

Our fashion duel

Since its foundation, BerBrand has focused its attention on the sustainability of the resources used and the processes undertaken. In 2005 we've been the first company of our sector in the world to invest in a 360° research our supply chain through 3 continents.

Even when dealing with natural materials, we always tried to minimize the few chemical substances eventually used in our supply chain with refusing all the hazardous substances used for dyeing buttons and trims.

In 2014, when looking for new best practices, we have been positively impressed from Greenpeace activities in monitoring and spurring the big fashion Brands to be more involved in proactive action through their supply chain, in particular for which that concern the use of hazardous chemical substances and respect of ethical principles as we do following the guidelines of our CSR.

Today, September 2014, we decided to move further by committing to the Greenpeace Detox guidelines, recognizing to main goals for the next 5 years.

1. Monitoring and eliminating all hazardous chemicals from our processes;
2. Sensitizing our main Stakeholders, starting from our suppliers of products and services, in committing themselves in a long-term sustainability program to detox fashion and our future.

We are conscious this might be a challenging path, but it is also a matter of fact that our motto is "Don't imitate, initiate".

BerBrand Sustainability Team

Grumello del Monte, 22nd September 2014 (Release V1.0)

Notes to the analysis of the release V1.0

The analysis of the chemical substances listed in the Detox combined M-RSL, issued by Greenpeace, have been undertaken by a premium Italian research laboratory.

1. Substances indicated as "B". All substances marked with the letter "B" are not used in the BerBrand product cycles or have already been eliminated.
2. Substances indicated as "PO". Those are the substances that have not yet been detected or we commit to phase out within the date in the commitment.
3. Substances indicated as "A". Those are minor detection index alerts and when occurring we have introduced a new internal procedure consisting in carrying out further analysis and cycles inspections if needed.

Analysis report comments

The first inspection brought to positive results. The almost totality of the substances inspected resulted as N.D. (Not Detectable analytically).

The analysis in fact detected one sole parameter out of the range in a sample lot of varnished Mother-of-pearl buttons, founding a trace of the Bis-2-Ethylhexyl Phthalate (DEHP) of 0,0073%, assumed as a possible contamination external to our cycle. As Phthalates are not used in the processing of Mother-of-pearl buttons (they come from a lathing process of a shell made blank), we positively agree with our certification center, but we decide to inspect anyway the sole phase of the cycle we might incur in a synthetic base substance: the varnishing process. This process is currently outsourced for all our products, so we started collecting all the material safety data sheets of those product using in our cycles, finding no evidence of such substance in the ingredient list. Then we have contacted the producer of such painting products and they confirmed that they do not use phthalates for their product, understanding that the sole reason could be a contamination of the spraying tools or the varnish tank.

Because of the novelty of the M-RSL some of the analysis should be carried out in the next future (those substances eventually not analyzed are indicated as "PO" in the following table).

A further analysis for these class of substances will be undertaken on other lots of similar products in the next weeks.

4. Analysis on waste water. As B erBrand S.r.l. Unipersonale do not undertake internal wet production phases and the use of water is restricted to the domestic use made by of the employees of the office.

BERBRAND S.R.L. UNIPERSONALE

BerBrand Detox Index	B
BerBrand Detox Index	PO
BerBrand Detox Index	A

Banned. All the substances marked in green are (or have been) not detected, banned or are not used in Ber production cycles (Sept. 2014).
Phase Out. Berbrand recognizes the substances marked in yellow are still to be detected or BerBrand under phase these substances out within the date in the commitment.
Alert. Those are minor detection index alerts and further analysis and cycle check are needed.

