



**BUREAU
VERITAS**

TEST REPORT

Technical Report **1811741** 03/07/2018
Date Received 16/04/2018 Page 1 of 16

Factory Company Name: **MABOTEX IMPEX srl -**
Factory Address: **Str. Soseaua Chitilei nr 267 / București - sector 1 - ROMANIA**

Sample Type: **Wastewater - Grab Samples**
Sample Pick Up Date:
Discharge Type: //
Wastewater Discharge to: //
On-Site Effluent Treatment Plant
(ETP): //
Test Period:
Testing Option: **I001 Untreated Wastewater**

REMARK

Sampling was performed directly by client
Sampling extraction was performed at Bureau Veritas Certest srl, Via Risorgimento 16, San Miniato, Italy
Instrumental tests were executed at Bureau Veritas Germany – Wilhelm-Hennemann-Str. 8 Schwerin, Germany

Photo of the Sample





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Executive Summary

	I001
APs and APEOs	o
SCCP	o
Heavy Metal	●
Cr VI	o
Phthalates	o
Flame Retardants	o
Azo Dyes	o
Organotin Compounds	o
Perfluorinated and Polyfluorinated	o
Chlorobenzenes	●
Chlorophenols	o
Chlorinated solvents	●
Disperse and Carcinogenic Dyes	o

Note / Key :

- ● – Detected
- o – Not Detected



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Test Result

APs and APEOs

Test Method / Standard:

Alkylphenols & Alkylphenoethoxylates: With reference to ASTM International Standard ASTM D7065, reporting limit: 1 µg/L

APs and APEOs	I001 (µg/L)
Octylphenol OP, mixed isomers	<1 µg/l
Nonylphenol NP	<1 µg/l
Octylphenol monoethoxylates (OPEO n=1)	<1 µg/l
Octylphenoethoxylates (OPEO n=2 to n=18)	<1 µg/l
Nonylphenol monoethoxylates (NPEO n=1)	<1 µg/l
Nonylphenoethoxylates (NPEO n=2 to n=18)	<1 µg/l

SCCP

Test Method / Standard:

Short Chain Chlorinated Paraffins: With reference to International Standard ISO 12010, reporting limit: 0.4 µg/L

SCCP	I001 (µg/L)
Short chained chlorinated paraffines, C10-C13	<0.4 µg/l

Heavy Metals

Test Method / Standard:

Heavy metals, total content & Chromium VI: With reference to U.S. EPA 3015A, with reference to U.S. EPA 6020A and with reference to U.S. EPA 7196A, reporting limits: Cd: 0.1 µg/L, B: 5 µg/L, Hg: 0.05 µg/L, Each (Others): 1 µg/L



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Heavy metals	I001 (ug/L)
Cadmium (Cd)	< 0.1 µg/l
Chromium (Cr)	5.35 µg/l
Lead (Pb)	2.41 µg/l
Mercury (Hg)	0.573 µg/l
Chromium VI	<1 µg/l

Azo Dyes

Test Method / Standard:

Azo dyes/Arylamines: With reference to German Standard DIN 38407-16 and with reference to European Standard EN 14362-1 incorporating Corrigendum, reporting limit: 0.1 µg/L

p-Aminoazobenzene is tested when Aniline and/or 1,4-Phenylenediamine is detected.

p-Aminoazobenzene: With reference to German Standard DIN 38407-16 and with reference to European Standard EN 14362-3, reporting limit: 0.1 µg/L

Azo Dyes	I001 (ug/L)
4,4'-Methylene-bis-(2-chloro-aniline)	<1 µg/l
4,4'-methylenedianiline	<1 µg/l
4,4'-Oxydianiline	<1 µg/l
4-Chloroaniline	<1 µg/l
1,4-Phenylenediamine	<1 µg/l
3,3'-Dimethoxybenzidine	<1 µg/l
3,3'-Dimethylbenzidine	<1 µg/l
6-methoxy-m-toluidine (p-Cresidine)	<1 µg/l
2,4,5-Trimethylaniline	<1 µg/l
4,4'-Thiodianiline	<1 µg/l
4-Aminoazobenzene	<1 µg/l
4-Methoxy-m-phenylenediamine / 2,4-Diaminoanisole	<1 µg/l
Aniline	<1 µg/l
4,4'-Methylene-di-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	<1 µg/l

