: **75 ppm**
- > 3 and ≤ 14 years old with indirect skin contact: **75 ppm**
- > 14 years old with indirect skin contact: **150 ppm**

### EXCEPTION:

Eurasian Customs Union<sup>2</sup> market: Leather products for ≤ 18 years old: **20 ppm**

**Important:** European Union will change the limit to **75 ppm** for > 3 years old with indirect skin contact on 1st of November 2023 for textile and synthetic leather

## Test methods

### Textile and synthetic leather:

ITX-GB/T 2912.1/2012C and ISO 14184-1:2011

### Leather:

ITX-GB/T 19941.2/2005D, ITX-GB/T 19941.1/2005A, ISO 17226-1:2018 and ISO 17226-2: 2018

Standard Operational Procedures: SOP-A-011 and SOP-A-012

<sup>2</sup> Eurasian Customs Union is comprised by Armenia, Belarus, Kazakhstan, Kyrgyzstan and Russia.

## RESTRICTED SUBSTANCES LIST

## N-Nitrosamines



### Scope

- Rubber

### Limits

#### Rubber:

**0.5 ppm** (individual)

### Test methods

#### Rubber:

EN 12868:2017, GB/T 24153, ISO 19577:2019

## Organochlorinated Compounds



### Scope

- Textile
- Leather
- Synthetic leather

### Limits

#### Textile, leather and synthetic leather:

**1 ppm** (individual)

### Test methods

#### Textile and synthetic leather:

Method DIN 54232:2010-08 and/or EN 17137:2018

#### Leather:

Chromatographic Methods and/or EN 17137:2018

Standard Operational Procedures: SOP-A-015 and SOP-A-026

## RESTRICTED SUBSTANCES LIST

# Organotin Compounds



## Scope

- Textile
- Leather
- Plastics
- Synthetic leather

## Limits

### Textile, leather, plastics and synthetic leather:

TBT and TPhT: **0.5 ppm** (individual)

TCyHT, TMT, TOT, TPT, DOT and tri-substituted organotin compounds (except TBT and TPhT): **1000 ppm** (individual)

DBT:

≤ 3 years old: **1 ppm**

> 3 years old: **1000 ppm**

EXCEPTION:

Saudi Arabia market:

DBT: > 3 years old: **1 ppm**

**Important:** Bis(tributyltin) oxide (TBTO) (CAS 56-35-9) and Dibutyltin dichloride (DBTC) (CAS 683-18-1) under certain aqueous conditions may release forbidden organotins TBT (H based: CAS 36643-28-4, Cl complex: CAS 56573-85-4, Cl based: CAS 1461-22-9 ) and DBT (CAS 1002-53-5) in the final product leading to organotin non compliance.

## Test methods

### Textile, synthetic leather and plastic:

ISO 22744-1:2020 and ISO 22744-2:2020

### Footwear:

CEN ISO/TS 16179:2012

Standard Operational Procedures: SOP-A-018 and SOP-A-019

# Ortho-phenylphenol



## Scope

- Textile
- Leather
- Synthetic Leather

## Limits

### Textile, leather and synthetic leather:

**100 ppm**

EXCEPTIONS:

GCC<sup>1</sup> market:

≤ 3 years old: **0,5 ppm**

> 3 years old: **1 ppm**

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## Test methods

### Textile and synthetic leather:

Chromatographic Methods and/or Method LFGB § 64 BVL B 82.02.8

### Leather:

EN ISO 13365-2:2020



## RESTRICTED SUBSTANCES LIST

# Perfluoroorganic Compounds (PFCs)



## Scope

- Textile
- Leather
- Plastics
- Synthetic leather

## Limits

### Textile, leather, plastics and synthetic leather:

6:2 FTOH and 4:2 FTOH: **10 µg/m<sup>2</sup>** (individual)

Rest of substances: **25 ppb** and **1 µg/m<sup>2</sup>** (individual)

## Test method

### All other materials except leather:

ITX-PFAS-TXT-2020B

### Leather:

EN 23702-1: 2018

# Pesticides



## Scope

- Textile
- Leather

## Limits

### Textile and leather:

**0.5 ppm** (sum)

## Test methods

### All materials:

ISO 15913/DIN 38407 F2 and/or Methods US EPA 8081A, US EPA 8081B and US EPA 8151A

## RESTRICTED SUBSTANCES LIST

# Phthalates



## Scope

- Textile
- Leather
- Plastics
- Synthetic leather

## Limits

### Textile, leather, plastics and synthetic leather:

**500 ppm** (individual)

**1000 ppm** (sum)

## Test methods

### All materials:

CPSC-CH-C1001-09.4

# Polycyclic Aromatic Hydrocarbons (PAHs)



## Scope

- Plastics
- Synthetic leather

## Limits

### Plastics and synthetic leather:

Benzo[a]pyrene, benzo[e]pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[j]fluoranthene, benzo[k]fluoranthene and dibenzo[a,h]anthracene: **1 ppm** (individual)

Naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, indeno[1,2,3-cd]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, dibenzo[a,h]anthracene and benzo[g,h,i]perylene: **10 ppm** (sum)

## Test methods

### Plastics and synthetic leather:

AFPS GS 2019

### Footwear:

CEN ISO/TS 16190:2013

## RESTRICTED SUBSTANCES LIST

# Quinoline



## Scope

- Textile
- Synthetic leather

## Limits

### Textile and synthetic leather:

**50 ppm**

## Test methods

### All materials:

Methods DIN 54231

This substance can be tested along with the rest of "Allergenic Dyes" as they share the same test method

# Volatile Organic Compounds (VOCs)/Organic solvents



## Scope

- Textile
- Leather
- Plastics
- Rubber
- Synthetic leather

## Limits

### Textile, leather, plastics, rubber and synthetic leather:

Benzene: **5 ppm**

Hexachlorobutadiene: **100 ppm**

Dimethylformamide (DMFa): **500 ppm**.

Styrene: **500 ppm**

Rest of substances: **1000 ppm** (individual)

### EXCEPTIONS:

For Join Life orders you should follow the DMFa requirements established in Join Life standard.

For Eurasian Customs Union<sup>2</sup>, Ukraine and GCC<sup>1</sup> markets you should follow additionally the VOCs requirements included in annex III, IV and V respectively.

## Test methods

### All materials:

In order to cover all the substances it is necessary to perform the following methods:

ISO/TS 16189:2013

Extraction with Dichloromethane at 40 °C for 60 min and analysed by GC/MS

Extraction with Methanol at 70 °C for 60 min and analysis by LC/MS  
GC/MS headspace 120 °C for 45 min

EN 13130-3 Headspace GCMS

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

<sup>2</sup> Eurasian Customs Union is comprised by Armenia, Belarus, Kazakhstan, Kyrgyzstan and Russia.

## RESTRICTED SUBSTANCES LIST

# Extractable Antimony



## Scope

- Textile
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Synthetic leather

## Limits

### Textile, leather, plastics and metallic parts:

**30 ppm**

### Paints, surface coatings and synthetic leather:

**60 ppm**

## Test methods

### Textile:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

### Paints, synthetic leather and coating:

ASTM F2923:2020

# Total Arsenic



## Scope

- Textile
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Wood
- Synthetic leather

## Limits

### Textile, leather, plastics, paints, surface coatings and synthetic leather:

≤ 14 years old: **25 ppm**

### Metallic parts:

≤ 14 years old: **25 ppm**

> 14 years old: **1000 ppm**

### Wood:

**1 ppm**

## Test methods

### All materials except Leather:

DIN EN 16711-1:2016

### Leather:

ISO 17072-2:2019

Standard Operational Procedures: SOP-A-001 and SOP-A-002

# Extractable Arsenic



## Scope

- Textile
- Leather
- Synthetic Leather
- Plastics
- Metallic parts
- Paints
- Surface Coatings

## Limits

### Textile and metallic parts (except jewellery and imitation jewellery):

≤ 3 years old: **0.2 ppm**

> 3 years old: **1 ppm**

### Leather:

≤ 3 years old: **0.2 ppm**

> 3 years old: **1 ppm**

### Leather footwear:

≤ 3 years old: **25 ppm**

### Synthetic leather parts of rubber footwear:

**1 ppm** in uppers, lining and insoles of rubber shoes processed by hot vulcanization techniques.

≤ 14 years old: **1 ppm** in uppers, lining and insoles of canvas rubber footwear.

### Plastics and metallic parts (jewellery and imitation jewellery):

≤ 14 years old: **25 ppm**

### Paints, surface coatings and synthetic leather:

**25 ppm**

## Test methods

### All materials except paints and coatings, footwear and leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

### Paints, coatings and synthetic leather:

ASTM F2923:2020

# Extractable Barium



## Scope

- Leather footwear
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Synthetic leather

## Limits

### Leather footwear:

≤ 3 years old: **1000 ppm**

### Plastic and metallic parts:

≤ 14 years old: **1000 ppm**

### Paints, surface coatings and synthetic leather:

**1000 ppm**

## Test methods

### All materials except leather and paints and coatings:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

### Paints, coatings and synthetic leather:

ASTM F2923:2020

## RESTRICTED SUBSTANCES LIST

# Total Cadmium



## Scope

- Textile
- Leather
- Synthetic leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Printed parts
- Wood

## Limits

**Textile, leather, synthetic leather, plastics, metallic parts, paints, surface coatings and printed parts:**

**40 ppm**

### Wood:

≤ 14 years old: **75 ppm**

### EXCEPTION:

Washington State (USA) market: Children's (≤ 12 years old) jewellery and clothing (including footwear) and child care products: **40 ppm**

## Test methods

### All materials except leather:

Inditex's SOP-A-022/023/024

DIN EN 16711-1:2016

### Leather:

ISO 17072-2:2019

# Extractable Cadmium



## Scope

- Textile
- Synthetic Leather
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings

## Limits

### Textile:

**0.1 ppm**

### Synthetic leather parts of rubber footwear:

**0.1 ppm** in uppers, lining and insoles of rubber shoes processed by hot vulcanization techniques.

≤ 14 years old: **0.1 ppm** in uppers, lining and insoles of canvas rubber footwear

### Leather, plastics, metallic parts, paints, surface coatings and synthetic leather:

**40 ppm**

### EXCEPTION:

GCC<sup>1</sup> market: Leather products: **0.1 ppm**

## Test methods

### All materials except leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

# Extractable Chromium



## Scope

- Textile
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Synthetic leather

## Limits

### Textile:

≤ 3 years old: **1 ppm**

> 3 years old: **2 ppm**

### Leather:

Leather footwear intended < 3 years old: **60 ppm**

### EXCEPTIONS:

Egypt market:

Leather footwear > 3 years old: **200 ppm**

GCC<sup>1</sup> market:

Leather products:

≤ 2 years old: **1 ppm**

> 2 years old: **2 ppm**

### Plastics and metallic parts:

≤ 14 years old: **60 ppm**

### Paints, surface coatings and synthetic leather:

**60 ppm**

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## Test methods

### All materials except leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019



# Extractable Chromium (VI)



## Scope

- Textile
- Leather
- Synthetic leather
- Plastics
- Metallic parts
- Paints
- Surface coatings

## Limits

### Textile:

**1 ppm**

#### EXCEPTIONS:

China market: Textile products ≤ 3 years old: **0.5 ppm**

GCC<sup>1</sup> market: Textile and leather products: **0.5 ppm**

### Leather and synthetic leather:

**3 ppm**

**Important:** All chromium tanned leathers should be fixed at **pH range 3.5 - 4.5** at the finished leather in order to avoid the generation of Chromium (VI) in the leather.

