LIST OF RESTRICTED SUBSTANCES

Grendene®

MONITORING AND CONTROL OF RESTRICTED SUBSTANCES

GRENDENE is committed to operating its business in a sustainable manner to protect the consumer, the worker, and its brands. In addition to increasing product quality and safety, and reducing environmental impacts.

All GRENDENE suppliers are required to understand, agree to, comply with and certify that the direct materials provided to GRENDENE meet the prohibitions and limitations described in the List of Restricted Substances — LSR presented.

The substances and limits mentioned in the LSR are based on the legal restrictions (normative and legislative) and of existing customers in the countries where GRENDENE operates, and it is worth clarifying that the concentrations mentioned in the LRS refer to the limit of each substance in percentage (mass/mass) within the footwear, accessories and/or unitary (individual) packaging of the final product of Grendene.

GRENDENE also prohibits the intentional use of these chemicals during the manufacture of the raw material, and establishes impurity limits for such substances in chemical formulations supplied to it.

GRENDENE remains committed to periodically updating the LSR, as well as conducting life cycle assessments to assess the environmental impact or risks of new materials, technologies and products before their use.

LIST OF RESTRICTED SUBSTANCE

GRENDENE created the List of Restricted Substances (LSR) to guide its suppliers as to the inputs with some restrictions in the composition of the products and, thus, increase the quality, safety of the product and reduce the environmental impacts of the manufactured products.

LSR is based on the most stringent national and international standards for such compounds. And so it aims to ensure the absence of risks for the final consumer of Grendene products.

LSR updates will always be available on the Suppliers Portal de Fornecedores da Grendene S.A. and it is the supplier's responsibility to always consult the pertinence of the same and work with the latest version available.

The risk matrix shown in the following table highlights the probability of those restricted substances to be found in different materials and is presented as a guidance tool:

- 1: indicates that a chemical has been widely detected in a given material.
- 2: indicates that a chemical has occasionally been detected in a specific material.
- 3: indicates that there is a very low chance that a chemical substance can be detected.
- Blank: indicates that there is an almost insignificant risk that a chemical will be detected.

RISK MATRIX

Category	Where restricted materials can be found	Categories and probability of where restricted materials are used										
		Natural fibers	Mixed fibers	Synthetic fibers	Artificial leather (synthetic)	Natural leather	Coatings and prints	Natural materials	Polymers, natural rubber, synthetic rubber.	Metals	Feathers	Glues
Acetophenone and 2- Phenyl-2-Propanol	In EVA foam when using dicumyl peroxide as a crosslinking agent.								2			
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers	APEO can be found in cleaning agents, weaving oils, wetting agents, softeners, emulsifying/dispersing agents for dyes and prints, impregnating agents, in silk production, pigment preparations, polyester padding. APs are used as intermediates in the manufacture of APEOs and antioxidants used to protect or stabilize polymers.	1	1	1	1	1	1	1	1		3	1
Azo-amines	Azo dyes and pigments are dyes that incorporate one or more azo groups (-N = N-) linked to aromatic compounds. Azo dyes that release amines when degraded should no longer be used to dye fabrics.	1	1	1	1	1	1	1			1	
Bisphenol-A	Used in the production of epoxy resins, polycarbonate plastics and flame retardants.								3			
Chlorinated Paraffins, SCCP (C10-C13) and MCCP (C14-C17)	They can be used as fabric softeners, flame retardants or in the production of leather; also as a plasticizer in the production of polymers.	3	3	3	3	1	3		2			