Azo Dyes	I001 (ug/L)
2,6-Xylidine	<1 µg/l
o-Anisidine	<1 µg/l
2-Naphthylamine	<1 µg/l
3,3`-Dichlorobenzidine	<1 µg/l
4-Aminodiphenyl	<1 µg/l
Benzidine	<1 µg/l
o-Toluidine	<1 µg/l
2,4-Xylidine	<1 µg/l
4-Chloro-o-toluidine	<1 µg/l
4-Methyl-m-phenylenediamine	<1 µg/l
o-Aminoazotoluene	<1 µg/l
5-nitro-o-toluidine	<1 µg/l

Organotin Compounds

Test Method / Standard:

Tinorganic compounds: With reference to European Standard EN ISO 17353, reporting limits: DBB: 5 µg/L, Each (Others): 0.01 µg/L

Organotin Compounds	I001 (ug/L)
Monobutyltin (MBT)	<0.01 µg/l
Dibutyltin (DBT) / Dibutyltin chloride (DBTC)	<0.01 µg/l
Dibutyltin hydrogen borate (DBB) (Reported as B and DBT)	<5 µg/l
Tributyltin (TBT) / Bis(Tributyltin) oxide (TBTO)	<0.01 µg/l
Tetrabutyltin (TeBT)	<0.01 µg/l
Monooctyltin (MOT)	<0.01 µg/l
Diocetyltn (DOT)	<0.01 µg/l
Triocetyltn (TOT)	<0.01 µg/l
Dipropyltin (DPT)	<0.01 µg/l
Tripropyltin (TPT)	<0.01 µg/l



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Organotin Compounds	I001 (ug/L)
Phenyltin (PhT)	<0.01 µg/l
Diphenyltin (DPhT)	<0.01 µg/l
Triphenyltin (TPhT)	<0.01 µg/l
Monomethyltin (MeT) / Monomethyltintrichloride (MeTCl)	<0.01 µg/l
Dimethyltin (DMeT)	<0.01 µg/l
Trimethyltin (TMeT)	<0.01 µg/l
Tetraethyltin (TeEtT) / Triethyltin (TEtT)	<0.01 µg/l
Tricyclohexyltin (TCyHT)	<0.01 µg/l

Perfluorinated and Polyfluorinated Chemicals

Test Method / Standard:

Perfluorinated and polyfluorinated compounds (PFC's): BVCPS Inhouse method and analysis with Liquid Chromatograph Mass Spectrometer (LC-MS), reporting limit: PFOS & PFOA: 0.01 µg/L, other: 0.5 µg/L

Perfluorinated and Polyfluorinated Chemicals	I001 (ug/L)
Perfluorooctanoic acid (PFOA)	<0.01 µg/l
Perfluorooctane sulfonate (PFOS) / Perfluorooctanesulfonyl fluoride (POSF / PFOF)	<0.01 µg/l
Perfluorohexanoic acid (PFHxA)	<0.5 µg/l
Perfluorobutanoic acid (PFBA)	<0.5 µg/l
Perfluoroheptanoic acid (PFHpA)	<0.5 µg/l
Perfluorodecanoic acid (PFDA)	<0.5 µg/l
Perfluorononanoic acid (PFNA)	<0.5 µg/l
Perfluorooctane sulfonamide (PFOSA)	<0.5 µg/l
Perfluorododecanoic acid (PFDoA)	<0.5 µg/l
Perfluorotridecanoic acid (PFTrA)	<0.5 µg/l