Detox - Combined M-RSL Analysis

Version: V1.0

29 August 2014

A. LIST OF THE RESTRICTED SUBSTANCES (11 CHEMICAL SUBSTANCES LISTED AS DANGEROUS BY GREENPEACE)						
Detox Required Action Level Banned Sept. 14 Phase-Out: 15-16	Substance	CAS-nr.	Detection Limit		Test Method	BerBrand Status
			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / Output: Waste Water Sludge (mg/kg)		
1. Alkylphenols (APEO)						
	Octylphenol OP	Various	1	0,2	Determination of ethoxylated alkylphenols. Part 1: direct method - Test Method: ISO/DIS 18218-1: 2013 Operating Conditions - Determination by LC-MSMS analysis	B
	4-(1,1,3,3-Tetramethylbutyl)-phenol (octylphenols)	140-66-9				B
	Octylphenol	27193-28-8				B
	4-Octylphenol	1806-26-4				B
	Nonylphenol NP	various	1	0,2		B
	4-Nonylphenol	25154-52-3				B
	Nonylphenol	104-40-5				B
	Nonylphenol	90481-04-2				B
	4-Nonylphenol (branched)	84852-15-3				B
	Nonylphenol	1173019-62-9				B
	Nonylphenol Ethoxylates NPEO (1-2)	various	1	0,2		B
	Nonylphenol Ethoxylates NPEO (3-18)	various	1	0,2		B
	(Nonylphenoxy)-polyethylenoxid	9016-45-9				B
	4-Nonylphenol, ethoxylated	26027-38-3				B
	(NPEs 3-18) Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-omega-hydroxy-, branched	68412-54-4				B
	4-Nonylphenol, branched, ethoxylated	127087-87-0				B
	Unbekanntes Farbmittel 94 (SIN list Isononylphenol-ethoxylate)	37205-87-1				B
	Octylphenol Ethoxylates OPEO (1-2)	various	1	0,2		B
	Octylphenol Ethoxylates OPEO (3-18)	various	1	0,2		B
	(OPEs 3-18) alpha-[4-(1,1,3,3-Tetramethylbutyl)phenyl]-w-hydroxypoly(oxy-1,2-ethandiyl) (SIN List OPEs)	9002-93-1				B
	4-tert-Octylphenoethoxylate	9036-19-5			B	
	4-tert-Octylphenoethoxylate	68987-90-6			B	
2. Phthalates						
	Di-Butyl Phthalate (DBP)	84-74-2	1	0,3	Determination of Phthalates in footwear materials - Test Method: UNI CEN ISO TS 16181: 2011 Operating Conditions - Test executed on the total sample mass - Extraction in ultrasonic bath - Detection by GC-MS analysis	B
	Di(2-Ethyl Hexyl) Phthalate(DEHP)	117-81-7	1	0,3		A
	Benzyl Butyl Phthalate (BBP)	85-68-7	1	0,3		B
	Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0	1	0,3		B
	Di-N-Octyl Phthalate (DNOP)	117-84-0	1	0,3		B
	Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1	1	0,3		B
	Di-Iso-Butyl Phthalate (DIBP)	84-69-5	1	0,3		B
	Di-N-Hexyl Phthalate (DNHP)	84-75-3	1	0,3		B
	Di-(2-metossietil) ftalato (DMEP)	117-82-8				B
	DHNUP	68515-42-4				B
	DIHP	71888-89-6				B
	DPP	131-18-0				B
				declaration of non-use		B
3. Brominated and Chlorinated Flame retardants						
	Polybrominated biphenyls (PBBs)	59536-65-1 various			Solvent extraction determination GC-MS	B
	Monobromo biphenyls (MonoBB)		0,05	0,03		B
	Dibromo biphenyls (DiBB)	-	0,05	0,03		B
	Tribromo biphenyls (TriBB)	-	0,05	0,03		B
	Tetrabromo biphenyls (TetraBB)	-	0,05	0,03		B
	Pentabromo biphenyls (PentaBB)	-	0,05	0,03		B
	Hexabromo biphenyls (HexaBB)	-	0,05	0,03		B
	Heptabromo biphenyls (HeptaBB)	-	0,05	0,03		B
	Octabromo biphenyls (OctaBB)	-	0,05	0,03		B
	Nonabromo biphenyls (NonaBB)	-	0,05	0,03		B
	Decabromo biphenyl (DecaBB)	13654-09-6	0,05	0,03		B
	Polybrominated diphenyl ethers (PBDEs)	various	0,05	0,03		B
	Monobromo diphenyl ethers (MonoBDE)	-	0,05	0,03		B
	Dibromo diphenyl ethers (DiBDE)	-	0,05	0,03		B
	Tribromo diphenyl ethers (TriBDE)	-	0,05	0,03		B
	Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	0,05	0,03		B
	Pentabromo diphenyl ethers (PentaBDE)	32534-81-9	0,05	0,03		B
	Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	0,05	0,03		B
	Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	0,05	0,03		B
	Octabromo diphenyl ethers (OctaBDE)	32536-52-0	0,05	0,03		B
	Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	0,05	0,03		B
	Decabromo diphenyl ether (DecaBDE)	1163-19-5	0,05	0,03		B
	Tris(2,3-Dibromopropyl)-Phosphate (TRIS)	126-72-7	0,05	0,25		B
	Tris(2-Chloroethyl)Phosphate (TCEP)	115-96-8	0,05	0,25		B
	Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6	0,05	0,25		B
	Tetrabromo-bisphenol A (TBBPA)	79-94-7	0,05	0,25		B
Subgroup: OTHER FLAME RETARDANTS						
	TEPA	5455-55-1				Solvent extraction and GC-MS analysis
	TRIS	5412-25-9			B	
	Sodium tetraborate	1303-96-4 1303-43-4 12179-04-3 215 540-4			B	
	Boron trioxide	1303-86-2			B	
	Boric acid	10043-35-3 11113-50-1			B	
	Antimony trioxide	1309-64-4			B	
	Tri-o-cresyl phosphate	78-30-8			B	
	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8			B	
				declaration of non-use	B	