#### EXCEPTIONS:

South Korea market: Leather and synthetic leather products ≤ 3 years old: **0.5 ppm**

GCC<sup>1</sup> market: Leather products: **0.5 ppm**

### Plastics, metallic parts, paints and surface coatings:

**3 ppm**

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## Test methods

### Textile and synthetic leather:

DIN EN 16711-2:2016 followed by a confirmation with EN ISO 17075-1:2017 in case Chromium is detected.

### Leather:

EN ISO 17075-1:2017 and EN ISO 17075-2:2017

Standard Operational Procedures: SOP-A-013 and SOP-A-014

## RESTRICTED SUBSTANCES LIST

# Extractable Cobalt



## Scope

- Textile
- Leather
- Synthetic leather

## Limits

### Textile and synthetic leather:

≤ 3 years old: **1 ppm**

> 3 years old: **4 ppm**

### Leather:

≤ 2 years old: **1 ppm**

> 2 years old: **4 ppm**

## Test methods

### Textile and synthetic leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

# Extractable Copper



## Scope

- Textile
- Leather
- Synthetic leather

## Limits

### Textile and synthetic leather:

≤ 3 years old: **25 ppm**

> 3 years old: **50 ppm**

### Leather:

≤ 3 years old: **25 ppm**

> 3 years old: **50 ppm**

## Test methods

### Textile and synthetic leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

# Total Lead



## Scope

- Textile
- Leather
- Synthetic leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Printed parts
- Wood
- Stones
- Ceramic
- Glass
- Crystal

## Limits

### Textile, leather, plastics, metallic parts, paints, surface coatings, synthetic leather and printed parts:

**90 ppm**

EXCEPTIONS:

California State (USA) market: Clothing made with PVC, Neoprene and other plastic materials, when the concentration of Lead is between **30** and **90 ppm**, a warning label must be included

Illinois State\*

### Wood:

≤ 14 years old: **90 ppm**

EXCEPTION:

Illinois State\*

### Stones, ceramic, glass and crystal<sup>3</sup>:

≤ 12 years old: **100 ppm**

> 12 years old: **500 ppm**

EXCEPTIONS:

Denmark market: Jewellery articles and products for decorative purposes (except for products explicitly regulated in REACH):

**100 ppm**

Illinois State\*

\* Illinois State (USA) market:

Products for ≤ 12 years old, warning label must be included when the concentration of Lead is:

**> 40 and < 90 ppm** for textile, leather, plastics, metallic parts, paints, surface coatings and printed parts

**> 40 and < 100 ppm** for stones, ceramic, glass and crystal

## Test methods

### All materials:

SOP-A-022, 023 and 024, or the following test methods according to material.

### Leather:

ISO 17072-2:2019

### Non-metal except leather:

CPSC-CH-E1002-08.3

### Metal:

CPSC-CH-E1001-08.3

### Paint, surface coatings and synthetic leather:

CPSC-CH-E1003-09.1

### Jewellery substrate, coating and paint:

ASTM F2923:2020

<sup>3</sup> To consult the exceptions associated with this limit, please see Annex II "Lead Specification in Glass, Crystal, Ceramic and Natural Stones".

# Extractable Lead



## Scope

- Textile
- Leather
- Synthetic Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings

## Limits

### Textile:

**0.2 ppm**

### Synthetic leather parts of rubber footwear:

**1 ppm** in uppers, lining and insoles of rubber shoes processed by hot vulcanization techniques.

≤ 14 years old: **1 ppm** in uppers, lining and insoles of canvas rubber footwear.

### Leather, plastics, metallic parts, paints, surface coatings and synthetic leather:

**90 ppm**

EXCEPTIONS:

GCC<sup>1</sup> market:

Leather products:

≤ 2 years old: **0.2 ppm**

> 2 years old: **1 ppm**

Egypt market:

Leather footwear:

≤ 3 years old : **0.2 ppm**

> 3 years old : **1 ppm**

<sup>1</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## Test methods

### All materials except leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

## RESTRICTED SUBSTANCES LIST

# Total Mercury



## Scope

- Textile
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Wood
- Synthetic leather

## Limits

**Textile, leather, plastics, metallic parts, paints, synthetic leather, surface coatings and wood:**

**0.5 ppm**

## Test methods

**All materials except leather:**

DIN EN 16711-1:2016

**Leather:**

ISO 17072-2:2019

Standard Operational Procedures: SOP-A-001 and SOP-A-002

# Extractable Mercury



## Scope

- Textile
- Leather
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Wood
- Synthetic leather

## Limits

**Textile, leather, plastics, metallic parts, paints, synthetic leather, surface coatings and wood:**

**0.02 ppm**

## Test methods

**All materials except leather:**

DIN EN 16711-2:2016

**Leather:**

ISO 17072-1:2019

## RESTRICTED SUBSTANCES LIST

# Nickel Release



## Scope

- Metallic parts
- Metallic post assemblies

## Limits

### Metallic parts and metallic post assemblies:

**0.5 µg/cm<sup>2</sup>/week** in metallic parts of products.

**0.2 µg/cm<sup>2</sup>/week** in metallic post assemblies which are inserted into pierced ears and other pierced parts of the human body.

## Test methods

### Metal:

EN 12472:2020 for accelerated wear and corrosion detection of releasable Nickel in coated products, and later, EN 1811:2011 + A1:2015 to evaluate Nickel release in metallic post assemblies which are inserted into pierced parts of the human body and in products with direct and prolonged contact with the skin.

Standard Operational Procedure: SOP-A-004

# Extractable Nickel



## Scope

- Textile
- Leather
- Synthetic leather

## Limits

### Textile, leather and synthetic leather:

**1 ppm**

## Test methods

### Textile and synthetic leather:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

# Extractable Selenium



## Scope

- Leather footwear
- Plastics
- Metallic parts
- Paints
- Surface coatings
- Synthetic leather

## Limits

### Leather footwear:

≤ 3 years old: **500 ppm**

### Plastics and metallic parts:

≤ 14 years old: **500 ppm**

### Paints, surface coatings and synthetic leather:

**500 ppm**

## Test methods

### Textile:

DIN EN 16711-2:2016

### Leather:

ISO 17072-1:2019

### Paints, surface coating and synthetic leather:

ASTM F2923:2020

## 02. INDITEX H&S POLICIES



## INDITEX HEALTH AND SAFETY GLOBAL POLICIES

All products should comply with all the specific chemical restrictions substances covered in the Inditex RSL, additionally all suppliers are encouraged and committed to ensure full compliance with below listed Product Health Policies. For more information and resolve doubts, refer to the buyer of reference and/or of Sustainability Department of Inditex through [ctw@inditex.com](mailto:ctw@inditex.com). The exclusion of certain international regulations does not exclude the compliance with any applicable law or regulation and/or certain specific standards of Inditex group for such articles.

**Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**

<https://echa.europa.eu/regulations/reach/understanding-reach>

**SVHC legal requirements in accordance with Article 59 (10) of the REACH Regulation**

Suppliers should control and manage properly any phase (their own and/or subcontracted) of "the manufacture cycle" of the "Products" with the aim of: (1) detecting and, as a result, avoiding the presence of substances included in the list "Substances of Very High Concern (SVHC) subject to authorisation" in amounts higher than 0.1% of the total weight of the "Products" and (2) justifying the presence of SVHC to any external agency and/or Health Team Product of Inditex. Additional information can be found at <https://echa.europa.eu/regulations/reach/understanding-reach>

The most updated SVHC substance list can be found at <https://echa.europa.eu/candidate-list-table>

**Proposal for a restriction Skin sensitising, irritative and/or corrosive substances**

All suppliers are advised to close monitor the status of these regulation and to comply with all the legal requirements as soon as the regulation becomes effective.

Additional information can be found at <https://echa.europa.eu/es/registry-of-restriction-intentions/-/dislist/details/0b0236e182446136>

**Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products (BPR)**

<https://echa.europa.eu/regulations/biocidal-products-regulation/understanding-bpr>

The most updated list of chemicals can be found at <https://echa.europa.eu/regulations/biocidal-products-regulation/approval-of-active-substances/list-of-approved-active-substances>

**Safe Drinking Water and Toxic Enforcement Act of 1986, California Proposition 65.**

<https://oehha.ca.gov/proposition-65>.

The most updated list of chemicals can be found at <https://oehha.ca.gov/proposition-65/proposition-65-list>

**Inditex Commitment to Zero Discharge**

<https://www.wateractionplan.com/en/detox>

## 03. ANNEXES

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## APs and APEOS

Individual listings	CAS Number
Octylphenol	140-66-9
	1806-26-4
	27193-28-8
Octylphenol ethoxylate	9002-93-1
	9036-19-5
	68987-90-6
	2315- 67-5
	2315- 61-9
	2497-59-8
Nonylphenol	104-40-5
	11066-49-2
	25154-52-3
	84852-15-3
Nonylphenol ethoxylate	9016-45-9
	26027-38-3
	37205-87-1
	68412-54-4
	127087-87-0

## Formaldehyde

Individual listings	CAS Number
Formaldehyde	50-00-0

## Ortho-phenylphenol

Individual listings	CAS Number
Ortho-phenylphenol (OPP)	90-43-7

## Arylamines

Individual listings	CAS Number
4-Aminobiphenyl	92-67-1
Benzidine	92-87-5
4-Chloro-o-toluidine	95-69-2
2-Naphthylamine	91-59-8
o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8
4-Chloroaniline	106-47-8
2,4-Diaminoanisoole	615-05-4
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimetoxibenzidine	119-90-4
3,3'-Dimethylbenzidine	119-93-7
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
p-Cresidine	120-71-8
4,4'-Methylen-bis-(2-chloroaniline)	101-14-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianiline	139-65-1
o-Toluidine	95-53-4
2,4-Toluidendiamine	95-80-7
2,4,5-Trimethylaniline	137-17-7
o-Anisidine	90-04-0
2,4-Xylidine	95-68-1
2,6-Xylidine	87-62-7
4-Aminoazobenzene	60-09-3
4-Chloro-o-toluidinium chloride	3165-93-3
2-Naphthylammoniumacetate	553-00-4
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7
2,4,5-Trimethylaniline hydrochloride	21436-97-5