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Perfluorinated and Polyfluorinated Chemicals	I001 (ug/L)
Perfluorotetradecanoic acid (PFTeA)	<0.5 µg/l
Perfluoropentanoic acid (PFPeA)	<0.5 µg/l
Perfluoroundecanoic acid (PFUnA)	<0.5 µg/l
Perfluorobutanesulfonic acid (PFBS)	<0.5 µg/l
Perfluorohexanesulfonic acid (PFHxS)	<0.5 µg/l
Perfluoro-1-heptanesulfonic acid (PFHpS)	<0.5 µg/l
Perfluorodecanesulfonic acid (PFDS)	<0.5 µg/l
2-(N-ethylperfluoro-1-octanesulfonamide)-ethanol (N-EtFOSE)	<0.5 µg/l
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	<0.5 µg/l
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	<0.5 µg/l
2-(N-methylperfluoro-1-octanesulfonamide)-ethanol (N-MeFOSE)	<0.5 µg/l
2-Perfluorobutylethanol (FTOH 4-2)	<0.5 µg/l
2-Perfluorohexylethanol (FTOH 6-2)	<0.5 µg/l
2-Perfluorooctylethanol (FTOH 8-2)	<0.5 µg/l
2-Perfluorodecylethanol (FTOH 10-2)	<0.5 µg/l
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	<0.5 µg/l
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	<0.5 µg/l
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	<0.5 µg/l
2H,2H,3H,3H-Perfluoroundecanoic acid	<0.5 µg/l
perfluoro-3,7-dimethyloctanoate (PF-3,7-DMOA)	<0.5 µg/l
7H-dodecafluoroheptanoate (HPFHpA)	<0.5 µg/l
1H,1H,2H,2H-Perfluorooctanesulphonic acid (H4PFOS 6:2)	<0.5 µg/l



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Chlorobenzenes

Test Method / Standard:

Chlorobenzenes: Reference to EPA 8260B & EPA 8270D, reporting limit: 0.02 µg/L

Chlorobenzenes and Chlorotoluenes	I001 (µg/L)
Chlorobenzene	7.2 µg/l
1,2-Dichlorobenzene	<0.02 µg/l
1,3-Dichlorobenzene	<0.02 µg/l
1,4-Dichlorobenzene	<0.02 µg/l
1,2,3-Trichlorobenzene	<0.02 µg/l
1,2,4-Trichlorobenzene	<0.02 µg/l
1,3,5-Trichlorobenzene	<0.02 µg/l
1,2,3,4-Tetrachlorobenzene	<0.02 µg/l
1,2,3,5-Tetrachlorobenzene	<0.02 µg/l
1,2,4,5-Tetrachlorobenzene	<0.02 µg/l
Pentachlorobenzene	<0.02 µg/l
Hexachlorobenzene	<0.02 µg/l

Chlorophenols

Test Method / Standard:

Chlorophenols: With reference to EPA 8270D, reporting limit: 0.5 µg/L

Chlorophenols	I001 (µg/L)
2-Chlorophenol	<0.5 µg/l
3-Chlorophenol	<0.5 µg/l
4-Chlorophenol	<0.5 µg/l
2,3-Dichlorophenol	<0.5 µg/l
2,4-Dichlorophenol	<0.5 µg/l
2,5-Dichlorophenol	<0.5 µg/l
2,6-Dichlorophenol	<0.5 µg/l
3,4-Dichlorophenol	<0.5 µg/l



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Chlorophenols	I001 (ug/L)
3,5-Dichlorophenol	<0.5 µg/l
2,3,4-Trichlorophenol	<0.5 µg/l
2,3,5-Trichlorophenol	<0.5 µg/l
2,3,6-Trichlorophenol	<0.5 µg/l
2,4,5-Trichlorophenol	<0.5 µg/l
2,4,6-Trichlorophenol	<0.5 µg/l
3,4,5-Trichlorophenol	<0.5 µg/l
2,3,4,5-Tetrachlorophenol	<0.5 µg/l
2,3,4,6-Tetrachlorophenol	<0.5 µg/l
2,3,5,6-Tetrachlorophenol	<0.5 µg/l
Pentachlorophenol (PCP)	<0.5 µg/l
Tetrachlorophenol (TeCP)	<0.5 µg/l

Chlorinated solvents

Test Method / Standard:

Chlorinated Solvents: With reference to U.S. EPA 8260B, reporting limit: 1 µg/L

Chlorinated solvents	I001 (ug/L)
1,1-Dichloroethylene	<1 µg/l
1,2-Dichloroethane	1.6 µg/l
cis-1,2-Dichloroethylene	<1 µg/l
trans-1,2-Dichloroethylene	<1 µg/l
1,1,1-Trichloroethane	<1 µg/l
1,1,2-Trichloroethane	<1 µg/l
Trichloroethylene	<1 µg/l
1,1,1,2-Tetrachloroethane	<1 µg/l
Chloroform	<1 µg/l
Carbon tetrachloride	<1 µg/l
Methylene chloride	23 µg/l
Tetrachloroethylene	<1 µg/l



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Disperse and Carcinogenic Dyes

Test Method / Standard:

Carcinogenic Dyes and Allergenic Disperse Dyes: BVCPs Inhouse method and analysis by Liquid Chromatograph Mass Spectrometer (LC-MS), reporting limit: 15 µg/L

Disperse and Carcinogenic Dyes	I001 (µg/L)
Disperse dyes - Disperse Yellow 1 (119-15-3)	< 15 µg/L
Disperse dyes - Disperse Blue 35 (12222-75-2)	< 15 µg/L
Disperse dyes - Disperse Blue 102 (12222-97-8/69766-79-6)	< 15 µg/L
Disperse dyes - Disperse Blue 106 (12223-01-7)	< 15 µg/L
Disperse dyes - Disperse Yellow 39 (12236-29-2)	< 15 µg/L
Disperse dyes - Orange 37 / 76 (13301-61-6)	< 15 µg/L
Carcinogenic dyestuffs - Direct Brown 95 (16071-86-6)	< 15 µg/L
Carcinogenic dyestuffs - Acid Violet 49 (1694-09-3)	< 15 µg/L
Carcinogenic dyestuffs - Direct Black 38 (1937-37-7)	< 15 µg/L
Disperse dyes - Disperse Brown 1 (23355-64-8)	< 15 µg/L
Carcinogenic dyestuffs - Direct Blue 15 (2429-74-5)	< 15 µg/L
Carcinogenic dyestuffs - Basic Green 4 (2437-29-8, 569-64-2, 10309-95-2)	< 15 µg/L
Disperse dyes - Disperse Blue 1 (2475-45-8)	< 15 µg/L
Disperse dyes - Disperse Blue 3 (2475-46-9)	< 15 µg/L
Carcinogenic dyestuffs - Basic Blue 26 (2580-56-5)	< 15 µg/L
Disperse dyes - Disperse Orange 1 (2581-69-3)	< 15 µg/L
Carcinogenic dyestuffs - Direct Blue 6 (2602-46-2)	< 15 µg/L



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Disperse and Carcinogenic Dyes	I001 (ug/L)
Disperse dyes - Disperse Yellow 3 (2832-40-8)	< 15 µg/L
Carcinogenic dyestuffs - Direct Blue 218 (28407-37-6)	< 15 µg/L
Disperse dyes - Disperse Red 11 (2872-48-2)	< 15 µg/L
Disperse dyes - Disperse Red 1 (2872-52-8)	< 15 µg/L
Disperse dyes - Disperse Red 17 (3179-89-3)	< 15 µg/L
Disperse dyes - Disperse Blue 7 (3179-90-6)	< 15 µg/L
Carcinogenic dyestuffs - Acid Red 26 (3761-53-3)	< 15 µg/L
Disperse dyes - Disperse Blue 26 (3860-63-7)	< 15 µg/L
Disperse dyes - Disperse Yellow 49 (54824-37-2)	< 15 µg/L
Carcinogenic dyestuffs - Basic Red 9 (569-61-9)	< 15 µg/L
Carcinogenic dyestuffs - Direct Red 28 (573-58-0)	< 15 µg/L
Carcinogenic dyestuffs - Solvent Yellow 1 (60-09-3)	< 15 µg/L
Carcinogenic dyestuffs - Solvent Yellow 2 (60-11-7)	< 15 µg/L
Disperse dyes - Disperse Blue 124 (61951-51-7)	< 15 µg/L
Carcinogenic dyestuffs - Disperse Yellow 23 (6250-23-3)	< 15 µg/L
Carcinogenic dyestuffs - Basic Violet 14 (632-99-5)	< 15 µg/L
Disperse dyes - Disperse Yellow 9 (6373-73-5)	< 15 µg/L
Carcinogenic dyestuffs - Acid Red 114 (6459-94-5)	< 15 µg/L
Disperse dyes - Disperse Orange 3 (730-40-5)	< 15 µg/L
Carcinogenic dyestuffs - Basic Violet 1 (8004-87-3)	< 15 µg/L
Carcinogenic dyestuffs - Disperse Orange 11 (82-28-0)	< 15 µg/L
Carcinogenic dyestuffs - Solvent Yellow 14 (842-07-9)	< 15 µg/L
Carcinogenic dyestuffs - Disperse Orange 149 (85136-74-9)	< 15 µg/L