BERBRAND S.R.L. UNIPERSONALE

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Detox - Combined M-RSL Analysis

Verison: V1.0

29 August 2014

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Detox Required Action Level Banned Sept. 14 Phase-Out: 15-16	Substance	CAS-nr.	Detection Limit		Test Method	BerBrand Status
			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / OutPut: Waste Water Sludge (mg/kg)		
4. Amines (Associated with Azo dyes)						
	4-Aminodiphenyl	92-67-1			Determination of certain AZO colorants in dyed leathers. Part 1: Determination of certain aromatic amines derived from azo colorants - Test Method: UNI EN ISO 17234-1: 2010 EC1: 2011 Operating Conditions - Qualitative Detection: GC-MS - Quantitative Detection: HPLC/DAD	B
	Benzdine	92-87-5				B
	4-Chloro-o-Toluidine	95-69-2				B
	2-Naphthylamine	91-59-8				B
	o-Aminoazotoluene	97-56-3				B
	2-Amino-4-Nitrotoluene	99-55-8				B
	p-Chloroaniline	106-47-8				B
	2,4-Diaminoanisole	615-05-4				B
	4,4'-Diaminodiphenylmethane	101-77-9				B
	3,3'-Dichlorobenzidine	91-94-1				B
	3,3'-Dimethoxybenzidine	119-90-4				B
	3,3'-Dimethylbenzidine	119-93-7				B
	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	0,01	0,01		B
	p-Cresidine	120-71-8				B
	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4				B
	4,4'-Oxydianiline	101-80-4				B
	4,4'-Thiodianiline	139-65-1				B
	o-Toluidine	95-53-4				B
	2,4-Toluylenediamine	95-80-7				B
	2,4,5-Trimethylaniline	137-17-7				B
	o-Anisidine	90-04-0				B
	p-Aminoazobenzene	60-09-3				B
	2,4-Xylidine	95-68-1				B
	2,6-Xylidine	87-62-7				B
Subgroup: CARCINOGENIC DYES						
	C.I. Acid Red 26	3761-53-3			declaration of non-use	B
	C.I. Basic Red 9	569-61-9				B
	C.I. Basic Violet 14	632-99-5				B
	C.I. Direct Blue 6	2602-46-2				B
	C.I. Direct Red 28	573-58-0				B
	C.I. Direct Black 38	1937-37-7				B
	C.I. Disperse Blue 1	2475-45-8				B
	C.I. Disperse Yellow 3	2832-40-8				B
	C.I. Disperse Orange 11	82-28-0				B
	C.I. Disperse Yellow 23	6250-23-3				B
	C.I. Disperse Orange 149	85136-74-9				B
	C.I. Solvent Yellow 1	60-09-3				B
	C.I. Solvent Yellow 2	60-11-7 EN71-9				B
	C.I. Solvent Yellow 3	97-56-3				B
	C.I. Solvent Yellow 14	842-07-9				B
	C.I. Basic Blue 26	2580-56-5				B
	C.I. Basic Violet 1	8004-87-3 EN71-9				B
	C.I. Direct Brown 95	16071-86-6				B
	C.I. Direct Blue 15	2429-74-5				B
	C.I. Direct Blue 218	28407-37-6				B
	C.I. Acid Red 114	6459-94-5				B
	C.I. Acid Violet 49	1694-09-3				B
Subgroup: ALLERGENIC DISPERSE DYES						
	C.I. Disperse Blue 1	2475-45-8				declaration of non-use
	C.I. Disperse Blue 3	2475-46-9			B	
	C.I. Disperse Blue 7	3179-90-6			B	
	C.I. Disperse Blue 26	3860-63-7			B	
	C.I. Disperse Blue 35	12222-75-2			B	
	C.I. Disperse Blue 102	12222-97-8			B	
	C.I. Disperse Blue 106	12223-01-7			B	
	C.I. Disperse Blue 124	61951-51-7			B	
	C.I. Disperse Brown 1	23355-64-8			B	
	C.I. Disperse Orange 1	2581-69-3			B	
	C.I. Disperse Orange 3	730-40-5			B	
	C.I. Disperse Orange 37/76	13301-61-6			B	
	C.I. Disperse Red 1	2872-52-8			B	
	C.I. Disperse Red 11	2872-48-2			B	
	C.I. Disperse Red 17	3179-89-3			B	
	C.I. Disperse Yellow 1	119-15-3			B	
	C.I. Disperse Yellow 3	2832-40-8			B	
	C.I. Disperse Yellow 9	6373-73-5			B	
	C.I. Disperse Yellow 39	12236-29-2			B	
	C.I. Disperse Yellow 49	54824-37-2			B	