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		Natural fibers	Mixed fibers	Synthetic fibers	Artificial leather (synthetic)	Natural leather	Coatings and prints	Natural materials	Polymers, natural rubber, synthetic rubber.	Metals	Feathers	Glues
Chlorophenols (Tri-, Tetra-, and Pentachlorophenols)	Chlorophenols are polycloned compounds used as conservatives or pesticides. Pentachlorophenol (PCP) and tetrachlorophenol (TeCP) are sometimes used to prevent mold and kill insects in the cultivation and transport of cotton and other fabrics. PCP and TeCP can also be used as preservatives in printing supplies.	3	3		3	3	3				3	
Chlororganic Carriers	They can be used as carriers in the process of dyeing polyester or Id / polyester fibers. They can also be used as solvents.		2	2			3					
Dimethylformamide (DMFa)	DMFa is a solvent that can be used in plastics, rubber and polyurethane (PU) coating.				2		2					
Dimethylfumarate (DMFu)	DMFu is an anti-mold agent used in sachets in packaging to prevent the accumulation of mold.	3	3	3	3	3	3		3			
Dyes, Forbidden and Disperse	The dispersed dyes are used in synthetic fibers (for example, polyester, acetate, polyamide).		2	2	2		2					
Dyes, Navy blue	Navy blue dyes are prohibited from being used to dye textiles.		3	3	3		3					
Flame Retardants	Flame retardant chemicals, including the entire class of organohalogenic flame retardants, should no longer be used.	3	3	3	3	3	3	3	3	3	3	3
Fluorinated Greenhouse Gases												
Formaldehyde	It is also used in polymeric resins. Wood composites (such as particle board and plywood) must comply with current US and California formaldehyde emission requirements (40 CFR 770).	1	1	1	1	1	1	1	1	1	1	1
Heavy Metals, Antimony	They are found or used as a catalyst in the polymerization of polyester, flame retardants, fixing agents, pigments and alloys.						3			3		
Heavy Metals, Arsenic	Arsenic and its compounds are used in preservatives, pesticides and defoliants for cotton, synthetic fibers, paints, linings and plastics.				3		3		3	2		
Heavy Metals, Barium	Barium and its compounds can be used in pigments for paints, plastics and surface coatings, as well as in dyes, mordants, plastic fillers, textile finishes and leather tanning.				2	2	2		2	2		
Heavy Metals, Chromium (Cr)	Used as dyeing additives; coloring fixing agents; dyes for wool, silk and polyamide (especially dark tones); and leather tanning.	3				1	2			2		

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	found	Natural fibers	Mixed fibers	Synthetic fibers	Artificial leather (synthetic)	Natural leather	Coatings and prints	Natural materials	Polymers, natural rubber, synthetic rubber.	Metals	Feathers	Glues
Heavy Metals, Chromium VI	Chrome VI used in leather tanning and wool dyeing	3				1						
Heavy Metals, Nickel Release	Nickel and its compounds can be used to coat alloys and improve the corrosion resistance and hardness of the alloys. They can also occur as impurities in pigments and alloys.						3		3	1		
Heavy Metals, Cadmium Total	Cadmium compounds are used as pigments (especially in red, orange, yellow and green); as a stabilizer for PVC; and in fertilizers, biocides and paints.				3		3		3	3		
Heavy Metals, Lead Total	It may be associated with plastics, paints, pigments and surface coatings.				3		3		3	1		
Heavy Metals, cobalt	Cobalt and its compounds can be used in alloys, pigments, dyes and in the production of plastic.				3		3		3	1		
Heavy Metals, copper	Copper and its compounds can be found in alloys and pigments, and in textiles as an antimicrobial agent.	3		3			3		3	1		
Heavy Metals, Mercury (Hg)	They can be present in pesticides and as contaminants in caustic soda (NaOH). They can also be used in paints.	3		3			3		3	3		
Heavy Metals, Selenium	It can be found in synthetic fibers, paints, plastics and metals.		3	3			3		3	1		
N-Nitrosamines	It can be formed as a by-product in rubber production.								2			
Organotin Compounds	Organotins can be found in paints, biocides, catalysts in the production of plastics and glue and stabilizers for plastics/rubber, metallic glitter, polyurethane products and heat transfer material.	3	3	3	3	3	3		3			3
Ortho-phenylphenol (OPP)	They can be used as preservatives in leather or as a carrier in dyeing processes.	2	2	2	2	2	2					
Ozone-depleting Substances	The ozone-depleting substances have been used as foaming agents in polyurethane foams, as well as in dry cleaning agents. They are prohibited from using.	3	3	3	3	3	3	3	3	3	3	3
Perfluorinated and Polyfluorinated Chemicals (PFCs)	They can be present as by-products in commercial water and oil repellent agents. PFOA can also be used in polymers such as polytetrafluoroethylene (PTFE).	2	2	2	2	2	2	2	2	2	2	2
Pesticides, Agricultural	It can be found in natural fibers, mainly in cotton.	3	3		3							
Phthalates	Phthalates can be found in flexible plastic components; printing folders; polymeric adhesives or coatings.			1		1			1			1

