



MIROGLIO FASHION s.r.l.
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MIROGLIO FASHION s.r.l. (ITALY) - RESTRICTED SUBSTANCES LIST "RSL"

CHEMICALS - SAFETY REQUIREMENTS **Revision 2014, September** **APPENDICES A1**

Articles produced for "MIROGLIO FASHION s.r.l." must meet all European legal restrictions regarding forbidden chemical substances, in accordance with EC Regulation no. 1907/2006 (REACH) and all its amendments in force at the time of delivery of the items (<http://echa.europa.eu/it/home>); moreover must meet the additional "MIROGLIO FASHION s.r.l." requirements.

TEXTILES

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Formaldehyde (free and extractable)	(2)	≤ 75 mg/kg	EN ISO 14184-1 – GB/T 2912.1
pH Value of aqueous extract	(2)	pH 4,0 ÷ 8,5	EN ISO 3071 - GB/T 7573
Colour fastness to water (Discolour, staining)	(2)	3	EN ISO 105-E01 - GB/T 5713
Colour fastness to acid/alkaline perspiration	(2)	3	EN ISO 105-E04 - GB/T 3922
Colour fastness to dry rubbing	(2)	3	EN ISO 105-X12 - GB/T 3920
Odorous	(2)	None	GB 18401 part 6.7
Azo Dyes from which arylamines can be split off under reductive conditions	(2) (*)	Detox: since 2014/09 Not detectable (≤ 2 mg/kg)	UNI EN 14362-1,3 GB/T 17592.1 GB/T 23344
Dye: – "Navy Blu"	(1)	Not use	Not use declaration
Carcinogenic Dyes	(1) (8) (*)	Not detectable (≤ 50 mg/kg)	ISO/DIS 16373-3
Allergenic Disperse Dyes	(1) (8) (*)	≤ 50 mg/kg	DIN 54231
Lead (total amount)	(4)	≤ 100 mg/kg	CPSC-CH-E-1001-08.03
Cadmium (total amount)	(5)	≤ 100 mg/kg	EN1122
Pentachlorophenol (PCP) 2,3,5,6 Tetrachlorophenol (TeCP) Trichlorophenol (TriCP)	(6)	Detox: since 2014/09 Not detectable (≤ 0,1 mg/kg/kg)	UNI 11057 US EPA 8081 A
Ortho-phenilphenol (OPP)	(7)	≤ 100 mg/kg	Extraction with organic solvent - GC-MS
Pesticides	(7) (*)	≤ 1,0 mg/kg (sum) (PCP; TeCP excluded)	US EPA 8081 Chromatographic Test Methods
Chlorinated Organic Carriers (Chlorobenzene-Chlorotoluene)	(7) (*)	Detox: since 2014/09 ≤ 1 mg/kg (sum)	DIN 54232
Nonylphenols (NP) Octylphenols (OP)	(1) (8)	Detox: since 2015/07 ≤ 1 mg/kg (sum)	Refer to ISO 18857-1
Nonylphenoethoxylates (NPEO) Octylphenoethoxylates (OPEO)	(1) (8)	Detox: since 2015/07 ≤ 1 mg/kg (sum)	ISO/DIS 18254
Perfluorooctanesulfonates (PFOS) Perfluorooctanoic Acid (PFOA)	(3)	(PFOS): ≤ 1 microg/m ² (PFOA): ≤ 1 microg/m ²	CEN/TS 15968
Perfluorinated compounds	(7)(8)(*)	Detox: since 2015/07 ≤ 10 microg/m ² (sum - FTOH) ≤ 1 microg/m ² (sum – others PFC)	CEN/TS 15968