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## Chlorophenols

Individual listings	CAS Number
Pentachlorophenol (PCP)	87-86-5
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	935-95-5
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	58-90-2
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	4901-51-3
2,3,4-Trichlorophenol	15950-66-0
2,3,5-Trichlorophenol	933-78-8
2,3,6-Trichlorophenol	933-75-5
2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	88-06-2
3,4,5-Trichlorophenol	609-19-8
Trichlorophenol <sup>4</sup>	25167-82-2
Tetrachlorophenol <sup>4</sup>	25167-83-3

<sup>4</sup> These are generic CAS numbers for TeCP and TCP Mixed Isomers for information purpose and not for testing. The laboratories should not test these CAS numbers and follow strictly the CAS numbers corresponding to individual isomers in Phenols family

## Metals

Individual listings	CAS Number
Cadmium	7440-43-9
Lead	7439-92-1
Mercury	7439-97-6
Chromium	7440-47-3
Chromium (VI)	7440-47-3
Nickel	7440-02-0
Arsenic	7440-38-2
Antimony	7440-36-0
Barium	7440-39-3
Selenium	7782-49-2
Copper	7440-50-8
Cobalt	7440-48-4

## Phthalates

Individual listings	CAS Number
Di-isononyl phthalate (DINP)	28553-12-0
Di-n-octyl phthalate (DNOP)	117-84-0
Di-(2-ethylhexyl)-phthalate (DEHP)	117-81-7
Diisodecyl phthalate (DIDP)	26761-40-0
Benzyl butyl phthalate (BBP)	85-68-7
Diethyl phthalate (DEP)	84-66-2
Dimethyl phthalate (DMP)	131-11-3
Diisobutyl phthalate (DIBP)	84-69-5
Di-n-hexyl phthalate (DNHP)	84-75-3
Dibutyl phthalate (DBP)	84-74-2
Di-n-pentyl phthalate (DPENP)	131-18-0
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6
1,2-Benzenedicarboxylic acid, di- C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4
Diisopentyl phthalate (DIPP)	605-50-5
1,2-Benzenedicarboxylic acid Dipentyl ester, branched and linear	84777-06-0
Dimethoxyethyl phthalate (DMEP)	117-82-8
Dinonyl phthalate (DNP)	84-76-4
Dipropyl phthalate (DPRP)	131-16-8
Diisooctyl phthalate (DIOP)	27554-26-3
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich	68515-49-1
Dicyclohexyl phthalate (DCHP)	84-61-7
Di-hexylphthalate, branched and linear (DHxP)	68515-50-4
Diisohexyl phthalate (DIHxP)	71850-09-4
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

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## Flame retardants

Individual listings	CAS Number
1,2,5,6,9,10-hexabromocyclododecane (HBCDD/HBCD)	3194-55-6
Gamma-hexabromocyclododecane (HBCDD/HBCD)	134237-52-8
Hexabromocyclododecane (HBCDD/HBCD)	25637-99-4
Alpha-hexabromocyclododecane (HBCDD/HBCD)	134237-50-6
Beta-hexabromocyclododecane (HBCDD/HBCD)	134237-51-7
Pentabromodiphenyl ether (PentaBDE)	32534-81-9
Octabromodiphenyl ether (OctaBDE)	32536-52-0
Tetrabromo-bisphenol A (TBBPA)	79-94-7
Tris-(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5
Tris-(2,3-dibromopropyl)-phosphate (TRIS) / (TDBPP)	126-72-7
Tris-(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8
Bis-(2,3-dibromopropyl)-phosphate (BDBPP)	5412-25-9
Tris-(aziridiny)-phosphine oxide (TEPA)	545-55-1
Polybromobiphenyls (PBBs)	59536-65-1
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0
Hexabromodiphenyl ether (HexaBDE)	36483-60-0
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3
Nonabromodiphenyl ethers (NonaBDE)	63936-56-1
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB)	183658-27-7
Bis(2-ethylhexyl)-3,4,5,6-tetrabromophthalate (TBPH)	26040-51-7
Decabromodiphenyl ether (DecaBDE)	1163-19-5
Trixylyl phosphate (TXP)	25155-23-1
Tris-(2-chloroethyl)phosphate (TCEP)	115-96-8

## Dimethyl Fumarate

Individual listings	CAS Number
Dimethyl Fumarate	624-49-7

## Perfluoroorganic compounds (PFCs)

Individual listings	CAS Number
Perfluorooctanoic acid (PFOA)	335-67-1
Perfluorooctanesulfonic acid (PFOS)	1763-23-1
Perfluorooctanesulfonic acid potassium salt	2795-39-3
Perfluorooctanesulfonamide	754-91-6
Perfluorohexanoic acid (PFHxA)	307-24-4
Perfluorohexanesulfonic acid (PFHxS)	355-46-4
Perfluorobutanoic acid (PFBA)	375-22-4
Perfluorobutanesulfonic acid (PFBS)	375-73-5
2-(Perfluorooctyl)-ethanol (8:2 FTOH)	678-39-7
2-(Perfluorohexyl)-ethanol (6:2 FTOH)	647-42-7
2-(Perfluorobutyl)-ethanol (4:2 FTOH)	2043-47-2
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
PFUnA	2058-94-8
PFDoA	307-55-1
PFTrA	72629-94-8
PFTeA	376-06-7
PFDA	335-76-2

## Organotin Compounds

Individual listings	CAS Number
Dibutyltin compounds (DBT)	1002-53-5
Diocetyl tin (DOT)	15231-44-4
Tricyclohexyltin (TCyHT)	6056-50-4
Trimethyltin (TMT)	1066-45-1/ 1631-73-8
Triocetyl tin (TOT)	250252-89-2
Tripropyltin (TPT)	6028-85-9
Triphenyltin (TPhT)	668-34-8
Tributyltin (TBT)	H based: 36643-28-4 Cl complex: 56573-85-4 Cl based: 1461-22-9

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## Polycyclic aromatic hydrocarbons (PAHs)

Individual listings	CAS Number
Benzo[j]fluoranthene	205-82-3
Benzo[e]pyrene	192-97-2
Dibenzo[a,h]anthracene	53-70-3
Benzo[a]pyrene	50-32-8
Benzo[k]fluoranthene	207-08-9
Benzo[b]fluoranthene	205-99-2
Chrysene	218-01-9
Benzo[a]anthracene	56-55-3
Naphthalene	91-20-3
Acenaphthylene	208-96-8
Acenaphthene	83-32-9
Fluorene	86-73-7
Phenanthrene	85-01-8
Anthracene	120-12-7
Fluoranthene	206-44-0
Pyrene	129-00-0
Benzo[g,h,i]perylene	191-24-2
Indeno[1,2,3-cd]pyrene	193-39-5

## N-nitrosamines

Individual listings	CAS Number
N-Nitrosodimethylamine (NDMA)	62-75-9
N-Nitrosodiethylamine (NDEA)	55-18-5
N-Nitrosodipropylamine (NDPA)	621-64-7
N-Nitrosodibutylamine (NDBA)	924-16-3
N-Nitrosopiperidine (NPIP)	100-75-4
N-Nitrosopyrrolidine (NPYR)	930-55-2
N-Nitrosomorpholine (NMOR)	59-89-2
N-Nitroso-N-methylaniline (NMPHA)	614-00-6
N-Nitroso-N-ethylaniline (NEPHA)	612-64-6

## Organochlorinated compounds

Individual listings	CAS Number
1,4-Dichlorobenzene	106-46-7
1,2-Dichlorobenzene	95-50-1
1,3-Dichlorobenzene	541-73-1
1,2,3-Trichlorobenzene	87-61-6
1,3,5-Trichlorobenzene	108-70-3
1,2,4-Trichlorobenzene	120-82-1
1,2,3,4-Tetrachlorobenzene	634-66-2
1,2,3,5-Tetrachlorobenzene	634-90-2
1,2,4,5-Tetrachlorobenzene	95-94-3
Pentachlorobenzene	608-93-5
Hexachlorobenzene	118-74-1
2-Chlorotoluene	95-49-8
3-Chlorotoluene	108-41-8
4-Chlorotoluene	106-43-4
2,3-Dichlorotoluene	32768-54-0
2,4-Dichlorotoluene	95-73-8
2,5-Dichlorotoluene	19398-61-9
2,6-Dichlorotoluene	118-69-4
3,4-Dichlorotoluene	95-75-0
2,3,6-Trichlorotoluene	2077-46-5
2,4,5-Trichlorotoluene	6639-30-1
2,3,4,5-Tetrachlorotoluene	76057-12-0
2,3,4,6-Tetrachlorotoluene	875-40-1
2,3,5,6-Tetrachlorotoluene	1006-31-1
a,a,a,4-Tetrachlorotoluene	5216-25-1
Pentachlorotoluene	877-11-2
Benzotrichloride	98-07-7
Benzyl chloride	100-44-7

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## Asbestos

Individual listings	CAS Number
Actinolite	77536-66-4
Amosite	12172-73-5
Anthrophyllite	77536-67-5
Chrysolite	12001-29-5 / 132207-32-0
Crocidolite	12001-28-4
Tremolite	77536-68-6

## Allergenic dyes

C.I. Generic Name	C.I. Structure No.	CAS Number
Disperse Blue 1	C.I. 64500	2475-45-8
Disperse Blue 3	C.I. 61505	2475-46-9
Disperse Blue 7	C.I. 62500	3179-90-6
Disperse Blue 26	C.I. 63305	3860-63-7
Disperse Blue 35	C.I. 63600	12222-75-2
Disperse Blue 102	C.I. 111945	12222-97-8
Disperse Blue 106	C.I. 111935	12223-01-7
Disperse Blue 124	C.I. 111938	61951-51-7
Disperse Brown 1	C.I. 11152	23355-64-8
Disperse Orange 1	C.I. 11080	2581-69-3
Disperse Orange 3	C.I. 11005	730-40-5
Disperse Orange 11	C.I. 60700	82-28-0
Disperse Orange 37/59/76	C.I. 11132	13301-61-6 / 12223-33-5 / 51811-42-8
Disperse Orange 149	—	151126-94-2
Disperse Red 1	C.I. 11110	2872-52-8
Disperse Red 11	C.I. 62015	2872-48-2
Disperse Red 17	C.I. 11210	3179-89-3
Disperse Yellow 1	C.I. 10345	119-15-3
Disperse Yellow 3	C.I. 11855	2832-40-8
Disperse Yellow 9	C.I. 10375	6373-73-5
Disperse Yellow 23	C.I. 26070	6250-23-3
Disperse Yellow 39	C.I. 480095	12236-29-2
Disperse Yellow 49	—	54824-37-2