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		Natural fibers	Mixed fibers	Synthetic fibers	Artificial leather (synthetic)	Natural leather	Coatings and prints	Natural materials	Polymers, natural rubber, synthetic rubber.	Metals	Feathers	Glues
Polycyclic Aromatic Hydrocarbons (PAHs)	Oil residues containing PAHs are added to rubber and plastics as softeners or extenders and can be found in rubbers, plastics, lacquers and coatings. PAHs can be present as impurities in carbon black.				1		1		1			1
Volatile Organic Compounds (VOCSs)	They should not be used in textile preparations. They are also associated with solvent-based processes, such as solvent-based polyurethane coatings and glues / adhesives.	2	2	2	2	2	2		2			2
Others												

LIST OF RESTRICTED SUBSTANCES (LSR) GRENDENE

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Category	Item	CAS No.	Maximum permitted concentration (ppm)
Volatile Organic Compounds (VOCs)	1, 1, 1,2-Tetrachloroethane	630-20-6	1000
	1, 1, 2- Trichloroethane	79-00-5	1000
	1, 1, 2, 2-Tetrachloroethane	79-34-5	1000
	Cyclohexane	110-82-7	1000
	Cyclohexanone	108-94-1	1000
	Dichloromethane	75-09-2	1000
	1,2-Dichloroethane and isomers	107-06-2 Multiple	1000
	Carbon disulfide	75-15-0	1000
	Carbon Tetrachloride	56-23-5	1000
	Benzene	71-43-2	5
	Chloroform	67-66-3	1000
	1,1-Dichloroethylene	75-35-4	1000
	Ethylbenzene	100-41-4	1000
	N, N-Dimethylacetamide	127-19-5	1000
	Tetrachloroethylene (PERC)	127-18-4	1000
	Metilclorofórmio	71-55-6	1000
	Pentachloroethane	76-01-7	1000
	Toluene	108-88-3	1000
	Trichloroethylene	79-01-6	1000
	Xylene	95-47-6 108-38-3 106-42-3 1330-20-7	1000
Chlororganic Carriers	1,2-Dichlorobenzene	95-50-1	10
	1, 2, 3,4-Tetrachlorobenzene	634-66-2	1
	1, 2, 3,5-Tetrachlorobenzene	634-90-2	1
	1, 2,3-Trichlorobenzene	87-61-6	1
	1, 2, 4,5-Tetrachlorobenzene	95-94-3	1
	1, 2,4-Trichlorobenzene	120-82-1	1
	1, 3,5-Trichlorobenzene	108-70-3	1
	1,3-Dichlorobenzene	541-73-1	1
	1,4-Dichlorobenzene	106-46-7	1
	2, 3, 4,5-Tetrachlorotoluene	76057-12-0	1
	2, 3, 4,6-Tetrachlorotoluene	875-40-1	1
	2, 3, 5,6-Tetrachlorotoluene	1006-31-1	1
	2, 3,6-Trichlorotoluene	2077-46-5	1
	2,3-Dichlorotoluene	32768-54-0	1
	2, 4,5-Trichlorotoluene	6639-30-1	1
	2,4-Dichlorotoluene	95-73-8	1
	2,5-Dichlorotoluene	19398-61-9	1
	2,6-Dichlorotoluene	118-69-4	1
	2-Chlorotoluene	95-49-8	1
	3,4-Dichlorotoluene	95-75-0	1
	3-Chlorotoluene	108-41-8	1
	4-Chlorotoluene	106-43-4	1
	Hexachlorobenzene	118-74-1	1
	Pentachlorobenzene	608-93-5	1
	Pentachlorotoluene	877-11-2	1
	Hexachloroethane (plasticizer)	67-72-1	1
Organotin (organostannic) compounds	Dibutyltin (DBT)	Multiple	1
	Dioctyltin (DOT)	Multiple	1
	Monobutyltin (MBT)	Multiple	1
	Tricyclohexyltin (TCyHT)	Multiple	1
	Trimethyltin (TMT)	Multiple	1