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Organotin compounds: MeT DBT, TBT, TeBT, MOT, DOT, DProT, DPhT, TPhT, MBT	(7)	Detox: since 2014/09 Not Detectable ($\leq 0,01$ mg/kg)	ISO / TS 16179
Alogenated Flame Retardants: PentaBDE, OctaBDE, DecaBDE, TEPA, TRIS, PBB, TCEP, DBBPT, BBP, HBCDD	(1)	Detox: since 2014/09 Not detectable ($\leq 0,5$ mg/kg)	Extraction with organic solvent - Analysis by: GC-MS; GC-ECD; LC-MS
Short chained chloroparaffines: (SCCPs : C ₁₀ -C ₁₃)	(1) (7)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	ISO/DIS 18219 - Extraction with organic solvent - Analysis by GC-MSMS
Polycyclic Aromatic Hydrocarbons (IPA – PAH) (Applied to synthetic fibers only)	(7) (*)	Benzo [α] pirenene $\leq 1,0$ mg/kg (sum): $\leq 10,0$ mg/kg	ZEK 01.4-08
Dimethylfumarate	(1)	$\leq 0,1$ mg/kg	ISO/TS 16186
Chlorinated solvents (Perchloroethylene excluded): Dichloromethane, Trichloroethylene, 1,2 - Dichloroethane	(7)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	Extraction HS- SPME or Purge &Trap – GCMS"
Perchloroethylene		Detox: since 2020/12 Not detectable (≤ 1 mg/kg)	Extraction HS- SPME or Purge &Trap – GCMS"

PARAMETER Heavy Metals (Extractables)	Ref	LIMIT VALUE (Adult) (mg/kg)	TEST METHOD
Antimony	(7)	$\leq 30,0$	Extractable Content: extraction with acid perspiration, refer to: EN ISO 105-E04 – ICP-MS Cr(VI): referred to EN ISO 17075 (**)Only for natural fibers
Arsenic		$\leq 1,0$ (**)	
Lead		$\leq 1,0$	
Cadmium		$\leq 0,1$	
Chromium (total)		$\leq 2,0$	
Chromium VI		$\leq 0,5$	
Cobalt		$\leq 4,0$	
Copper		$\leq 50,0$	
Nickel		$\leq 4,0$	
Mercury		$\leq 0,02$ (**)	

Coated Fabric – Additional Requirements

PARAMETER (refers to the coating material)	Ref	LIMIT VALUE (Adult)	TEST METHOD
Phthalates: DEHP, BBP, DBP, DNOP, DINP, DIDP, DIBP, DIHP, DHNUP, DPP	(1) (8) (*)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	CPSC-CH-C1001-09.3
Lead – (total amount)	(9)	≤ 90 mg/kg	CPSC-CH-E-1003-09.1
Cadmium – (total amount)	(1)	≤ 100 mg/kg	EN 1122 - CPSC-CH-E-1003-09.1
Chromium VI	(10)	$\leq 0,5$ mg/kg	EN ISO 17075



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Coated Fabric – Additional Requirements for PVC

PARAMETER (refers to the coating material)	Ref	LIMIT VALUE (Adult)	TEST METHOD
Vinyl Chloride (monomer)	(11)	≤ 5 mg/kg	GB/T 4615 – ISO 6401
Lead – (Chloridric acid extractable)	(11)	≤ 90 mg/kg	GB 21550
Cadmium – (Chloridric acid extractable)	(11)	≤ 75 mg/kg	GB 21550
Volatile Substances	(11)	≤ 20 mg/kg	GB 21550

References

- (1) = REACH Regolamento EC nr. 1907/2006 - Dangerous substances and substances of very high concern (SVHC) – (Annex: XVII e Candidate List).
 (2) = GB 18401: 2011 - People’s Republic of China – National general safety technical code for textile products. Not applicable to leather goods and shoes.
 (3) = EU Directive 2006/122/CE
 (4) = Denmark
 (5) = Netherlands: Cadmium Decree
 (6) = Adult: Francia – Korea
 (7) = “Private Eco Label”
 (8) = “Internal limit”
 (9) = USA: CPSIA (coated materials)
 (10) = KC Mark: Annex 3: Leather products
 (11) = GB 21550: 2008 - People’s Republic of China – Restriction of hazardous materials in PVC artificial leather
- (*) = individual substances are listed in appendix “Individual substances”

MIROGLIO FASHION s.r.l. (ITALY) - RESTRICTED SUBSTANCES LIST "RSL"

CHEMICALS - SAFETY REQUIREMENTS

Revision 2014, September

APPENDICES A2

Articles produced for "MIROGLIO FASHION s.r.l." must meet all European legal restrictions regarding forbidden chemical substances, in accordance with EC Regulation no. 1907/2006 (REACH) and all its amendments in force at the time of delivery of the items (<http://echa.europa.eu/it/home>); moreover must meet the additional "MIROGLIO FASHION s.r.l." requirements.