## Forbidden dyes

Turkish Decree, Indian Notification

C.I. Generic Name	C.I. Structure No.	CAS Number
Acid Orange 45	C.I. 22195	2429-80-3
Acid Red 4	C.I. 14710	5858-39-9
Acid Red 5	C.I. 14905	5858-63-9
Acid Red 24	C.I. 16140	98493-59-5 / 5858-30-0
Acid Red 26	C.I. 16150	3761-53-3
Acid Red 73	C.I. 27290	5413-75-2
Acid Red 85	C.I. 22245	3567-65-5
Acid Red 114	C.I. 23635	6459-94-5
Acid Red 115	C.I. 27200	6226-80-8
Acid Red 116	C.I. 26660	6245-62-1 / 3953-74-0 / 1573-46-2
Acid Red 128	C.I. 24125	6548-30-7
Acid Red 148	C.I. 26665	6300-53-4
Acid Red 150	C.I. 27190	6226-78-4
Acid Red 158	C.I. 20530	8004-55-5
Acid Red 167	—	61901-41-5
Acid Red 264	C.I. 18133	6505-96-0
Acid Red 265	C.I. 18129	6358-43-6
Acid Red 420	—	
Acid Violet 12	C.I. 18075	6625-46-3
Acid Violet 49	C.I. 42640	1694-09-3
Acid Brown 415	—	97199-27-4
Acid Black 29	—	12217-14-0
Acid Black 94	C.I. 30336	6358-80-1
Acid Black 131	—	12219-01-1
Acid Black 132	—	12219-02-2
Acid Black 209	—	72827-68-0
Azoic diazo component 11	C.I. 37085	27165-08-0
Azoic diazo component 12	C.I. 37105	99-55-8
Azoic diazo component 48	C.I. 37235	20282-70-6
Azoic diazo component 112	C.I. 37225	92-87-5
Azoic diazo component 113	C.I. 37230	119-93-7

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Basic Red 111	—	118658-98-3
Basic Red 42	—	12221-66-8
Basic Brown 4	C.I. 21010	8005-78-5
Developer 14 (Oxidation base 20)	C.I. 76035	95-80-7
Direct Yellow 1	C.I. 22250	101985-05-1 / 6472-91-9 / 494-77-9
Direct Yellow 24	C.I. 22010	6486-29-9
Direct Yellow 48	C.I. 23660	6459-97-8
Direct Orange 1	C.I. 22370	54579-28-1
Direct Orange 6	C.I. 23375	6637-88-3
Direct Orange 7	C.I. 23380	2868-76-0
Direct Orange 8	C.I. 22130	64083-59-6
Direct Orange 10	C.I. 23370	6405-94-3
Direct Orange 108	C.I. 29173	6358-79-8
Direct Red 1	C.I. 22310	2429-84-7
Direct Red 2	C.I. 23500	992-59-6
Direct Red 7	C.I. 24100	25188-28-7 / 2868-75-9
Direct Red 10	C.I. 22145	2429-70-1
Direct Red 13	C.I. 22155	1937-35-5
Direct Red 17	C.I. 22150	25188-32-3 / 2769-07-5
Direct Red 21	C.I. 23560	6406-01-5
Direct Red 22	C.I. 23565	6448-80-2
Direct Red 24	C.I. 29185	25188-08-3 / 6420-44-6
Direct Red 26	C.I. 29190	25188-35-6 / 3687-80-7
Direct Red 28	C.I. 22120	573-58-0
Direct Red 37	C.I. 22240	3530-19-6
Direct Red 39	C.I. 23630	6358-29-8
Direct Red 44	C.I. 22500	2302-97-8
Direct Red 46	C.I. 23050	6548-29-4
Direct Red 62	C.I. 29175	6420-43-5
Direct Red 67	C.I. 23505	6598-56-7
Direct Red 72	C.I. 29200	8005-64-9
Direct Violet 1	C.I. 22570	25188-44-7 / 2586-60-9
Direct Violet 12	C.I. 22550	2429-75-6
Direct Violet 21	C.I. 23520	25188-48-1 / 6470-45-7

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Violet 22	C.I. 22480	6426-67-1
Direct Blue 1	C.I. 24410	2610-05-1
Direct Blue 2	C.I. 22590	25180-19-2 / 2429-73-4
Direct Blue 3	C.I. 23705	2429-72-3
Direct Blue 6	C.I. 22610	2602-46-2
Direct Blue 8	C.I. 24140	2429-71-2
Direct Blue 9	C.I. 24155	6428-98-4
Direct Blue 10	C.I. 24340	4198-19-0
Direct Blue 14	C.I. 23850	72-57-1
Direct Blue 15	C.I. 24400	2429-74-5
Direct Blue 22	C.I. 24280	2586-57-4
Direct Blue 25	C.I. 23790	2150-54-1
Direct Blue 35	C.I. 24145	6473-33-2
Direct Blue 53	C.I. 23860	314-13-6
Direct Blue 76	C.I. 24411	16143-79-6
Direct Blue 151	C.I. 24175	110735-25-6
Direct Blue 160	—	12222-02-5
Direct Blue 173	—	12235-72-2
Direct Blue 192	—	159202-76-3
Direct Blue 201	—	60800-55-7
Direct Blue 215	C.I. 24415	6771-80-8
Direct Blue 295	C.I. 23820	6420-22-0
Direct Blue 196	—	866557-14-4
Direct Green 1	C.I. 30280	3626-28-6
Direct Green 6	C.I. 30295	4335-09-500
Direct Green 8	C.I. 30315	5422-17-3
Direct Green 8:1	—	76012-70-9
Direct Green 85	C.I. 30387	72390-60-4
Direct Brown 1	C.I. 30045	3811-71-0
Direct Brown 1:2	C.I. 30110	2586-58-5
Direct Brown 2	C.I. 22311	2429-82-5
Direct Brown 6	C.I. 30140	2893-80-3
Direct Brown 25	C.I. 36030	33363-87-0
Direct Brown 27	C.I. 31725	6360-29-8



## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Brown 31	C.I. 35660	2429-81-4
Direct Brown 33	C.I. 35520	1324-87-4
Direct Brown 51	C.I. 31710	25180-43-2 / 4623-91-0
Direct Brown 59	C.I. 22345	6247-51-4 / 3476-90-2
Direct Brown 79	C.I. 30050	6483-77-8
Direct Brown 95	C.I. 30145	16071-86-6
Direct Brown 101	C.I. 31740	3626-29-7
Direct Brown 154	C.I. 30120	6360-54-9
Direct Brown 222	C.I. 30368	64743-15-3
Direct Black 4	C.I. 30245	2429-83-6
Direct Black 29	C.I. 22580	25180-14-7 / 3626-23-1
Direct Black 38	C.I. 30235	1937-37-7
Direct Black 91	C.I. 30400	6739-62-4
Direct Black 154	—	54804-85-2
Disperse Blue 1	C.I. 64500	2475-45-8
Disperse Yellow 7	C.I. 26090	6300-37-4
Disperse Yellow 23	C.I. 26070	6250-23-3
Disperse Yellow 56	—	54077-16-6
Disperse Red 151	C.I. 26130	6250-23-3
Disperse Orange 149	—	85136-74-9

**Forbidden dyes**

Other forbidden dyes

C.I. Generic Name	C.I. Structure No.	CAS Number
Acid Red 8	C.I. 14900	4787-93-3
Acid Red 16	C.I. 14920	5858-66-2
Acid Red 22	C.I. 14940	5864-85-7
Acid Red 25:1	C.I. 16047	8004-51-4
Acid Red 26:1	C.I. 16151	8004-46-4
Acid Red 26:2	C.I. 16152	8004-47-5
Acid Red 35	C.I. 18065	6441-93-6
Acid Red 48	C.I. 18070	

C.I. Generic Name	C.I. Structure No.	CAS Number
Acid Red 104	C.I. 26420	8006-06-2
Acid Red 107	C.I. 18025	6416-33-7
Acid Red 119:1	—	90880-75-4
Acid Red 135	C.I. 14695	5858-37-7
Acid Red 170	C.I. 27210	6226-81-9
Acid Red 177	C.I. 27015	8012-09-7
Acid Red 323	C.I. 22238	6358-34-5
Acid Red 350	C.I. 26207	
Acid Black 28	C.I. 20500	5850-41-9
Acid Black 66	C.I. 30275	6360-59-4
Acid Black 70	C.I. 30355	8005-88-7
Acid Black 232	C.I. 30334	
Acid Brown 89	C.I. 17570	6417-27-2
Acid Green 33	C.I. 33545	6487-06-5
Acid Orange 3	C.I. 10385	6373-74-6
Acid Orange 16	C.I. 16011	33340-36-2
Acid Orange 17	C.I. 16020	52749-23-2
Acid Orange 24	C.I. 20170	1320-07-6
Acid Orange 31	C.I. 15995	5858-89-9
Acid Orange 55	C.I. 24765	6459-66-1
Azoic diazo component	C.I. 37270	
Azoic diazo component	C.I. 37115	
Azoic diazo component /Azoic	C.I. 37077	
Brown 29		
Azoic diazo component 4	C.I. 37210	101-89-3
Basic Red 9	C.I. 42500	569-61-9
Basic Red 76	C.I. 12245	68391-30-0
Basic Red 114	C.I. 23635	6459-94-5
Basic Violet 14	C.I. 42510	632-99-5
Basic Brown 2	C.I. 21030	6358-83-4
Basic Yellow 82	—	
Basic Yellow 103	—	
Direct Black 11	C.I. 30240	
Direct Black 14	C.I. 30345	

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Black 15	C.I. 22620	
Direct Black 20	C.I. 30395	
Direct Black 24	C.I. 31925	
Direct Black 27	C.I. 31810	
Direct Black 30	C.I. 23675	
Direct Black 34	C.I. 35075	6473-08-1
Direct Black 40	C.I. 31760	6449-81-6
Direct Black 83	C.I. 31850	6837-80-5
Direct Black 86	C.I. 24115	6449-34-9
Direct Black 87	C.I. 24110	8015-03-0
Direct Black 100	C.I. 35415	
Direct Black 126	—	12239-25-7
Direct Black 131	C.I. 30270	6486-54-0
Direct Blue 4	C.I. 24380	4247-14-7
Direct Blue 11	C.I. 30350	
Direct Blue 12	C.I. 24170	
Direct Blue 16	C.I. 22475	
Direct Blue 19	C.I. 22485	6426-68-2
Direct Blue 21	C.I. 23710	6420-09-3
Direct Blue 23	C.I. 24405	
Direct Blue 26	C.I. 31930	
Direct Blue 27	C.I. 23750	6420-15-1
Direct Blue 30	C.I. 31955	
Direct Blue 31	C.I. 23690	
Direct Blue 36	C.I. 24150	28407-37-6
Direct Blue 37	C.I. 24270	
Direct Blue 38	C.I. 30090	1324-83-0
Direct Blue 39	C.I. 30390	6360-70-9
Direct Blue 42	C.I. 22505	
Direct Blue 43	C.I. 30205	7273-59-8
Direct Blue 45	C.I. 24310	6428-87-1
Direct Blue 48	C.I. 22565	6459-89-8
Direct Blue 49	C.I. 22540	6426-73-9
Direct Blue 50	C.I. 24205	