	Trioctyltin (TOT)	Multiple	1

Category	Item	CAS No.	Maximum permitted concentration (ppm)
	Trioctyltin (TOT)	Multiple	1
	Tripropyltin (TPT)	Multiple	1
	Tributyltin (TBT)	56573-85-4 Multiple	0.5
	Triphenyltin (TPhT)	Multiple	0.5
Polycyclic Aromatic Hydrocarbons (PAHs)	2,2',3,3',4,5',6 heptabromodiphenyl ether	446255-22-7	10
	2,2',3,4,4',5',6-heptabromodiphenyl ether	207122-16-5	10
	2,2',4,4',5,5'-hexabromodiphenyl ether	68631-49-2	10
	2,2',4,4',5,6'-hexabromodiphenyl ether	207122-15-4	10
	Acenaphthene	83-32-9	10
	Acenaphthylene	208-96-8	10
	Anthracene	120-12-7	10
	Fluorene	86-73-7	10
	Fluoranthene	206-44-0	10
	Indeno [1, 2,3-cd] pyrene	193-39-5	10
	Naphthalene	91-20-3	10
	Pyrene	129-00-0	10
	Phenanthrene	85-01-8	10
	Benzo (a) anthracene	56-55-3	1 ppm each Child care articles: 0.5 ppm each
	Benzo (a) pyrene	50-32-8	1 ppm each Child care articles: 0.5 ppm each
	Benzo(b) fluoranthene	205-99-2	1 ppm each Child care articles: 0.5 ppm each
	Benzo [e] pyrene	192-97-2	1 ppm each Child care articles: 0.5 ppm each
	Benzo(j) fluoranthene	205-82-3	1 ppm each Child care articles: 0.5 ppm each
	Benzo(k) fluoranthene	207-08-9	1 ppm each Child care articles: 0.5 ppm each
	Benzo (g, h, i) perylene	191-24-2	1 ppm each Child care articles: 0.5 ppm each
	Chrysene	218-01-9	1 ppm each Child care articles: 0.5 ppm each
	Dibenzo (a, h) anthracene.	53-70-3	1 ppm each Child care articles: 0.5 ppm each
Flame Retardants	Decabromodiphenyl ether (DecaBDE)	1163-19-5	10
	Pentabromodiphenyl Ether	32534-81-9	10
	Octa-bromodiphenyl ether	32536-52-0	10
	All other Polybrominated diphenyl ethers (PBDEs)	Multiple	10
	Polybromobiphenyls, Polybrominatedbiphenyls (PBB).	59536-65-1 Multiple	10
	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) (flame retardants, pesticides, plasticizers)	13674-87-8	10
	(Tris (1-aziridinyl) phosphine oxide) (TEPA)	545-55-1	10
	Tris (2,3-dibromopropyl) phosphate	126-72-7	10
	Tris(2-chloroethyl) phosphate (flame retardant, plasticizer, and viscosity regulator in various types of polymers)	115-96-8	10
	Trixylyl phosphate	25155-23-1	10
	Tetrabromobisphenol A	79-94-7	10
	2,2-Bis (bromomethyl)-1,3-propanediol	3296-90-0	10
	Bis (2,3-dibromopropyl) phosphate	5412-25-9	10
	Hexabromocyclododecane	3194-55-6	10
Chlorophenols (Tri-, Tetra-, and Pentachlorophenols)	2, 3, 4,5-Tetrachlorophenol (TeCP)	4901-51-3 25167-83-3	0.5
	2, 3, 4,6-Tetrachlorophenol (TeCP)	58-90-2	0.5
	2, 3,4-Trichlorophenol	15950-66-0	0.5
	2, 3, 5,6-Tetrachlorophenol (TeCP)	935-95-5	0.5
	2, 3,5-Trichlorophenol	933-78-8	0.5
	2, 3,6-Trichlorophenol	933-75-5	0.5
	2, 4,5-Trichlorophenol	95-95-4	0.5
	2, 4,6-Trichlorophenol	88-06-2	0.5