LEATHERS & FURS

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Formaldehyde (free and extractable)	(2)	≤ 75 mg/kg	EN ISO 17226-1 – GB/T 19941
Azo Dyes from which arylamines can be split off under reductive conditions	(1) (2) (*)	Detox: since 2014/09 Not detectable (≤ 2 mg/kg)	EN ISO 17234-1,2– GB/T 19942
Dye: – "Navy Blu"	(1)	Not use	Declaration
Pentachlorophenol (PCP); 2,3,4,5, - 2,3,4,6 – 2,3,5,6 TeCP (Tetrachlorophenols) 2,4,6 - 2,3,6 - 2,3,5 - 2,4,5- 2,3,4- 3,4,5 ; Trichlorophenol (TriCP)	(1) (5)	Detox: since 2014/09 Not detectable (≤ 0,1 mg/kg)	EN ISO 17070
Ortho-phenilphenol (OPP)	(5)	≤ 100 mg/kg	ISO/DIS 13365
pH (ΔpH)	(5)	pH 3,2 ÷ 7,5 (ΔpH ≤ 0,7)	EN ISO 4045
Chromium VI	(4)	≤ 3,0 mg/kg	EN ISO 17075
Lead – (total amount)	(3) (10)	≤ 100 mg/kg ⁽³⁾ ≤ 90 mg/kg ⁽¹⁰⁾ (Patent leather)	EN ISO 17072-2
Cadmium – (total amount)	(11)	≤ 100 mg/kg	EN ISO 17072-2
Cadmium (extractable)	(5)	≤ 0,1 mg/kg	EN ISO 17072-1
Lead (extractable)	(5)	≤ 0,2 mg/kg	EN ISO 17072-1
Mercury (extractable)	(5)	≤ 0,02 mg/kg	EN ISO 17072-1
Organotin compounds: MeT DBT, TBT, TeBT, MOT, DOT, DProT, DPhT, TPhT, MBT	(5)	Detox: since 2014/09 Not detectable (≤ 0,01 mg/kg)	ISO / TS 16179
Phthalates: DEHP, BBP, DBP, DNOP, DINP, DIDP, DIBP, DIHP, DHNUP, DPP	(1) (*)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	CPSC-CH-C1001-09.3
Alogenated Flame Retardants: PentaBDE, OctaBDE, DecaBDE, TEPA, TRIS, PBB, TCEP, BDBPT, BBP, HBCDD	(1)	Detox: since 2014/09 Not detectable (≤ 0,5 mg/kg)	Extraction with solvent - Analysis by GC-MS; GC-ECD; LC-MS
Short chained chloroparaffines: (SCCPs : C ₁₀ -C ₁₃)	(1) (5)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	ISO/DIS 18219 – Alternative Method: GC-MSMS
Policloronaftalene	(5)	≤ 1000 mg/kg	Extraction with solvent - GC-MS
Policlorobifenili (PCB's)	(7)	≤ 1000 mg/kg	Extraction with solvent - GC-MS
Dioxins and furans	(6) (*)	≤ 1 – 100 mg/kg (sum) (*)	Extraction with solvent - GC-MS
Perfluorooctanesulfonates (PFOS) Perfluorooctanoic Acid (PFOA)	(1)	(PFOS): ≤ 1 microg/m ² (PFOA): ≤ 1 microg/m ²	CEN/TS 15968