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Detox Required Action Level Banned Sept. 14 Phase-Out: 15-16	Substance	CAS-nr.	Detection Limit		Test Method	BerBrand Status	
			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / Output: Waste Water Sludge (mg/kg)			
5. Organotin compounds							
	MBT(Monobutyltin)	1118-46-3	0,01	0,01	Determination of Organotin Compounds in footwear materials - Test Method: UNI CEN ISO TS 16179: 2012 Operating Conditions - Detection by GC-MS analysis	B	
	DBT(Dibutyltin)	1002-53-5				B	
	TBT(Tributyltin)	56573-85-4				B	
	TPhT(Triphenyltin)	892-20-6				B	
	DOT(Dioctyltin)	94410-05-6				B	
	MOT(Monoctyltin)	15231-44-4				B	
	DPhT(Diphenyltin)	1011-95-6				B	
	TeBT(Tetrabutyltin)	1461-25-2				B	
	TCyT(Tricyclohexyltin)	NA				B	
	TPI(Tripropyltin)	NA				B	
	TeET(Tetraethyltin)	597-64-8				B	
	TBTO	56-35-9				declaration of non-use	B
	DBTC	683-18-1					B
	TPT	668-34-8					B
DBB	75113-37-0	B					
6. PFCs							
	PFOA	335-67-1	0,01	0,001	Perfluorinated tenside - Test Method: UNI CEN TS 15968: 2010 Operating Conditions - Methanol ultrasonic extraction, 2h at 60°C - Determination by LC-MS MS	B	
	PFNA	375-95-1	0,01	0,001		B	
	PFBS	375-73-5 or	0,01	0,001		B	
		59933-66-3				B	
	PFOS	1763-23-1	0,01	0,001		B	
	4:2 FTOH(**)	2043-47-2	0,1	0,01		B	
	6:2 FTOH(**)	647-42-7	0,1	0,01		B	
	8:2 FTOH(**)	678-39-7	0,1	0,01		B	
	10:2 FTOH(**)	865-86-1	0,1	0,01		B	
	POSF(**)	307-35-7	0,1	0,01		B	
	PFHxS	355-46-4	0,01	0,001		B	
	PFHxA	307-24-4	0,01	0,001		B	
	PFOSA	754-91-6	0,1	0,01		B	
	N-Me-FOSA	31506-32-8	0,1	0,01		B	
	N-Et-FOSA	4151-50-2	0,1	0,01		B	
	N-Me-FOSE alcohol	24448-09-7	0,1	0,01		B	
	N-Et-FOSE alcohol	1691-99-2	0,1	0,01		B	
	PFBA	375-22-4	0,01	0,001		B	
	PFPeA	2706-90-3	0,01	0,001		B	
	PFHpA	375-85-9	0,01	0,001		B	
	PFDA	335-76-2	0,01	0,001		B	
	PFUnA	2058-94-8	0,01	0,001		B	
	PFDoA	307-55-1	0,01	0,001		B	
	PFTtA	72629-94-8	0,01	0,001		B	
	PFteA	376-06-7	0,01	0,001		B	
	PFHpS	375-92-8	0,01	0,001		B	
	PFDS	335-77-3	0,01	0,001		B	
	6:2 FTA(**)	17527-29-6	0,1	0,01		B	
	8:2 FTA(**)	27905-45-9	0,1	0,01		B	
	10:2 FTA(**)	17741-60-5	0,1	0,01		B	
	PF-3,7-DMOA	172155-07-6	0,01	0,001		B	
	HPFHpA	1546-95-8	0,01	0,001		B	
4HPFUnA	34598-33-9	0,01	0,001	B			
1H, 1H, 2H, 2H-PFOS	27619-97-2	0,01	0,001	B			
7. Chloro benzenes							
	Dichlorobenzenes	various	0,02	0,01	Solvent extraction and GC-MS analysis	B	
	1,2-Dichlorobenzene	95-50-1				B	
	1,3-Dichlorobenzene	541-73-1				B	
	1,4-Dichlorobenzene	106-46-7				B	
	Trichlorobenzenes	various				B	
	1,2,3-Trichlorobenzene	87-61-6				B	
	1,2,4-trichlorobenzene	120-82-1				B	
	1,3,5-Trichlorobenzene	108-70-3				B	
	Tetrachlorobenzene	12408-10-5				B	
	1,2,3,4-tetrachlorobenzene	634-66-2				B	
	1,2,3,5-tetrachlorobenzene	634-90-2				B	
	1,2,4,5-tetrachlorobenzene	95-94-3				B	
	Pentachlorobenzene	608-93-5				B	
	Hexachlorobenzene #	118-74-1				B	