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Blue 51	C.I. 30340	
Direct Blue 58	C.I. 22490	
Direct Blue 60	C.I. 23810	13217-73-7
Direct Blue 63	C.I. 31910	6441-90-3
Direct Blue 64	C.I. 22595	6426-74-0
Direct Blue 65	C.I. 24220	
Direct Blue 116	C.I. 27980	6227-23-2
Direct Blue 131	C.I. 35085	6661-39-8
Direct Blue 136	C.I. 24065	6473-30-9
Direct Blue 163	C.I. 33560	6548-42-1
Direct Blue 177	C.I. 22625	6426-76-2
Direct Blue 183	C.I. 31951	6416-69-9
Direct Blue 218	C.I. 24401	28407-37-6
Direct Blue 230	C.I. 22455	
Direct Blue 231	C.I. 23830	2609-87-2
Direct Blue 306	C.I. 24203	
Direct Brown 5	C.I. 30135	
Direct Brown 7	C.I. 30035	
Direct Brown 13	C.I. 35710	
Direct Brown 14	C.I. 35715	8002-97-9
Direct Brown 17	C.I. 30100	6661-48-9
Direct Brown 20	C.I. 30060	1324-67-0
Direct Brown 21	C.I. 30155	
Direct Brown 24	C.I. 31700	
Direct Brown 26	C.I. 31730	8003-55-2
Direct Brown 39	C.I. 35060	6473-06-9
Direct Brown 43	C.I. 35700	
Direct Brown 46	C.I. 31785	
Direct Brown 52	C.I. 31885	6505-12-0
Direct Brown 54	C.I. 31735	
Direct Brown 56	C.I. 22040	
Direct Brown 57	C.I. 31705	6360-28-7
Direct Brown 58	C.I. 22340	6426-59-1
Direct Brown 60	C.I. 22325	

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Brown 61	C.I. 30055	
Direct Brown 62	C.I. 31720	8003-56-3
Direct Brown 68	C.I. 30125	
Direct Brown 70	C.I. 35530	
Direct Brown 73	C.I. 35535	
Direct Brown 74	C.I. 36300	8014-91-3
Direct Brown 75	C.I. 30325	
Direct Brown 86	C.I. 22030	
Direct Brown 127	C.I. 35210	6473-10-5
Direct Brown 147	C.I. 23360	8003-80-3
Direct Brown 151	C.I. 31685	10130-38-8
Direct Brown 158	C.I. 30070	
Direct Brown 159	C.I. 31755	
Direct Brown 171	C.I. 30040	
Direct Brown 173	C.I. 30165	6826-64-8
Direct Brown 175	C.I. 30150	6528-58-1
Direct Brown 190	C.I. 31750	
Direct Brown 215	C.I. 35720	83606-72-8
Direct Green 7	C.I. 30330	
Direct Green 9	C.I. 30310	
Direct Green 10	C.I. 30285	
Direct Green 12	C.I. 30290	
Direct Green 19	C.I. 30305	6486-58-4
Direct Green 20	C.I. 30380	
Direct Green 21	C.I. 31790	8003-52-9
Direct Green 21:1	C.I. 22322	
Direct Green 22	C.I. 31775	
Direct Green 39	C.I. 30220	
Direct Green 57	C.I. 24130	
Direct Green 58	C.I. 30225	110735-26-7
Direct Green 60	C.I. 22315	6426-56-8
Direct Brown 223	—	76930-14-8
Direct Orange 1	C.I. 22375	54579-28-1
Direct Orange 2	C.I. 22380	8005-97-8

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Orange 13	C.I. 23605	6470-22-0
Direct Orange 25	C.I. 22135	6486-43-7
Direct Orange 30	C.I. 22385	6420-04-8
Direct Orange 31	C.I. 23655	6420-03-7
Direct Orange 33	C.I. 22385	
Direct Orange 101	C.I. 22190	6528-39-8
Direct Red 14	C.I. 29170	6420-42-4
Direct Red 15	C.I. 23510	
Direct Red 18	C.I. 22280	6548-26-1
Direct Red 29	C.I. 22305	6426-54-6
Direct Red 33	C.I. 22306	
Direct Red 34	C.I. 23570	
Direct Red 42	C.I. 22180	6548-39-6
Direct Red 43	C.I. 22205	6486-50-6
Direct Red 52	C.I. 22290	
Direct Red 53	C.I. 22405	6375-58-2
Direct Red 55	C.I. 27780	
Direct Red 56	C.I. 23600	6406-05-9
Direct Red 59	C.I. 22420	6655-94-3
Direct Red 60	C.I. 22200	6486-49-3
Direct Red 61	C.I. 23040	6470-31-1
Direct Red 64	C.I. 17875	6417-30-7
Direct Red 65	C.I. 17870	6369-37-5
Direct Red 68	C.I. 23515	6405-98-7
Direct Red 73	C.I. 29180	6406-01-1
Direct Red 74	C.I. 22170	8003-75-6
Direct Red 119	C.I. 19590	6404-55-3
Direct Red 123	C.I. 17820	6470-23-1
Direct Red 126	C.I. 17785	6369-36-4
Direct Red 142	C.I. 19500	6826-61-5
Direct Red 168	C.I. 19575	6404-53-1
Direct Red 216	C.I. 17815	8004-49-7
Direct Red 264	C.I. 29187	
Direct Violet 3	C.I. 22445	6507-83-1

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Direct Violet 4	C.I. 22555	6472-95-3
Direct Violet 5	C.I. 27660	6227-01-6
Direct Violet 13	C.I. 24080	13478-92-7
Direct Violet 14	C.I. 29105	6420-38-8
Direct Violet 17	C.I. 22465	6426-65-9
Direct Violet 27	C.I. 22460	6426-64-8
Direct Violet 28	C.I. 23685	6420-06-0
Direct Violet 32	C.I. 24105	
Direct Violet 36	C.I. 22470	
Direct Violet 37	C.I. 24370	6473-24-1
Direct Violet 38	C.I. 22630	6426-77-3
Direct Violet 39	C.I. 23680	6059-43-3
Direct Violet 42	C.I. 22450	6459-88-7
Direct Violet 43	C.I. 22440	6426-63-7
Direct Violet 45	C.I. 22510	6426-72-8
Direct Violet 85	C.I. 22520	6507-84-2
Direct Red 88	C.I. 22360	
Direct Yellow 2	C.I. 23640	6459-95-6
Direct Yellow 20	C.I. 22410	
Disperse Black 6	C.I. 37235	119-90-4
Disperse Orange 11	—	82-28-0
Disperse Orange 60	—	12270-44-9
Disperse Red 220	C.I. 12476	65907-69-9
Disperse Red 221	—	64426-35-3
Disperse Yellow 3	—	2832-40-8
Disperse Yellow 218	—	83929-90-2
Solvent Red 1	C.I. 12150	1229-55-6
Solvent Red 2	C.I. 12005	5098-94-2
Solvent Red 19	C.I. 26050	6368-72-5
Solvent Red 23	C.I. 26100	85-86-9
Solvent Red 24	C.I. 26105	85-83-6
Solvent Red 26	C.I. 26120	4477-79-6
Solvent Red 27	C.I. 26125	1320-06-5
Solvent Red 31	C.I. 27306	6226-90-0

C.I. Generic Name	C.I. Structure No.	CAS Number
Solvent Red 32	C.I. 26766	6406-53-7
Solvent Red 68	—	61813-90-9 / 68555-82-8
Solvent Red 69	C.I. 27290	5413-75-2
Solvent Red 80	C.I. 12156	6358-53-8
Solvent Red 110	C.I. 27305	12217-00-4
Solvent Red 164	—	92257-31-3
Solvent Red 215	—	85203-90-3
Solvent Orange 2	C.I. 12100	2646-17-5
Solvent Orange 7	C.I. 12140	3118-97-6
Solvent Orange 8	C.I. 12175	2653-66-9
Solvent Orange 13	C.I. 26075	6300-42-1
Solvent Orange 14	C.I. 26020	6368-70-3
Solvent Orange 30	C.I. 20020	5863-44-5
Solvent Yellow 1	C.I. 11000	60-09-3
Solvent Yellow 2	C.I. 11020	60-11-7
Solvent Yellow 3	C.I. 11160	97-56-3
Solvent Yellow 6	C.I. 11390	131-79-3
Solvent Yellow 12	C.I. 11860	6370-43-0
Solvent Yellow 16	C.I. 12700	4314-14-1
Solvent Yellow 20	C.I. 14070	6408-41-9
Solvent Yellow 72	—	61813-98-7
Solvent Yellow 107	C.I. 21140	67990-27-6
p-Phenylenediamine	—	106-50-3
Pigment Orange 5	C.I. 12075	3468-63-1
Pigment Red 3	C.I. 12120	2425-85-6
Pigment Red 53	C.I. 15585	2092-56-0
Pigment Red 104	C.I. 77605	12656-85-8
Pigment Yellow 34	C.I. 77603	1344-37-2
Acid Dye	C.I. 16155	
Acid Dye	C.I. 14810	
Acid Dye	C.I. 15000	
Acid Dye	C.I. 16010	
Acid Dye	C.I. 19610	
Acid Dye	C.I. 22255	

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

C.I. Generic Name	C.I. Structure No.	CAS Number
Acid Dye	C.I. 22285	
Acid Dye	C.I. 22400	
Acid Dye	C.I. 23070	
Acid Dye	C.I. 25110	
Acid Dye	C.I. 25115	
Basic Dye	C.I. 11280	
Direct Dye	C.I. 21060	
Direct Dye	C.I. 29205	
Leather Dye	C.I. 30255	
Mordant Dye	C.I. 14085	
Mordant Dye	C.I. 22270	
Mordant Dye	C.I. 22275	
Mordant Red 57	C.I. 22310	2429-84-7
Mordant Yellow	C.I. 14135	
Mordant Yellow 16	C.I. 25100	8003-87-0
Blue Colourant (Component 1: C <sub>39</sub> H <sub>23</sub> ClCrN <sub>7</sub> O <sub>12</sub> S <sub>2</sub> .2Na; Component 2: C <sub>46</sub> H <sub>30</sub> CrN <sub>10</sub> O <sub>20</sub> S <sub>2</sub> .3Na)	—	118685-33-9