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Perfluorinated compounds	(7)(8)(*)	Detox: since 2015/07 ≤ 10 microg/m ² (sum - FTOH) ≤ 1 microg/m ² (sum – others PFC)	CEN/TS 15968
Nonylphenols (NP) Octylphenols (OP)	(1) (8)	Detox: since 2015/07 ≤ 1 mg/kg (sum)	Extraction with solvent - Analysis by GC-MS. refer to ISO 18857-1
Nonylphenoethoxylates (NPEO) Octylphenoethoxylates (OPEO)	(1) (8)	Detox: since 2015/07 ≤ 1 mg/kg (sum)	Extraction with solvent - Analysis by LC-MS. ISO DIS 18218-1
Dimethylfumarate	(1)	≤ 0,1 mg/kg	ISO/TS 16186
Mercury – organometallic compound	(7)	≤ 1,0 mg/kg	Law 112 - Screening Test method :ISO 17072-2
Asbestos	(1)	Not detected	Microscopical Test

PARAMETER (Solvents)	Ref	LIMIT VALUE (Adult)	TEST METHOD
Benzene	(9)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	GB 19340:2003 – Extraction HS- SPME o Purge & Trap - Analysis by GC-MS
Toluene - Dimethyl benzene	(9)		
Toluen diisocyanate (free)	(9)		
N-exane	(9)		
Methylene chloryde	(9)		
1,2 Dichloroethane	(9)		
1,1,2 Trichloroethane	(9)		
Trichloroethylene	(9) (7)		
VOC (volatile organic compound – total)	(9)		
Methyl Alcohol	(7)		
Perchloroethylene		Detox: since 2020/12 Not detectable (≤ 1 mg/kg)	Extraction HS- SPME o Purge & Trap – GCMS"

References

- (1) = REACH Regolamento EC nr. 1907/2006 - Dangerous substances and substances of very high concern (SVHC) – (Annex: XVII e Candidate List).
- (2) = GB 20400:2006 - People's Republic of China – National general safety technical code for leather products
- (3) = Denmark
- (4) = Germany – Korea: KC Mark - Annex 3
- (5) = "Private Eco Label"
- (6) = Germany Chemikalienverbot Verordnung 4
- (7) = Japan: Law 112 – Japan Law for the control of the household products containing harmful substances
- (8) = "Internal Limit"
- (9) = Example Cina GB 19340:2003 - Adhesives for footwear, suitcases and bags
- (10) = USA: CPSIA (coated materials)



MIROGLIO FASHION s.r.l. (ITALY) - RESTRICTED SUBSTANCES LIST "RSL"

CHEMICALS - SAFETY REQUIREMENTS

Revision 2014, September

APPENDICES A3

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PLASTIC ACCESSORIES

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Phthalates: DEHP, BBP, DBP, DNOP, DINP, DIDP, DIBP, DIHP, DHNUP, DPP	(1) (*)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	CPSC-CH-C1001-09.3
Lead – (total amount)	(2) (3)	≤ 100 ⁽³⁾ mg/kg ≤ 90 ⁽²⁾ mg/kg (painted acc.)	Microwave digest.; ICP-MS/OES CPSC-CH-E-1001-08.3 CPSC-CH-E-1003-09.1 (painted)
Cadmium – (total amount)	(1) (1a)	≤ 100 ⁽¹⁾ ^(1a) mg/kg	EN 1122 CPSC-CH-E-1001-08.3 CPSC-CH-E-1003-09.1 (painted)
Dioxin and Furans	(11) (*)	$\leq 1 - 100$ mg/kg (sum) (*)	Extraction with solvent - Analysis by GC-MS
Polycyclic Aromatic Hydrocarbons (IPA) (PAH)	(10) (*)	Benzo [α] pirene $\leq 1,0$ mg/kg (sum): $\leq 10,0$ mg/kg	ZEK 01.4-08
Organotin compounds: MeT DBT, TBT, TeBT, MOT, DOT, DProT, DPhT, TPhT, MBT	(10)	Detox: since 2014/09 Not detectable ($\leq 0,01$ mg/kg)	ISO / TS 16179

PARAMETER (Solvents)	Ref	LIMIT VALUE (Adult)	TEST METHOD
Benzene	(9)	Detox: since 2014/09 Not detectable (≤ 1 mg/kg)	GB 19340:2003 – Extraction HS- SPME o Purge & Trap - Analysis by GC-MS
Toluene - Dimethyl benzene	(9)		
Toluen diisocyanate (free)	(9)		
N-exane	(9)		
Methylene chloryde	(9)		
1,2 Dichloroethane	(9)		
1,1,2 Trichloroethane	(9)		
Trichloroethylene	(9) (7)		
VOC (volatile organic compound – total)	(9)		
Methyl Alcohol	(9)		
Perchloroethylene		Detox: since 2020/12 Not detectable (≤ 1 mg/kg)	Extraction HS- SPME o Purge & Trap – GCMS"