Category	Item	CAS No.	Maximum permitted concentration (ppm)
	3, 4,5-Trichlorophenol	609-19-8	0.5
	Pentachlorophenol (PCP)	87-86-5	0.5
N-Nitrosamines	N-nitrosodibutylamine	924-16-3	0.5
	N-nitrosodiethylamine	55-18-5	0.5
	N-nitrosodimethylamine	62-75-9	0.5
	N-nitrosodipropyla mine	621-64-7	0.5
	N-nitroso-ethyl-N - phenyla mine	612-64-6	0.5
	N-nitroso-methyl-N-phenylamine	614-00-6	0.5
	N-nitrosomorpholine	59-89-2	0.5
	N-nitrosopiperidine	100-75-4	0.5
	N-nitrosopyrrolidine	930-55-2	0.5
Azo-amines	2, 4,5-Trimethylaniline	137-17-7	20
	2,4-Diaminoanisole	615-05-4	20
	2,4-Diaminotoluene	95-80-7	20
	2,4-Xylidine	95-68-1	20
	2,6-Xylidine	87-62-7	20
	3,3'- dimethylbenzidine	119-93-7	20
	3,3' - dicloro-benzidina	91-94-1	20
	3,3'-Dimethoxybenzidine	119-90-4	20
	p-Cresidine	120-71-8	20
	4,4'- oxydianiline	101-80-4	20
	4,4'- thiodianiline	139-65-1	20
	4,4'-Methylene bis (2-methylaniline)	838-88-0	20
	4-Aminobiphenyl	92-67-1	20
	p-Chloroaniline	106-47-8	20
	4-Chloro-o-toluidine	95-69-2	20
	2-Naphthylamine	91-59-8 Multiple	20
	2-Amino-4-nitrotoluene	99-55-8	20
	Aniline Yellow (4-amino azobenzene)	60-09-3	20
	Benzidine	92-87-5	20
	o-Aminoazotoluene	97-56-3	20
	2,4-Diaminoanisole	615-05-4	20
	o-Anisidine	90-04-0	20
	o-Toluidine	95-53-4	20
	MDA (4,4' - metileno dianilina)	101-77-9	20
	MOCA (4,4'- methylene bis -(2-chloroaniline))	101-14-4	20
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers	Nonylphenol (mixed isomers)	104-40-5 11066-49-2 25154-52-3 84852-15-3 25154-52 3104-40-5 84852-15-3 11066-49-2 Multiple	100
	Nonylphenol ethoxylates	9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0 Multiple	100
	Octylphenol	140-66-9 1806-26-4 27193-28-8 Multiple	100
	Octylphenol ethoxylates	9002-93-1 9036-19-5 68987-90-6 Multiple	100
	Isononylphenol, ethoxylated	37205-87-1	100
	Tergitol (4-Nonylphenol, branched, ethoxylated).	127087-87-0	100
Heavy Metais	Cadmium in any form	7440-43-9	Extractable: 0.1 ppm Total: 40 ppm