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			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / Output: Waste Water Sludge (mg/kg)			
CHLORO-TOLUENES (solvents and biocides. Production dyes. Chemical Intermediates. Antifelting)							
	2-chlorotoluene	95-49-8			declaration of non-use Solvent extraction and GC-MS analysis	B	
	3-chlorotoluene	108-41-8				B	
	4-chlorotoluene	106-43-4				B	
	2,3-dichlorotoluene	32768-54-0				B	
	2,4-dichlorotoluene	95-73-8				B	
	2,5-dichlorotoluene	19398-61-9				B	
	2,7-dichlorotoluene	118-69-4				PO	
	3,4-dichlorotoluene	95-75-0				B	
	2,3,6-trichlorotoluene	2077-46-5				B	
	2,4,5-trichlorotoluene	6639-30-1				B	
	Benzo-trichloride	98-07-7				PO	
	alfa, 2,4-trichlorotoluene	94-99-5				PO	
	alfa,2,6-trichlorotoluene	2014-83-7				PO	
	alfa,3,4-trichlorotoluene	102-47-6				PO	
	alpha, alpha, 2,6-tetrachlorotoluene	81-19-6				PO	
	alpha, alpha, alpha, 2,-tetrachlorotoluene	2136-89-2				PO	
	alpha, alpha, alpha, 4-tetrachlorotoluene	5216-25-1				PO	
	2,3,4,5,6-pentachlorotoluene	877-11-2				PO	
8. Chlorinated solvents							
	Dichloromethane	75-09-2				1 0,3 Solvent extraction and GC-MS analysis	B
	Chloroform	67-66-3			B		
	Tetrachloromethane	56-23-5			B		
	1,1,2-Trichloroethane	79-00-5			B		
	1,1-Dichloroethane	75-34-3			B		
	1,2-Dichloroethane	107-06-2			B		
	Trichloroethylene	79-01-6			B		
	Perchloroethylene	127-18-4			B		
	1,1,1-trichloroethane	71-55-6			B		
	1,1,1,2-Tetrachloroethane	630-20-6			B		
	1,1,2,2-Tetrachloroethane	79-34-5			B		
	Pentachloroethane	76-01-7			B		
	1,1-Dichloroethylene	75-35-4			B		
OTHER VOCs							
	Methyl-ethyl ketone	78-93-3		0,1 ppm	Solvent extraction and GC-MS analysis		PO
	Benzene	71-43-2		0,1 ppm		PO	
	Toluene	108-88-3		0,1 ppm		PO	
	Ethylbenzene	100-41-4		0,1 ppm		PO	
	Xylene	1330-20-7		0,1 ppm		PO	
	Styrene	100-42-5		0,1 ppm		PO	
	Cyclohexanone	108-94-1		2,0 ppm		PO	
	2-ethoxyethylacetate	111-15-9		10,0 ppm		PO	
	1,2,3-trichloropropane	96-18-4		10,0 ppm		PO	
	Acetophenone	98-86-2		0,1 ppm		PO	
	Naphtalene	91-20-3		0,1 ppm		PO	
	N,N-dimethylformamide	68-12-2		0,1 ppm		PO	
	1-methyl-2-pyrrolidone	872-50-4		50,0 ppm		PO	
	2-phenyl-2-propanole	617-94-7		0,1 ppm		PO	
	Bis-(2-methoxyethyl) ether	111-96-6		20,0 ppm		PO	
	N,N-dimethylacetamide	127-19-5		20,0 ppm		PO	
9. Chloro phenols							
	Pentachlorophenols (PCP) #	87-86-5			0,5 0,025 Determination of Pentachlorophenol content - Test Method: UNI EN ISO 17070: 2007 Operating Conditions - Detection by GC-MS analysis	B	
	Tetrachlorophenols (TeCP)	25167-83-3				B	
	2,3,4,5-Tetrachlorophenol	4901-51-3				B	
	2,3,4,6-Tetrachlorophenol	58-90-2				B	
	2,3,5,6-tetrachlorophenol	935-95-5				B	
	Trichlorophenol (TriCP)	25167-82-2				B	
	2,4,6-trichlorophenol	88-06-2				B	
	2,3,4-trichlorophenol	15950-66-0				B	
	2,3,5-trichlorophenol	933-78-8				B	
	2,3,6-trichlorophenol	933-75-5				B	
	2,4,5-trichlorophenol	95-95-4				B	
	3,4,5-trichlorophenol	609-19-8				B	
	Dichlorophenols (DiCP)	25167-81-1				B	
	2,3-dichlorophenol	576-24-9				B	
	2,4-dichlorophenol	120-83-2				B	
	2,5-dichlorophenol	583-78-8				B	
	3, 4-dichlorophenol	95-77-2				B	
	3, 5-dichlorophenol	591-35-5				B	
	Mono Chlorophenol	various				B	