PLASTIC ACCESSORIES – Additional Requirements for PVC

PARAMETER (refers to the coating material)	Ref	LIMIT VALUE (Adult)	TEST METHOD
Vinyl Chloride (monomer)	(5)	≤ 5 mg/kg	GB/T 4615 – ISO 6401
Lead – (Chloridric acid extractable)	(5)	≤ 90 mg/kg	GB 21550
Cadmium – (Chloridric acid extractable)	(5)	≤ 75 mg/kg	GB 21550
Volatile Substances	(5)	≤ 20 mg/kg	GB 21550

METAL ACCESSORIES

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Nickel (released from metal accessories in direct contact with skin)	(1)(6) (7)	≤ 0.5 µg/cm ² /week (direct and prolonged contact with skin) ≤ 0.2 µg/cm ² /week (only for piercing)	EN 12471 (preliminary test) EN 12472:2009 – EN 1811 :2011- GB/T 19719 – GB/T 28485
Lead – (total amount)	(3)(2)(12) (6)	≤ 100 ⁽³⁾ mg/kg - ≤ 300 ⁽¹²⁾ mg/kg ≤ 90 ⁽²⁾ mg/kg (acc. verniciati) ≤ 1000 ⁽⁶⁾ mg/kg	Microwave digest; ICP-MS/OES CPSC-CH-E-1001-08.3 CPSC-CH-E-1003-09.1 (painted) GB/T 28021
Cadmium – (total amount)	(4) (6)	≤ 100 ⁽⁴⁾ mg/kg ≤ 1000 ⁽⁶⁾ mg/kg	Microwave digestion ; ICP-MS/OES CPSC-CH-E-1001-08.3-GB/T 28021
Mercury – (total amount)	(6)	≤ 1000 mg/kg	Microwave digestion; ICP-MS/OES GB/T 21198-6 - GB/T 28021
Arsenic – (total amount)	(6)	≤ 1000 mg/kg	Microwave digestion; ICP-MS/OES GB/T 21198-6 - GB/T 28021
Chromium VI – (total amount)	(6)	≤ 1000 mg/kg	Microwave digestion; ICP-MS/OES SN/T 2004.3:2005 GB/T 28019

GLASS AND CRYSTAL ACCESSORIES

PARAMETER	Ref	LIMIT VALUE (Adult)	TEST METHOD
Lead – (total amount)	(2)(3)	≤ 100 ⁽³⁾ mg/kg ≤ 90 ⁽²⁾ mg/kg (painted acc.)	CPSC-CH-E-1001-08.3 CPSC-CH-E-1003-09.1 (painted)
Cadmium – (total amount)	(4)	≤ 100 mg/kg	Microwave digest; ICP-MS/OES CPSC-CH-E-1001-08.1

References

1) = REACH Regolamento EC nr. 1907/2006 - Dangerous substances and substances of very high concern (SVHC) – (Annex: XVII e Candidate List).
(1a) = REACH Regolamento EC nr. 1907/2006 – (Annex: XVII – nr°23) - Cadmium
(1b) = REACH Regolamento EC nr. 1907/2006 – (Annex: XVII – nr°63) – Lead
(2) = USA federal – CPSIA (painted materials)
(3) = Denmark
(4) = Netherlands: Cadmium Decree
(5) = GB 21550: 2008 - People's Republic of China – Restriction of hazardous materials in PVC artificial leather
(6) = GB 28480: 2012 - Adornment - Provision for limit of baneful elements.
(7) = KC Mark: Annex 1: Textiles Products
(8) = Japan: Law 112 – Japan Law for the control of the household products containing harmful substances
(9) = China GB 19340:2003 - Adhesives for footwear, suitcases and bags
(10) = “Private Eco Label”
(11) = Germany Chemikalienverbot Verordnung 4
(12) = Adult USA: (not federal) California – Proposition 65
(*) = Individual substances are listed in appendix “Individual substances”