## Bisphenols

Individual listings	CAS Number
Bisphenol S (BPS)	80-09-1
Bisphenol F (BPF)	620-92-8
Bisphenol AF (BPAF)	1478-61-1
Bisphenol A (BPA)	80-05-7
Bisphenol Z	843-55-0
Bisphenol B	77-40-7
Bisphenol AP	1571-75-1

## Quinoline

Individual listings	CAS Number
Quinoline	91-22-5

## Organic Solvents &amp; Volatile Organic Compounds (VOCs)

Individual listings	CAS Number
N-Methyl-2-pyrrolidone (NMP)	872-50-4
Dimethylformamide (DMFa)	68-12-2
Dimethylacetamide (DMAC)	127-19-5
Hexachlorobutadiene	87-68-3
Formamide	75-12-7
1,2,3-Trichloropropane	96-18-4
1-Bromopropane; n-propyl bromide	106-94-5
1,2-Dichloroethane	107-06-2
Benzene	71-43-2
1,1,1,2- Tetrachloroethane	630-20-6
1,1,2,2- Tetrachloroethane	79-34-5
Toluene	108-88-3
Xylenes (meta-, ortho-, para-)	1330-20-7 (all isomers) 95-47-6, 106-42-3, 108-38-3
Styrene	100-42-5
Trichloroethylene	79-01-6

## Chlorinated Paraffins

Individual listings	CAS Number
Short chain chlorinated compounds	85535-84-8

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

## Pesticides, Preservatives and Herbicides

Individual listings	CAS Number
Dieldrin	60-57-1
Aldrin	309-00-2
1,1,1-Trichlorine-2,2-bis-(4-chlorophenyl)-ethane (DDT)	50-29-3
Endrin	72-20-8
Hexachlorobenzene (HCB)	118-74-1
Heptachlor	76-44-8
Chlordane	57-74-9
Mirex	2385-85-5
Toxaphene	8001-35-2
Hexachlorocyclohexane, all isomers (HCH)	608-73-1
Lindane	58-89-9
Heptachlorepoxyde	1024-57-3
Isodrine	465-73-6
Kelevan	4234-79-1
Chlordecone	143-50-0
Telodrin	297-78-9
Strobane	8001-50-1
Halogenated biphenyls with formula: (PCB) $C_{12}H_nX_{10-n}$ ; X = halogen, $0 \leq n \leq 9$	1336-36-3 / 53469-21-9 and several
Halogenated terphenyls with formula: (PCT) $C_{18}H_nX_{14-n}$ ; X = halogen, $0 \leq n \leq 13$	several
Halogenated naphthalenes with formula: $C_{10}H_nX_{8-n}$ ; X = halogen, $0 \leq n \leq 7$	several
Halogenated diarylalkanes	several
Monomethyltetrachlorodiphenylmethane	76253-60-6
Monomethyldichlorodiphenylmethane	81161-70-8
Monomethyldibromodiphenylmethane (DBBT)	99688-47-8
Dichloro-diphenyl-dichloro ethylene (DDE)	72-55-9
Dichloro-diphenyl-dichloro ethane (DDD)	72-54-8
Methoxychlor	72-43-5
Perthane	72-56-0
2,4,5-Trichlorophenoxyacetic acid and its salts and derivatives of 2,4,5-trichlorophenoxyacetyl	93-76-5 and several

Individual listings	CAS Number
2-(2,4,5-Trichlorophenoxy) propionic acid and its salts and derivatives of 2-(2,4,5-trichlorophenoxy) propionyl	93-72-1 and several
Quintozone	82-68-8
2,4-Dichlorophenoxyacetic acid	94-75-7
Azinophosmethyl	86-50-0
Azinophosethyl	2642-71-9
Bromophos-ethyl	4824-78-6
Captafol	2425-06-1
Carbaryl	63-25-2
Clordimeform	6164-98-3
Chlorfenvinphos	470-90-6 / 18708-86-6 / 18708-87-7
Coumaphos	56-72-4
Cyfluthrin	68359-37-5
Cyhalothrin	68085-85-8
Cypermethrin	52315-07-8
DEF	
Deltamethrin	52918-63-5
Diazinon	333-41-5
Dichlorprop	120-36-5
Dicrotophos	3735-78-2
Dimethoate	60-51-5
Dinoseb and salts	88-85-7
Endosulfan, isomers	115-29-7
Esfenvalerate	66230-04-4
Fenvalerate	51630-58-1
Malathion	121-75-5
MCPA	94-74-6
MCPB	94-81-5
Mecoprop	93-65-2
Metamidophos	10265-92-6
Monocrotophos	6923-22-4
Parathion	56-38-2
Parathion-methyl	298-00-0
Phosdrin/Mevinphos	7786-34-7 / 338-45-5 / 26718-65-0

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

Individual listings	CAS Number
Propethamphos	31218-83-4
Profenophos	41198-08-7
Quinalphos	13593-03-8
Trifluralin	1582-09-8
Arsenic	7440-38-2
5,7-Dichloro-4-(2,4,5-trichlorophenoxy)-2-(trifluoromethyl)-1H-benzimidazole (DTTB)	63405-99-2
Lead hydrogen arsenate	7784-40-9
PFTrA	79-16-3
Alachlor	15972-60-8
Aldicarb	116-06-3
Atrazine	1912-24-9
Binapacryl	485-31-4
Carbendazim	10605-21-7
Chlorobenzilate	510-15-6
Chlorpyrifos	2921-88-2
Chlorthalonil	1897-45-6
Clothianidin	210880-92-5
Demeton	919-86-8
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8
Dichlofenthion	97-17-6
Dichlofluanide	1085-98-9
o,p'-Dichlorodiphenyldichloroethane (o,p'-DDD)	53-19-0
o,p'-Dichlorodiphenyldichloroethylene (o,p'-DDE)	3424-82-6
o,p'-Dichlorodiphenyltrichloroethane (o,p'- DDT) and its isomers; preparations containing DDT and its isomers	789-02-6
Dichlorvos	62-73-7
Dicofol	115-32-2
Dicyclanil	112636-83-6
Diflubenzuron	35367-38-5
Dinotefuran	165252-70-0

Individual listings	CAS Number
Dinoseb, its salts and acetate	88-85-7 and others
Dinoterb	1420-07-1
Disulfoton	298-04-4
Diuron	330-54-1
DNOC	534-52-1
Endosulfan, alpha	959-98-8
Endosulfan, beta	33213-65-9
Ethion	563-12-2
Ethylene dibromide (EDB)	106-93-4
Fenchlorphos	299-84-3
Fenitrothion	122-14-5
Flumethrin	69770-45-2
Imidacloprid	105827-78-9 / 138261-41-3
Isoproturon	34123-59-6
Linuron	330-55-2
Methyl bromide	74-83-9
Monolinuron	1746-81-2
Nitenpyram	150824-47-8 / 120738-89-8
Omethoate	1113-02-6
Oxydemeton-methyl	301-12-2
Paraquat dication	4685-14-7
Paraquat dichloride	1910-42-5
Pentachloroanisole	1825-21-4
Phosphamidon	13171-21-6
Phoxim	14816-18-3
Pirimiphos-methyl	29232-93-7
Propanil	709-98-8
Pyrazon	1698-60-8
Simazine	122-34-9
Tiacloprid	111988-49-9
Timiperone (DTTB)	57648-21-2

## ANNEX I. LIST OF CONTROLLED INDIVIDUAL SUBSTANCES

Individual listings	CAS Number
Thiamethoxam	153719-23-4
Tolyfluanide	731-27-1
Tribufos (DEF)	78-48-8
Trichlorfon	52-68-6
Triflumuron	64628-44-0
Vinclozolin	50471-44-8
Acetamiprid	135410-20-7 / 160430-64-8
2-Chloroacetamide	79-07-2
Dichlorophen	97-23-4
Chlorinated and non-chlorinated Isothiazolinone-derivatives	Several
5-Chloro-2-methyl-4-isothiazolin-3-one (CIT)	26172-55-4
2-Methyl-4-isothiazolin-3-one (MIT)	2682-20-4
Mixture (3:1) of CIT and MIT	55965-84-9
1,2-Benzisothiazol-3(2H)-one (BIT)	2634-33-5
Dichlorooctylisothiazolinone (DCOIT)	64359-81-5
N-Methylol-chloroacetamide	2832-19-1
Permethrin	52645-53-1
Triclosan (5-Chloro-2-(2,4-dichlorophenoxy)phenol)	3380-34-5
α-Hexachlorocyclohexane with and without Lindane	319-84-6
β-Hexachlorocyclohexane with and without Lindane	319-85-7
γ-Hexachlorocyclohexane with and without Lindane	319-86-8
Halogenated biphenyls, including polychlorinated biphenyl (PCB)	Several
Halogenated terphenols, including polychlorinated terphenyl (PCT)	Several
Halogenated naphthalenes, including polychlorinated naphthalenes (PCNs)	Several
Halogenated diarylalkanes	Several
Pentabromobenzene	608-90-2



## ANNEX II. LEAD SPECIFICATIONS IN GLASS, CRYSTAL, CERAMIC AND NATURAL STONES

Crystal Glass <sup>5</sup>

Exemption of analysis in adult's products ( > 12 years old)

Stones in articles: list of natural precious and semiprecious stones exempted from pb analysis <sup>6,7</sup>

Actinolite	Bustamite	Diaspore	Howlite	Meliphanite
Adamite	Calcite	Dicksonite	Huebernite	Mellite
Agate	Canasite	Diopside	Humite	Microlite
Alexandrite	Cancrinite	Diopase	Hureaulite	Milarite
Algodonite	Cassiterite	Dolomite	Hurlbutite	Millerite
Amber	Catapleiite	Dumortierite	Hyperitdiabas	Moldavite
Amblygonite	Celestite	Emerald (Beryl)	Idocrase (Vesuvianite)	Monazite
Amethyst	Ceruleite	Enstatite	Inderite	Moonstone
Ametrine	Chabazite	Eosphorite	Iolite	Mordenite
Ammolite	Chalcedony	Epidote	Jade	Morganite (Beryl)
Analcime	Chambersite	Ettringite	Jasper	Onyx, Black
Anatase	Charoite	Euclase	Jeremejevite	Opal
Andalusite	Chicken-BloodStone	Eudialyte	Jet	Oregon Sunstone (Feldspar)
Anglesite	Childrenite	Euxenite	Kammererite	Pearl, Freshwater
Anhydrite	Chiolite	Feldspars	Korite	Pearl, Saltwater
Apatite	Chromite	Fergusonite	Kornerupine	Peridot
Apophyllite	Chrysoberyl	Flourite	Kurnakovite	Quartz
Aquamarine (Beryl)	Chrysocolla	Fossilized Organisms	Kyanite	Red Beryl (Beryl)
Augelite	Cinnabar	Friedelite	Labradorite	Rubelite (Tourmaline)
Axenite	Citrine	Gadolinite	Langbeinite	Ruby (Corundum)
Azurite	Cobaltite	Garnet	Lapis Lazuli	Sapphire (Corundum)
Barite	Colemanite	Gaylussite	Lawsonite	Scapolite
Benitoite	Coral	Grandierite	Lazulite	Sphalerite
Beryl	Cordierite	Gypsum	Legrandite	Sphene (Titanite)
Beryllonite	Corundum	Hambergite	Lepidolite	Spinel
Bismutotalite	Covellite	Hauyne	Leucite	Sugilite
Boracite	Creedite	Heliodor (Beryl)	Ludlamite	Tanzanite (Zoisite)
Bornite	Cryolite	Hematite	Magnesite	Tiger's Eye
Brazilianite	Cuprite	Hemimorphite	Malachite	Topaz
Breithauptite	Danburite	Herderite	Mali Garnet	Tourmaline
Brookite	Datolite	Hodgkinsonite	Manganotantalite	Turquoise
Brucite	Diamond <sup>8</sup>	Holtite	Marcasite	Zircon

<sup>5</sup> Crystal glass as defined in Annex I (categories 1, 2, 3 and 4) to Directive 69/493/EEC.