BERBRAND S.R.L. UNIPERSONALE

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Detox - Combined M-RSL Analysis

Verison: V1.0

29 August 2014

A. LIST OF THE RESTRICTED SUBSTANCES (11 CHEMICAL SUBSTANCES LISTED AS DANGEROUS BY GREENPEACE)						
Detox Required Action Level Banned Sept. 14 Phase-Out: 15-16	Substance	CAS-nr.	Detection Limit		Test Method	BerBrand Status
			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / Output: Waste Water Sludge (mg/kg)		
10. SCCP						
	Alkanes, C10-13, chloro - SCCP <i>C₁₀₋₁₃</i>	85535-84-8	0,4	0,03	Amount of extracted SCCP (C10-C13)	B
11. Heavy metals						
	Total Cadmium(Cd)	7440-43-9	0,1	1	Chemical determination of metal content - Part 2: Total metal content	B
	Total Lead(Pb)	7439-92-1	1	1		B
	Total Mercury(Hg)	7439-97-6	0,05	0,006		B
	Total Arsenic(As)	7440-38-2	1	1		B
	Total Hexavalent Chromium(Cr-VI)	18540-29-9		1	Determination of Chromium (VI) content - Test Method: UNI EN ISO 17075: 2008 Operating Conditions - Determination by UV-VIS spectrophotometer - Result reported on the basis of Dry Matter	B
	Total Chromium(Cr)	7440-47-3	1	1		PO
	Total Nickel(Ni)	7440-02-0	1	1		PO
	Total Copper(Cu)	7440-50-8	1	1		PO
	Total Zinc(Zn)	7440-66-6	1	4		PO
	Total Manganese(Mn)	7439-96-5	1	1		PO
	Total Antimony (Sb)	7440-36-0	1	1		PO
	Total Cobalt (Co) (Extractable heavy-metals by artificial acidic sweat)	7440-48-4		≤ 4 ppm (≤ 1 ppm for children)		PO
	OTHERS					
	Cyanide	-	4	-		PO
	Formaldehyde (gas)	50-00-0		declaration of non-use, unless authorized in writing in special cases, with child limit ≤ 16 ppm, Adult <75 ppm		PO