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Disperse and Carcinogenic Dyes	I001 (ug/L)
Carcinogenic dyestuffs - Solvent Yellow 3 (97-56-3)	< 15 µg/L



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Parameters & CAS No.

p-Aminoazobenzene (CAS No.)	Chlorobenzene (108-90-7)
p-Aminoazobenzene (60-09-3)	Hexachlorobenzene (118-74-1)
Alkylphenols & Alkylphenoethoxylates (CAS No.)	1,2,4-Trichlorobenzene (120-82-1)
Octylphenols (OP) (140-66-9, 27193-28-8, 1606-26-4, 85771-77-3)	1,3-Dichlorobenzene (541-73-1)
Nonylphenols (NP) (25154-62-3, 104-40-5, 90481-04-2, 84852-15-3, 1173019-62-9, 11066-49-2)	Pentachlorobenzene (608-93-5)
Octylphenol monoethoxylates (OPEO n=1) (Various)	1,2,3,4-Tetrachlorobenzene (634-66-2)
Octylphenoethoxylates (OPEO n=2 to n=18)(Various.)	1,2,3,5-Tetrachlorobenzene & 1,2,4,5-Tetrachlorobenzene (634-90-2, 95-94-3)
Nonylphenol monoethoxylates (NPEO n=1)(various)	1,2,3-Trichlorobenzene (87-61-6)
Nonylphenoethoxylates (NPEO n=2 to n=10) (various.)	1,2-Dichlorobenzene (95-50-1)
Azo dyes/Arylamines (CAS No.)	Chlorophenole (CAS No.)
4,4'-Methylene-bis-(2-chloro-aniline) (101-14-4)	4-Chlorophenol (106-48-9)
4,4'-Methylenedianiline (4,4'-Diaminodiphenylmethane) (101-77-9)	3-Chlorophenol (108-43-0)
4,4'-Oxydianiline (101-80-4)	3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol (120-83-2, 583-78-8, 87-65-0, 591-35-5)
4-Chloroaniline (106-47-8)	2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP) (4901-51-3)
1,4-Phenylenediamine (106-50-3)	2,3-Dichlorophenol (576-24-9)
3,3'-Dimethoxybenzidine (119-90-4)	2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP) (58-90-2)
3,3'-Dimethylbenzidine (119-93-7)	4-Chloro-3-methylphenol (59-50-7)
6-Methoxy-m-toluidine (p-Cresidine) (120-71-8)	3,4,5 & 2,3,4-Trichlorophenol (609-19-8, 15950-66-0)
2,4,5-Trimethylaniline (137-17-7)	Pentachlorophenol (PCP) (87-86-5)
4,4'-Thiodianiline (139-65-1)	2,4,6-Trichlorophenol (2,4,6-TCP) (88-06-2)
4-Methoxy-m-phenylenediamine (2,4-Diaminoanisole) (615-05-4)	2,3,6 & 2,4,5-Trichlorophenol (2,3,6 & 2,4,5-TCP) (933-75-6, 95-95-4)
Aniline (62-53-3)	2,3,5-Trichlorophenol (2,3,5-TCP) (933-78-8)
4,4'-Methylenedi-o-toluidine (3,3'-Dimethyl-4,4'-diaminodiphenylmethane) (838-88-0)	2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP) (935-95-5)
2,6-Xylidine (87-62-7)	2-Chlorophenol (95-57-8)
o-Anisidine (90-04-0)	3,4-Dichlorophenol (95-77-2)
2-Naphthylamine (91-59-8)	Short Chain Chlorinated Paraffins (CAS No.)
3,3'-Dichlorobenzidine (91-94-1)	Short chained chlorinated paraffines, C10-C13 (85535-84-8)
4-Aminobiphenyl (92-67-1)	Carcinogenic Dyes and Allergenic Disperse Dyes (CAS No.)
Benzidine (92-87-5)	Disperse dyes - Disperse Yellow 1 (119-15-3)
o-Toluidine (95-53-4)	Disperse dyes - Disperse Blue 35 (12222-75-2)
2,4-Xylidine (95-68-1)	Disperse dyes - Disperse Blue 102 (12222-97-3/69766-79-6)
4-Chloro-o-toluidine (95-69-2)	Disperse dyes - Disperse Blue 106 (12223-01-7)
4-Methyl-m-phenylenediamine (2,4-Toluenediamine) (95-80-7)	Disperse dyes - Disperse Yellow 39 (12236-29-2)
o-Aminoazotoluene (97-56-3)	Disperse dyes - Orange 37 / 76 (13301-61-6)
5-Nitro-o-toluidine (99-55-8)	Carcinogenic dyestuffs - Direct Brown 95 (16071-86-6)
Chlorobenzenes (CAS No.)	Carcinogenic dyestuffs - Acid Violet 49 (1694-09-3)
1,4-Dichlorobenzene (106-46-7)	Carcinogenic dyestuffs - Direct Black 38 (1937-37-7)
1,3,5-Trichlorobenzene (108-70-3)	Disperse dyes - Disperse Brown 1 (23355-64-8)
	Carcinogenic dyestuffs - Direct Blue 15 (2429-74-5)