FOOTWEAR – RUBBER SHOES

Field of application	PARAMETER: Healthy and safe properties	Note	LIMIT VALUE (Adult)	TEST METHOD REFERENCE
Uppers, linings and insocks (textile, synthetic leather and artificial leather)	pH Value	(1)	4,0 ÷ 9,0	GB/T 7573
	Formaldehyde	(1)	≤ 75	GB/T 2912.1
	Lead (extractable)	(1)	≤ 1.0	GB/T 17593.1
	Cadmium (extractable)	(1)	≤ 0.1	GB/T 17593.1
	Arsenic (extractable)	(1)	≤ 1.0	GB/T 17593.4
	Decomposable harmful aromatic amine dye	(1)	Detox: since 2014/09 Not detectable (≤ 2 mg/kg)	GB/T 17592
	Chlorinated phenols: PCP 2,3,5,6- TeCP	(1)	Detox: since 2014/09 Not detectable (≤ 0,1 mg/kg/kg)	GB/T 18414.1 GB/T 18414.2
Rubber components	N-nitrosamines	(1) (*)	≤ 0.5	GB/T 24153
Lining and insocks (staining)	Color fastness to rubbing	(1) (a)	≥ 2/3	QB/T 2882

(1) = GB 25038: 2010 - Rubber Shoes Healthy and Safe Specification
(a) = by method A stated in QB/T 2882-2007, rub the product by synthetic perspiration for 50 times and then evaluate its staining rating by grey scale.
(*) = Individual substances are listed in appendix “Individual substances”

Dioxin and Furans	CAS Nr	Group	Limit (µg/kg)
2,3,7,8-tetraclorodibenzo-p-diossina	1746-01-6	1	≤ 1
1,2,3,7,8-pentaclorodibenzo-p-diossina	40321-76-4		
2,3,7,8-tetraclorodibenzo-furano	51207-31-9		
2,3,4,7,8-Pentaclorodibenzo-furano	57117-31-4		
1,2,3,4,7,8-esaclorodibenzo-p-diossina	39227-28-6	2	≤ 5
1,2,3,7,8,9-esaclorodibenzo-p-diossina	19408-74-3		
1,2,3,6,7,8-esaclorodibenzo-p-diossina	57653-85-7		
1,2,3,7,8-pentaclorodibenzofurano	57117-41-6		
1,2,3,7,8,9-esaclorodibenzofurano	57117-41-6		
1,2,3,6,7,8-esaclorodibenzofurano	57117-44-9		
2,3,4,6,7,8-esaclorodibenzofurano	60851-34-5		
1,2,3,4,6,7,8-eptaclorodibenzo-p-diossina	35822-46-9		
1,2,3,4,6,7,8,9-octaclorodibenzo-p-diossina	3268-87-9		
1,2,3,4,6,7,8-eptaclorodibenzofurano	67562-39-4		
1,2,3,4,7,8,9-eptaclorodibenzofurano	55673-89-7	3	≤ 100
1,2,3,4,6,7,8,9-octaclorodibenzofurano	39001-02-0		
2,3,7,8-tetrabromodibenzo-p-diossina	50585-41-6		
1,2,3,7,8-pentabromodibenzo-p-diossina	109333-34-8		
2,3,7,8-tetrabromodibenzo-furano	67733-57-7	4	≤ 1
2,3,4,7,8-pentabromodibenzofurano	67733-57-7		
1,2,3,4,7,8-esabromodibenzo-p-diossina	110999-44-5		
1,2,3,7,8,9-esabromodibenzo-p-diossina	110999-46-7	5	≤ 5
1,2,3,6,7,8-esabromodibenzo-p-diossina	110999-45-6		
1,2,3,7,8-pentabromodibenzofurano	107555-93-1		
1,2,3,7,8-pentabromodibenzofurano	107555-93-1		