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			Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Products / Output: Waste Water Sludge (mg/kg)		
BIOCIDES						
	Aldrin	309-00-2				B
	Captafol	01/06/2425				B
	Chlordane	57-74-9				B
	DDT	50-29-3				B
	o,p'-DDT	789-02-6				B
	Dieldrin	60-57-1				B
	Endrin	72-20-8				B
	Heptachlor	76-44-8				B
	Hexachlorobenzene #	118-74-1				B
	α-Hexachlorocyclohexane	319-84-6				B
	β-Hexachlorocyclohexane	319-85-7				B
	δ-Hexachlorocyclohexane	319-86-8				B
	2,4,5- T	93-76-5				B
	2,4-D	94-75-7				B
	chlordimeform	6164-98-3				B
	Ethyl-4,4'-dichlorobenzilate	510-15-6				B
	Dinoseb	88-85-7				B
	monocrotophos	6923-22-4				B
	Pentachlorophenol #	87-86-5				B
	Toxaphene	8001-35-2				B
	methamidophos	10265-92-6				B
	methyl parathion	298-00-0				B
	parathion	56-38-2				B
	phosphamidon	13171-21-6				B
	lindane	58-89-9				B
	DDD	53-19-0				B
	DDD (Dichlorodiphenyl-dichloroethane)	72-54-8				B
	diazinon	333-41-5				B
	propetanfos	31218-83-4				B
	chlorfenvinphos	470-90-6				B
	dichlorofention	97-17-6				B
	clorpyrofos	5598-15-2				B
	fenchlorphos	299-84-3				B
	diflubenzurone	35367-38-5				B
	triflumurone	64628-44-0				B
	cypermethrin	52315-07-8				B
	deltamethrin	52918-63-5				B
	fenvalerate	51630-58-1				B
	cyhalothrin	91465-08-6				B
	flumethrin	69770-45-2				B
	Azinophosmethyl	86-50-0				B
	Azinophosethyl	2642-71-9				B
	Bromophos-ethyl	4824-78-6				B
	Carbaryl	63-25-2				B
	Coumaphos	56-72-4				B
	Cyfluthrin	68359-37-5				B
	DEF	78-48-8				B
	DDE	3424-82-6 72-55-9				B
	Dichlorprop	120-36-2				B
	Dicrotophos	141-66-2				B
	Dimethoate	60-51-5				B
	Endosulfan, α-	959-98-8				B
	Endosulfan, β-	33213-65-9				B
	Esfenvalerate	66230-04-4				B
	Heptachloroepoxide	1024-57-3				B
	Isodrine	465-73-6				B
	Kelevane	4234-79-1				B
	Kepone	143-50-0				B
	Malathion	121-75-5				B
	MCPA	94-74-6				B
	MCPB	94-81-5				B
	Mecoprop	93-65-2				B
	Mirex	2385-85-5				B
	Methoxychlor	72-43-5				B
	Perthane	72-56-0				B
	Phosdrin/Mevinphos	7786-34-7				B
	Profenophos	41198-08-7				B
	Quinalphos	13593-03-8				B
	Strobane	8001-50-1				B
	Telodrine	297-78-9				B
	Trifluralin	1582-09-8				B

declaration of
non-use /
<1ppm

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ORTHO-PHENYLPHENOL						
	<i>o</i> -Phenylphenol (OPP)	90-43-7		adult limit <100ppm		PO
NITROSAMINES						
	N-Nitrosodimethylamine (NDMA)	62-75-9		Lower than the detection limit of the method		PO
	N-Nitrosodiethylamine (NDEA)	55-18-5			PO	
	N-Nitrosodi- <i>n</i> -propylamine (NDPA)	621-64-7			PO	
	N-Nitrosodi- <i>n</i> -butylamine (NDBA)	924-16-3			PO	
	N-Nitrosopiperidine (NPIP)	100-75-4			PO	
	N-Nitrosopyrrolidine (NPYR)	930-55-2			PO	
	N-Nitrosomorpholine (NMOR)	59-89-2			PO	
	N-nitroso N-methyl N-phenylamine (NMPhA)	614-00-6			PO	
	N-nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6			PO	
POLYAROMATIC HYDROCARBONS						
	Benzo-[a]-pyrene (BaP)	50-32-8			declaration of non-use	
	Benzo-[e]-pyrene (BeP)	192-97-2		B		
	Benzo-[a]-anthracene (BaA)	56-55-3		B		
	Chrysene (CHR)	218-01-9		B		
	Benzo-[b]-fluoranthene (BbFA)	205-99-2		B		
	Benzo-[j]-fluoranthene (BjFA)	205-82-3		B		
	Benzo-[k]-fluoranthene (BkFA)	207-08-9		B		
	Dibenzo-[a,h]-anthracene (DBAhA)	53-70-3		B		
BIOCIDES – ANTI-MOULD						
	Dimethyl fumarate (DMF)	624-49-7		declaration of non-use		B
	N,N-Dimethyl formamide (DMF(A))	68-12-2				B