<p>Carcinogenic dyestuffs - Basic Green 4 (2437-29-8, 569-64-2, 10309-95-2)</p> <p>Disperse dyes - Disperse Blue 1 (2475-45-8)</p> <p>Disperse dyes - Disperse Blue 3 (2475-46-9)</p> <p>Carcinogenic dyestuffs - Basic Blue 26 (2580-56-5)</p> <p>Disperse dyes - Disperse Orange 1 (2581-69-3)</p> <p>Carcinogenic dyestuffs - Direct Blue 6 (2602-46-2)</p> <p>Disperse dyes - Disperse Yellow 3 (2832-40-8)</p> <p>Carcinogenic dyestuffs - Direct Blue 218 (28407-37-6)</p> <p>Disperse dyes - Disperse Red 11 (2872-48-2)</p> <p>Disperse dyes - Disperse Red 1 (2872-52-8)</p> <p>Disperse dyes - Disperse Red 17 (3179-89-3)</p> <p>Disperse dyes - Disperse Blue 7 (3179-90-6)</p> <p>Carcinogenic dyestuffs - Acid Red 26 (3761-53-3)</p> <p>Disperse dyes - Disperse Blue 26 (3860-63-7)</p> <p>Disperse dyes - Disperse Yellow 49 (54824-37-2)</p> <p>Carcinogenic dyestuffs - Basic Red 9 (569-61-9)</p> <p>Carcinogenic dyestuffs - Direct Red 28 (573-58-0)</p> <p>Carcinogenic dyestuffs - Solvent Yellow 1 (60-09-3)</p> <p>Carcinogenic dyestuffs - Solvent Yellow 2 (60-11-7)</p> <p>Disperse dyes - Disperse Blue 124 (61951-51-7)</p> <p>Carcinogenic dyestuffs - Disperse Yellow 23 (6250-23-3)</p> <p>Carcinogenic dyestuffs - Basic Violet 14 (632-99-5)</p> <p>Disperse dyes - Disperse Yellow 9 (6373-73-5)</p> <p>Carcinogenic dyestuffs - Acid Red 114 (6459-94-5)</p> <p>Disperse dyes - Disperse Orange 3 (730-40-5)</p> <p>Carcinogenic dyestuffs - Basic Violet 1 (8004-87-3)</p> <p>Carcinogenic dyestuffs - Disperse Orange 11 (82-28-0)</p> <p>Carcinogenic dyestuffs - Solvent Yellow 14 (842-07-9)</p> <p>Carcinogenic dyestuffs - Disperse Orange 149 (85136-74-9)</p> <p>Carcinogenic dyestuffs - Solvent Yellow 3 (97-56-3)</p>
<p>Flame retardants (CAS No.)</p> <p>Monobromodiphenylether (MonoBDE) (101-55-3)</p> <p>Tris(2-chlorethyl)phosphat (TCEP) (115-96-8)</p> <p>Decabromodiphenylether (DecaBDE) (1163-19-5)</p> <p>Tris-(2,3-dibromopropyl) phosphate (TRIS) (126-72-7)</p> <p>Hexabromocyclododecane (HBCDD) (134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6)</p> <p>Tris (2-chloroisopropyl) phosphate (TCPP) (13674-84-5)</p> <p>Tris(1,3-Dichloroisopropyl)Phosphate (TDCP) (13674-87-8)</p> <p>Pentabromodiphenylether (PentaBDE) (32534-81-9)</p> <p>Octabromodiphenylether (OctaBDE) (32536-52-0)</p> <p>Hexabromodiphenylether (HexaBDE) (36483-60-0)</p> <p>Tetrabromodiphenylether (TetraBDE) (40088-47-9)</p> <p>Tribromodiphenylether (TriBDE) (49690-94-0)</p> <p>Dibromodiphenylether (DiBDE) (53563-56-7)</p>