Polycyclic Aromatic Hydrocarbons (IPA – PAH)	CAS Nr
Acenaphtene	83-32-9
Acenaphtylene	208-96-8
Anthracene	120-12-7
Benzo[a]anthracene	56-55-3
Benzo[a]pyrene	50-32-8
Benzo[b]fluoranthene	205-99-2
Benzo[ghi]perylene	191-24-2
Benzo[k]fluoranthene	207-08-9
Chrysene	218-01-9
Dibenz[a,h]anthracene	53-70-3
Fluoranthene	206-44-0
Fluorene	86-73-7
Indeno[1,2,3-cd]pyrene	193-39-5
Naphtalene	91-20-3
Phenanthrene	85-01-8
Pyrene	129-00-0

Appendix 8 : Phthalates		Short form	CAS Nr	CE nr. 1907/2006 REACH Annex XVII	CE nr. 1907/2006 REACH Annex XIV	CE nr. 1907/2006 REACH Candidate List
1	Diisobutyl phthalate	DiBP	84-69-5		X (banned)	X
2	Dibutyl phthalate	DBP	84-74-2	Entry 51: par. b	X (banned)	X
3	BenzylButyl phthalate	BBP	85-68-7	Entry 51: par. c	X (banned)	X
4	Di(ethylhexil) phthalate	DEHP	117-81-7	Entry 51: par. a	X (banned)	X
5	Di(n-octyl) phthalate	DNOP	117-84-0	Entry 51: par. c		
6	Diisononyl phthalate	DINP	28553-12-0	Entry 51: par. a		
7	Diisodecyl phthalate	DIDP	26761-40-0	Entry 51: par. b		
8	1,2-benzendicarboxylic acid, di C6-8 branched alkyl esters C7 rich	DIHP	71888-89-6			X
9	1,2-benzendicarboxylic acid, di C7-11 branched and linear alkyl esters C7 rich	DHNUP	68515-42-4			X
10	Dipentyl phthalate	DPP	131-18-0			X
11	Di-n-hexyl phthalate	DHP	84-75-3			
12	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear		84777-06-0			
13	Di-iso-pentyl phthalate	DIPP	605-50-5			
14	N-pentyl-iso-pentyl phthalate	PIPP	776297-69-9			



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N-nitrosamines	CAS Nr
N-nitrosodimethylamine	62-75-9
N-nitrosodiethylamine	55-18-5
N-nitrosodipropylamine	621-64-7
N-nitrosodibutylamine	924-16-3
N-nitrosopiperidine	100-75-4
N-nitrosopyrrolidine	930-55-2
N-nitrosomorpholine	59-89-2
N-nitroso-N-methylaniline	614-00-6
N-nitroso-N-ethylaniline	612-64-6

Perfluorinated Compounds	CAS Nr
Perfluorobutanoic acid (PFBA),	375-22-4
Perfluoropentanoic acid (PFPeA),	2706-90-3
Perfluorohexanoic acid (PFHxA),	307-24-4
Perfluorheptanoic acid (PFHpA),	375-85-9
Perfluorooctanoic acid (PFOA),	335-67-1
Perfluorononanoic acid (PFNA),	375-95-1
Perfluorodecanoic acid (PFDA),	59-89-2
Perfluoroundecanoic acid (PFUnA),	2058-94-8 / 4234-23-5
Perfluorododecanoic acid (PFDoA),	307-55-1
Perfluorotridecanoic acid (PFTTrA),	72629-94-8
Perfluorotetradecanoic acid (PFTA),	376-06-7
Perfluorobutansulfonate (PFBS),	375-73-5 / 29420-49-3
Perfluorohexane sulfonate (PFHxS),	355-46-4 / 3871-99-6
Perfluoroheptane sulphonate (PFHpS),	375-92-8 / 60270-55-5
Perfluorooctane sulfonate (PFOS),	1763-23-1 / 56773-72-3
Perfluorodecanoic sulphonate (PFDS),	335-77-3 / 126105-34-8
Perfluorooctane-sulfonamide (PFOSA),	754-91-6
4:2 Fluorotelomer sulfonate (PFHxO), 6:2	27619-97-2
Fluorotelomer sulfonate (PFOcO), 8:2	39108-34-4