<sup>6</sup> These stones will not be analyzed for Lead except when they have been treated with Lead or its compounds or mixtures containing these substances.

<sup>7</sup> Synthetic stones and other minerals ARE NOT exempted from analysis of Lead.

<sup>8</sup> Diamond is not mentioned in CN code 7103 of Regulation (EEC) No 2658/87.

## ANNEX III. VOCS SPECIFICATIONS FOR EAEC MARKET

## Users younger than 18 years

Requirements to safety of clothes, textiles, leather, knitwear, ready-made piece of textile products, footwear and leather haberdashery items:

Table 1. Chemical safety requirements for textile materials

Materials	Substance	Aqueous environment (mg/dm <sup>3</sup> )	Air environment (mg/m <sup>3</sup> )
Natural, of plant fibers	Formaldehyde*	-	0.003
Artificial, of viscose and acetate	Formaldehyde*	-	0.003
Polyester	Formaldehyde*	-	0.003
	Dimethyl terephthalate	1.5	0.01
	Acetaldehyde	0.2	0.01
Polyamide	Formaldehyde*	-	0.003
	Caprolactam	0.5	0.06
	Hexamethylenediamine	0.01	0.001
Polyacrylonitrile	Formaldehyde*	-	0.003
	Acrylonitrile	0.002	0.03
	Dimethylformamide	10	0.03
	Vinylacetate	0.2	0.15
Polyvinylalcohol	Formaldehyde*	-	0.003
	Vinylacetate	0.2	0.15
Polyolefin	Formaldehyde*	-	0.003
	Acetaldehyde	0.2	0.01
Polyurethane	Formaldehyde*	-	0.003
	Ethylene glycol	1.0	1.0
	Acetaldehyde	0.2	0.01

\* Aqueous environment is distilled water. Weight percentage of free formaldehyde should meet the limits presented in Chapter 2 Substances of legally limited use of this Manual.

Requirements to safety of clothes, textiles, leather, knitwear, ready-made piece of textile products:

Table 2. Additional chemical safety requirements for textile materials treated with adhesive/glue<sup>9</sup>

Substance	Aqueous environment (mg/dm <sup>3</sup> )
Xylenes (isomeric mixture)	0.05
Methyl acrylate	0.02
Methyl methacrylate	0.25
Styrene	0.02
Methyl alcohol	0.2
Butyl alcohol	0.5
Phenol or total phenols	0.05
Acetaldehyde	0.1
Vinyl acetate	0.2
Toluene	0.5
Formaldehyde*	-

<sup>9</sup> The parameters are tested depending on the composition of adhesive/glue applied.

\* Weight percentage of free formaldehyde should meet the limits presented in Chapter 2 Substances of legally limited use of this Manual.

## ANNEX III. VOCS SPECIFICATIONS FOR EAEC MARKET

Requirements to safety of footwear and leather haberdashery items:

**Table 3. Chemical safety requirements for chemical and polymer materials**

Materials	Substance	Aqueous environment (mg/dm <sup>3</sup> )	Air environment (mg/m <sup>3</sup> )
Polyamides	Caprolactam	0.5	0.06
	Hexamethylenediamine	0.01	0.001
Polyurethanes	Formaldehyde*	-	0.003
	Toluene diisocyanate	-	0.002
	Acetaldehyde	0.2	0.01
Polyesters	Formaldehyde*	-	0.003
	Dimethyl terephthalate	1.5	0.01
	Acetaldehyde	0.2	0.01
Polyacrylates	Acrylonitrile	0.02	0.03
	Methylmethacrylate	0.25	0.01
Rubber	Thiuram	0.5	-
	Zinc	1.0	-
	Diocetyl phthalate	2.0	0.02
	Dibutyl phthalate	not allowed	not allowed
Polyvinylacetates (artificial leather)	Formaldehyde*	-	0.003
	Vinylacetate	0.2	0.15
	Diocetyl phthalate	2.0	0.02
	Dibutyl phthalate	not allowed	not allowed

\* Weight percentage of free formaldehyde should meet the limits presented in Chapter 2 Substances of legally limited use of this Manual.

## Users older than 18 years

Requirements to safety of textile materials and products made of them, leather and products made of them, leather and synthetic leather accessories, footwear, carpets and rugs.

**Table 4. Chemical safety requirements for textile, polymeric and other materials, leather, synthetic leather and light industry products**

Materials	Substance	Aqueous environment (mg/dm <sup>3</sup> )	Air environment (mg/m <sup>3</sup> )
Plant-based natural materials	Formaldehyde*	-	0.003
Cardboard	Formaldehyde*	-	0.003
Artificial (viscose and acetate)	Formaldehyde*	-	0.003
Polyester	Formaldehyde*	-	0.003
	Dimethyl terephthalate	1.5	0.01
	Acetaldehyde	0.2	0.01
Polyamide	Formaldehyde*	-	0.003
	Caprolactam	1.0	0.06
	Hexamethylenediamine	0.01	0.001
Polyacrylonitrile	Formaldehyde*	-	0.003
	Acrylonitrile	2.0	0.03
	Dimethylformamide	10	0.03
Polyvinylacetate	Formaldehyde*	-	0.003
	Vinylacetate	0.2	0.15
Polyolefin	Formaldehyde*	-	0.003
	Acetaldehyde	0.2	0.01
Polyorganosiloxane (silicone)	Formaldehyde*	-	0.003
	Acetaldehyde	0.2	0.01
	Methanol	3.0	0.5
Polyurethane	Formaldehyde*	-	0.003
	Ethylene Glycol	1.0	1.0
	Acetaldehyde	0.2	0.01
	Toluene Diisocyanate	-	0.002
	Benzol	0.01	0.1
	Toluene	0.5	0.6

## ANNEX III. VOCS SPECIFICATIONS FOR EAEC MARKET

Materials	Substance	Aqueous environment (mg/dm <sup>3</sup> )	Air environment (mg/m <sup>3</sup> )
Leather	Formaldehyde*	-	0.003
Rubber	Formaldehyde*	-	0.003
	Thiuram E	0.5	-
	Diocetyl phthalate	2.0	0.02
	Dibutyl phthalate	not allowed	not allowed

\*Weight percentage of free formaldehyde should meet the limits presented in Chapter 2 Substances of legally limited use of this Manual. Formaldehyde emission in the air from carpets and rugs as well as floor covers should not exceed 0.1 mg/m<sup>3</sup>.

**Table 5. Chemical safety requirements to the textile materials and clothes made of them, processed with textile intermediates**

Volatile chemicals	Air environment (mg/m <sup>3</sup> )
Methyl acrylate	0.01
Methyl methacrylate	0.01
Styrene	0.002
Xylene (isomer mixture)	0.2
Vinyl acetate	0.15
Methanol	0.5
Butyl alcohol	0.1
Phenol	0.003
Acetaldehyde	0.01
Toluene	0.6

Parameters are tested depending on finishing compounds.

**Table 6. Chemical safety requirements to leather accessories and materials for their production depending on the material composition**

Materials	Substance	Air environment (mg/m <sup>3</sup> )
Plant-based natural materials, leather	Formaldehyde	0.003*
Polyamide	Formaldehyde	0.003*
	Caprolactam	0.06
	Hexamethylenediamine	0.001
Polyester	Formaldehyde	0.003*
	Dimethyl terephthalate	0.01
	Acetaldehyde	0.01
Polyacrylonitrile	Formaldehyde*	0.003*
	Acrylonitrile	0.03
	Vinylacetate	0.15
Polyurethane	Formaldehyde	0.003*
	Toluene diisocyanate	0.002
	Acetaldehyde	0.01
Artificial felt and acetate	Formaldehyde	0.003*
Polyolefin	Formaldehyde*	0.003*
	Acetaldehyde	0.01
Polyvinylacetate (synthetic leather)	Formaldehyde*	0.003*
	Vinylacetate	0.15
	Diocetyl phthalate	0.02
	Dibutyl phthalate	not allowed
Synthetic leather with polyurethane or polyvinylurethane covering	Formaldehyde	0.003*
	Diocetyl phthalate	not allowed
	Dibutyl phthalate	0.02
Rubber	Formaldehyde	0.003*
	Diocetyl phthalate	not allowed
	Dibutyl phthalate	0.02
Cardborad	Formaldehyde	0.003*

\* Standard limit is specified without taking into account background ambient air pollution.

## ANNEX IV. VOCS SPECIFICATIONS FOR UKRAINE MARKET

**Table 1. Hygienic norms of chemical substances which are emitted from raw textile materials of natural and chemical origin**

Substance	Aqueous environment, (mg/dm <sup>3</sup> )	Air environment, (mg/m <sup>3</sup> )	Safe Reference Levels of Impact in the atmospheric airs (mg/m <sup>3</sup> )
Formaldehyde	0.050	0.003	-
Phenol	0.100	0.003	-
Benzene	0.500	0.100	-
Toluene	0.500	0.600	-
Xylene	0.050	0.200	-
Ethylene glycol <sup>10</sup>	1.000	-	1.00
Caprolactam <sup>11</sup>	1.000	0.06	-
Hexamethylenediamine <sup>11</sup>	0.010	0.001	-
Acrylonitrile <sup>12</sup>	2.0	0.03	-
Diethylphthalate <sup>13</sup>	1.0	-	0.02
Dibutylphthalate <sup>13</sup>	0.2	-	0.1
Pentachlorophenol	0.01	-	0.02
Pesticides			

<sup>10</sup> Applicable in polyester materials

<sup>11</sup> Applicable in polyamide materials.

<sup>12</sup> Applicable in acrylonitrile materials.

<sup>13</sup> Applicable in polyvinyl chloride products.