<p>Bis(2,3-dibromopropyl) phosphate (BIS) (5412-25-9)</p> <p>Nonabromodiphenylether (NonaBDE) (63936-56-1)</p> <p>Heptabromodiphenylether (HeptaBDE) (68928-80-3)</p> <p>Tetrabromobisphenol A (TBBPA) (79-94-7)</p>
<p>Heavy metals, total content & Chromium VI (CAS No.)</p> <p>Lead (Pb) (7439-92-1)</p> <p>Mercury (Hg) (7439-97-6)</p> <p>Cadmium (Cd) (7440-43-9)</p> <p>Chromium (Cr) (7440-47-3)</p>
<p>Perfluorinated and polyfluorinated compounds (PFC's) (CAS No.)</p> <p>7H-do decafluoroheptanoate (HPFHpA) (1546-95-8)</p> <p>2-(N-ethylperfluoro-1-octanesulfonamide)-ethanol (N-EtFOSE) (1691-99-2)</p> <p>perfluoro-3,7-dimethyloctanoate (PF-3,7-DMOA) (172155-07-6)</p> <p>1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA) (17527-29-6)</p> <p>Perfluorooctane sulfonate (PFOS) / Perfluorooctanesulfonyl fluoride (POSF / PFOF) (1763-23-1, 56773-72-3, 307-35-7)</p> <p>1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) (17741-60-5)</p> <p>2-Perfluorobutylethanol (FTOH 4-2) (2043-47-2)</p> <p>Perfluoroundecanoic acid (PFUnA) (2058-94-8)</p> <p>2-(N-methylperfluoro-1-octanesulfonamide)-ethanol (N-MeFOSE) (2448-09-7)</p> <p>Perfluoropentanoic acid (PFPeA) (2706-90-3)</p> <p>1H,1H,2H,2H-Perfluorooctanesulphonic acid (H4PFOS 6:2) (27619-97-2)</p> <p>1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA) (27905-45-9)</p> <p>Perfluorohexanoic acid (PFHxA) (307-24-4)</p> <p>Perfluorododecanoic acid (PFDoA) (307-55-1)</p> <p>N-methylperfluoro-1-octanesulfonamide (N-MeFOSA) (31506-32-8)</p> <p>Perfluorooctanoic acid (PFOA) (335-67-1)</p> <p>Perfluorodecanoic acid (PFDA) (335-76-2)</p> <p>Perfluorodecanesulfonic acid (PFDS) (335-77-3, 2806-15-7)</p> <p>2H,2H,3H,3H-Perfluoroundecanoic acid (34598-33-9)</p> <p>Perfluorohexanesulfonic acid (PFHxS) (355-46-4, 3871-99-6)</p> <p>Perfluorobutanoic acid (PFBA) (375-22-4)</p> <p>Perfluorobutanesulfonic acid (PFBS) (375-73-5, 29420-49-3)</p> <p>Perfluoroheptanoic acid (PFHpA) (375-85-9)</p> <p>Perfluorononanoic acid (PFNA) (375-95-1)</p> <p>Perfluorotetradecanoic acid (PFTeA) (376-06-7)</p> <p>N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA) (4151-50-2)</p> <p>Perfluoro-1-heptanesulfonic acid (PFHpS) (60270-55-5, 375-92-8)</p>



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2-Perfluorohexylethanol (FTOH 6-2) (647-42-7) 2-Perfluorooctylethanol (FTOH 8-2) (678-39-7) Perfluorotridecanoic acid (PFTra) (72629-94-8) Perfluorooctane sulfonamide (PFOSA) (754-91-6) 2-Perfluorodecylethanol (FTOH 10-2) (865-86-1)	1,1,2-Trichloroethane (79-00-5) Trichloroethylene (79-01-6)
Phthalates (CAS No.)	Tinorganic compounds (CAS No.)
Di(2-ethylhexyl)phthalate (DEHP) (117-81-7) Bis(2-methoxyethyl) phthalate (DMEP) (117-82-8) Di-n-octylphthalate (DNOP) (117-84-0) Di-n-propylphthalate (DPRP) (131-16-8) Di-n-pentylphthalate (DnPP) (131-18-0) Di-iso-octylphthalate (DIOP) (1330-91-2) Di-iso-decylphthalate (DIDP) (26761-40-0, 68515-49-1) Di-iso-nonylphthalate (DINP) (28553-12-0, 68515-48-0) Di-iso-pentylphthalate (DiPP) (605-50-5) 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) -> determined as Diundecylphthalate (68515-42-4, 3648-20-2) 1,2-Benzenedicarboxylic acid, dihexylester, branched and linear (DHP) (68515-50-4) 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl di esters with ≥0.3% of dehexylphthalate (EC 201-559-5) (68515-51-5 and 68648-93-1) Diisohexylphthalate (DIHxP) (71850-09-4) 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (71888-89-6) n-Pentyl-iso-pentylphthalate (PiPP) (776297-69-9) Dicyclohexylphthalate (DCHP) (84-61-7) Diethylphthalate (DEP) (84-66-2) Di-iso-butylphthalate (DIBP) (84-69-5) Dibutylphthalate (DBP) (84-74-2) Di-n-hexylphthalate (DnHP) (84-75-3) Dinonylphthalate (DNP) (84-76-4) Benzylbutylphthalate (BBP) (85-68-7)	Triocetyl tin (TOT) (.nonexistent-) Dibutyltin (DBT) / Dibutyltin chloride (DBTC) (1002-53-5, 683-18-1) Diphenyltin (DPHT) (1011-95-6) Trimethyltin (TMeT) (1066-45-1) Monobutyltin (MBT) (1118-46-3) Phenyltin (PhT) (1124-19-2) Tetrabutyltin (TeBT) (1461-25-2) Monooctyltin (MOT) (15231-44-4) Tricyclohexyltin (TCyHT) (3091-32-5) Tributyltin (TBT) / Bis(Tributyltin) oxide (TBTO) (56573-85-4, 56-35-9) Tetraethyltin (TeEtT) / Triethyltin (TEIT) (597-64-8) Triphenyltin (TPHT) (639-58-7) Dibutyltin hydrogen borate (DBB) (Reported as B and DBT) (75113-37-0) Dimethyltin (DMeT) (753-73-1) Dipropyltin (DPT) (867-36-7) Diocetyl tin (DOT) (94410-05-6) Tripropyltin (TPT) (nonexistent) Monomethyltin (MeT) / Monomethyltin trichloride (MeTCl) (various, 993-16-8)
Chlorinated Solvents (CAS No.)	
1,2-Dichloroethane (107-06-2) Tetrachloroethylene (127-18-4) cis-1,2-Dichloroethylene (156-59-2) trans-1,2-Dichloroethylene (156-60-5) Carbon tetrachloride (56-23-5) 1,1,1,2-Tetrachloroethane (630-20-6) Chloroform (67-66-3) 1,1,1-Trichloroethane (71-55-6) Methylene chloride (75-09-2) 1,1-Dichloroethylene (75-35-4)	