**Table 2. Hygienic safety records and hygienic norms of chemical substances which are emitted from yarn, threads, textile materials, jersey fabric, clothing, footwear, head wear, gloves, hosiery decorated products**

Substance	Aqueous environment, (mg/dm <sup>3</sup> )	Air environment, (mg/m <sup>3</sup> )	Safe Reference Levels of Impact in the atmospheric airs (mg/m <sup>3</sup> )
Formaldehyde	0.050	0.003	-
Phenol	0.100	0.003	-
Ethylene glycol <sup>14</sup>	1.000	1.000	-
Caprolactam <sup>15</sup>	1.0	0.06	-
Hexamethylenediamine <sup>15</sup>	0.01	0.001	-
Acrylonitrile <sup>16</sup>	2.0	0.03	-
Diethylphthalate <sup>17</sup>	1.0	-	0.02
Dibutylphthalate <sup>17</sup>	0.2	-	0.1
Dimethyl terephthalate <sup>15</sup>	1.5	0.01	-
Pentachlorophenol	0.010	-	0.02
Benzene	0.500	0.100	-
Toluene	0.500	0.600	-
Xylene	0.050	0.200	-
Acetic aldehyde	0.2	0.01	-
Vinyl acetate <sup>18</sup>	0.2	0.15	
Vinyl chloride <sup>17</sup>	0.05	-	0.005

<sup>14</sup> Applicable in polyester and polyurethane materials.

<sup>15</sup> Applicable in polyamide materials.

<sup>16</sup> Applicable in acrylonitrile, rubber and pebble leather materials.

<sup>17</sup> Polyvinylchloride products, rubber and pebble leather materials.

<sup>18</sup> Applicable in pebble leather materials.

## ANNEX IV. VOCS SPECIFICATIONS FOR UKRAINE MARKET

**Table 3. Hygienic safety records and hygienic norms of chemical substances which are emitted from bed linen and bedding, table linen, towels**

Substance	Aqueous environment, (mg/dm <sup>3</sup> )	Air environment, (mg/m <sup>3</sup> )	Safe Reference Levels of Impact in the atmospheric airs (mg/m <sup>3</sup> )
Formaldehyde	0.050	0.003	-
Phenol	0.100	0.003	-
Ethylene glycol <sup>19</sup>	1.000	1.000	-
Caprolactam <sup>20</sup>	1.0	0.06	-
Hexamethylenediamine <sup>20</sup>	0.01	0.001	-
Pentachlorophenol	0.010	-	0.02
Benzene	0.500	0.100	-
Toluene	0.500	0.600	-
Xylene	0.050	0.200	-

<sup>19</sup> Applicable in polyester materials

<sup>20</sup> Applicable in polyamide materials.

**Table 4. Hygienic safety indices and hygienic standards of chemical agents escaping from decorative fabrics and curtains**

Substance	MPC daily average (mg/m <sup>3</sup> )
Formaldehyde	0.003
Phenol	0.003
Ethylene glycol <sup>21</sup>	1
Caprolactam <sup>22</sup>	0.06
Hexamethylene diamine <sup>22</sup>	0.001
Benzene	0.1
Toluene	0.6
Xylene	0.2

<sup>21</sup> Applicable in polyester materials

<sup>22</sup> Applicable in polyamide materials.

**Table 5. Hygienic safety indices and hygienic standards of chemical agents escaping from natural, imitation leather, fur and articles made therefrom**

Substance	Aqueous environment, (mg/dm <sup>3</sup> )	Air environment, (mg/m <sup>3</sup> )
Formaldehyde	0.05	0.003
Phenol	0.1	0.003
Pentachlorophenol <sup>23</sup>	0.01	0.02
Benzene	0.5	0.1
Toluene	0.5	0.6
Xylene	0.05	0.2
Diethylphthalate <sup>24</sup>	1	0.05
Dibutylphthalate <sup>24</sup>	0.2	0.1
Acetaldehyde <sup>25</sup>	0.2	0.01

<sup>23</sup> In case if using the product as protecting agent with confirming documents available.

<sup>24</sup> Migration from imitation leather (polyvinylchloride) and clothes made therefrom is determined.

<sup>25</sup> Polyvinylchloride and polyurethane articles.

**Table 6. Hygienic safety indices and hygienic standards of chemical agents escaping from blankets, pillows**

Substance	MPC daily average (mg/m <sup>3</sup> )
Formaldehyde	0.003
Phenol	0.003
Benzene	0.1
Toluene	0.6
Xylene	0.2

ANNEX V. VOCS SPECIFICATIONS FOR GULF COOPERATION COUNCIL<sup>26</sup> MARKET

Table 1. Hygienic norms of chemical substances which are emitted from gray textile materials of natural and chemical origin

Substance	Products aimed at users < 3 years (babies) (mg/m <sup>3</sup> )	Products aimed at users > 3 years direct contact with the skin (mg/m <sup>3</sup> )	Products aimed at users > 3 years without direct contact with the skin (mg/m <sup>3</sup> )	Decoration (mg/m <sup>3</sup> )
Formaldehyde	0.1	0.1	0.1	0.1
Toluene	0.1	0.1	0.1	0.1
Styrene	0.005	0.005	0.005	0.005
Vinylcyclohexen	0.002	0.002	0.002	0.002
4-Phenylcyclohexen	0.03	0.03	0.03	0.03
Butadien	0.002	0.002	0.002	0.002
Vinylchloride	0.002	0.002	0.002	0.002
Aromatic hydrocarbons	0.3	0.3	0.3	0.3
Organic volatiles	0.5	0.5	0.5	0.5

<sup>26</sup> Member States of The Gulf Cooperation Council (GCC) is comprised by United Arab Emirates, Bahrain, Saudi Arabia, Oman, Qatar, Kuwait and Yemen.

## ANNEX VI. LIST OF TEST METHODS FOR VOCs AND ORGANIC SOLVENTS

Substance	CAS Number	Test Methods
N-Methyl-2-pyrrolidone (NMP)	872-50-4	DIN CEN ISO/TS 16189:2013
Dimethylacetamide (DMAC)	127-19-5	DIN CEN ISO/TS 16189:2013
Formamide	75-12-7	DIN CEN ISO/TS 16189:2013
Hexachlorobutadiene	87-68-3	Extraction with Dichloromethane at 40 °C for 60 min and analysed by GC/MS
Acetaldehyde	75-07-0	Extraction with Methanol at 70 °C for 60 min and analysis by LC/MS
1,2-Dichloroethane	107-06-2	GC/MS headspace 120 °C for 45 min
Benzene	71-43-2	GC/MS headspace 120 °C for 45 min
1,1,2,2- Tetrachloroethane	79-34-5	GC/MS headspace 120 °C for 45 min
Toluene	108-88-3	GC/MS headspace 120 °C for 45 min
Xylenes (meta-, ortho-, para-)	1330-20-7 (all isomers) 95-47-6, 106-42-3, 108-38-3	GC/MS headspace 120 °C for 45 min
Trichloroethylene	79-01-6	GC/MS headspace 120 °C for 45 min
4-Vinylcyclohexane	100-40-3	GC/MS headspace 120 °C for 45 min
Methyl acrylate	96-33-3	GC/MS headspace 120 °C for 45 min
Methyl methacrylate	80-62-6	GC/MS headspace 120 °C for 45 min
Methyl alcohol	67-56-1	GC/MS headspace 120 °C for 45 min
Vinyl acetate	108-05-4	GC/MS headspace 120 °C for 45 min
Styrene	100-42-5	GC/MS headspace 120 °C for 45 min or Extraction in Methanol GC/MS, sonication at 60 °C for 60 min
1,2,3-trichloropropane	96-18-4	Headspace GC-MS
Ethylene glycol	107-21-1	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS
Formaldehyde	50-00-0	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Dimethyl terephthalate	120-61-6	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Caprolactam	105-60-2	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Hexamethylenediamine	124-09-4	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Butyl alcohol	71-36-3	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Phenol	108-95-2	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Toluene diisocyanate	Several CAS	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Thiuram	-	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Pentachlorophenol	87-86-5	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Dibutylphthalate (DBP)	84-74-2	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
Diocetylphthalate	117-81-7	MUK 4.1.1045-01, MP 01.024-07, MUK 4.1.745-99, MU N° 2704-83, MUK 4.1.1209-03 and headspace GC-MS.
1-bromopropane; n-propyl bromide	106-94-5	Solvent extraction and analysed by GC/MS
Dimethylformamide (DMFa)	68-12-2	Textiles: EN 17131:2019. All other materials: DIN CEN ISO/TS 16189:2013
Acrylonitrile	107-13-1	With reference to EN 13130-3 Headspace GCMS



## 04. COMMITMENT

## COMMITMENT TO COMPLY WITH INDITEX GROUP'S CLEAR TO WEAR PRODUCT HEALTH STANDARD

I hereby confirm that:

1) We have received the clear to wear (hereinafter, CTW) product health standard, we have read it and thoroughly understand its implications.

2) We acknowledge that compliance with CTW<sup>1</sup> is a contractual obligation and undertake, accordingly, to meet the CTW<sup>1</sup> requirements in all orders involving production, marketing or distribution placed by any of the formats of the Inditex Group effective as of June 30<sup>th</sup> 2021.

3) We undertake to disclose and formally demand CTW<sup>1</sup> implications to the whole production line.

4) The Inditex Group:

- Reserves the right to check: i) compliance with CTW<sup>1</sup> regarding any goods supplied, by any method, at any time, and/or at any stage of the production, marketing or distribution processes, and ii) the appropriate disclosure of CTW.

- Reserves the right to cancel any order for any goods where a non compliance with CTW<sup>1</sup> regarding any test and/or inspection has been established.

- Reserves the right to return any orders already delivered where a non compliance with CTW<sup>1</sup> regarding any test and/or inspection has been established.

- Reserves the right to cancel or destroy, or to order destruction of the goods subject to the cancelled order, subject to the fact that the cancellation of the relevant order shall entail the non existence of the obligation to pay any sum whatsoever for the goods failing to comply with CTW<sup>1</sup>.

- Holds the Supplier as solely responsible for any and all damages caused by goods failing to comply with CTW<sup>1</sup>.

5) We acknowledge that approval of a "sample" and any subsequent "repetition" of goods by the INDITEX Group do not release us from our liability, for the entire production, marketing and distribution processes.

THE SUPPLIER IS RESPONSIBLE FOR ALWAYS REFERRING TO THE LATEST UPDATED VERSION OF THIS DOCUMENT, AVAILABLE AT [www.inditex.com](http://www.inditex.com)

<sup>1</sup> Compliance with CTW implies compliance with the safety margins established by Inditex due to the inherent measurement uncertainties of each testing method used to determine the level of the regulated substances.

# INDITEX

Product Sustainability

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Av. de la Diputación s/n, 15142 Arteixo. A Coruña, España