Category	Item	CAS No.	Maximum permitted concentration (ppm)
	Chromium in any form	7440-47-3	Extractable for textiles: 2 ppm Leather footwear for babies: 60 ppm
	Chromium VI +	18540-29-9	Extractable: Leather: 3 ppm Knitted textiles for babies: 0.5 ppm
	Cobalt (Co) in any form	7440-48-4	Extractable: Adults: 4 ppm Children and babies: 1 ppm
	Copper in any form	7440-50-8	Extractable: Adults: 50 ppm Children and babies: 25 ppm
	Barium in any form	7440-39-3	Extractable: 1000 ppm
	Antimony (Sb) in any form	7440-36-0	Extractable: 30 ppm
	Arsenic in any form	7440-38-2	Extractable: 0.2 ppm Total: 100 ppm
	Mercury in any form	7439-97-6 Multiple	Extractable: 0.02 ppm Total: 0.5 ppm
	Nickel in any form	7440-02-0	Extractable: 1 ppm Release (metal parts): Prolonged skin contact: 0.5 µg/cm²/week Pierced part: 0.2 µg /cm²/week
	Lead in any form	7439-92-1	Extractable: Adults and children: 1 ppm Babies: 0.2 ppm Total: 90 ppm
	Selenium in any form	7782-49-2	Extractable: 500 ppm
Dyes, Forbidden and Disperse	Basic Blue 26	2580-56-5	50
	Basic Green 4	569-64-2 2437-29-8 10309-95-2	50
	Basic Red 9	569-61-9	50
	Basic Violet 14	632-99-5	50
	Basic Violet 3	548-62-9	50
	Direct Black 38	1937-37-7	50
	Direct Blue 6	2602-46-2	50
	Direct Brown 95	16071-86-6	50
	Direct Red 28	573-58-0	50
	Acid Red 26	3761-53-3	50
	Disperse Yellow 39	12236-29-2	50
	Disperse Yellow 49	54824-37-2	50
	Disperse Yellow 56	54077-16-6	50
	Methyl yellow (4-Dimethylaminoazobenzene)	60-11-7	50
	Solvent Blue 4 (dye)	6786-83-0	50
	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1	50
	Disperse Blue 1	2475-45-8	50
	Disperse Blue 102	12222-97-8	50
	Disperse Blue 106	12223-01-7	50
	Disperse Blue 124	61951-51-7	50
	Disperse Blue 26	3860-63-7	50
	Disperse Blue 3	2475-46-9	50
	Disperse Blue 7	3179-90-6	50
	Disperse Brown 1	23355-64-8	50
	Disperse Orange 1	2581-69-3	50
	Disperse Orange 11	82-28-0	50
	Disperse Orange 149	85136-74-9	50
	Disperse Orange 3	730-40-5	50
	Disperse Orange 37	12223-33-5	50
	Disperse Orange 59	51811-42-8	50
	Disperse Orange 76	13301-61-6	50
	Disperse Red 1	2872-52-8	50
	Disperse Red 11	2872-48-2	50
	Disperse Red 151	61968-47-6	50
	Disperse Red 17	3179-89-3	50

Category	Item	CAS No.	Maximum permitted concentration (ppm)
Dyes, Forbidden and Disperse	Disperse Yellow 1	119-15-3	50
	Disperse Yellow 23	6250-23-3	50
	Disperse Yellow 3	2832-40-8	50
	Disperse Yellow 7	6300-37-4	50
	Disperse Yellow 9	6373-73-5	50
	C.I. Disperse Blue 35A	56524-77-7	50
	C.I. Disperse Blue 35B	56524-76-6	50
	4-Nitrobiphenyl	92-93-3	100
Dyes, Navy blue	Blue Colorant: C39H23ClCrN7O12S.2Na	118685-33-9	20
	Blue Colorant: C46H30CrN10020S2.3Na	Not allocated	20
*** Phthalates**	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000
	Diethyl phthalate	84-66-2	1000
	Diisobutyl phthalate (DIBP)	84-69-5	1000
	Di-isodecyl phthalate (DIDP)	68515-49-1 26761-40-0	1000
	Diisononyl phthalate (DINP)	28553-12-0	1000
	Dimethyl phthalate (DMP)	131-11-3	1000
	Di-n-hexyl phthalate (DnHP)	84-75-3	1000
	Di-n-octyl phthalate (DNOP)	117-84-0	1000
	Dipentyl phthalate (DPENP)	131-18-0	1000
	Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	1000
	Butylbenzylphthalate (BBP)	85-68-7	1000
	Dibutyl phthalate (DBP)	84-74-2	1000
Orthophenylphenol (OPP)	o-Phenylphenol	90-43-7	1000
Perfluorinated and Polyfluorinated Chemicals (PFCs)	Perfluorooctane Sulfonate (PFOS) and related substances	Multiple	1 µg/m2
	Perfluorooctanoic Acid (PFOA) and related substances	Multiple	1 µg/m2
Dimethylfumarate (DMFu)	Dimethyl Fumarate	624-49-7	0.1
Acetophenone and 2-Phenyl-2-Propanol	2-Phenyl-2-propanole	617-94-7	50
	Acetophenone	98-86-2	50
Dimethylformamide (DMFa)	N,N-dimethylformamide (solvente)	68-12-2	500
Bisphenol-A	Bisphenol-A (BPA)	80-05-7	1
Chlorinated Paraffins (014-017)	Short-chain Chlorinated Paraffins (SCCPs) **(C10-013)**	85535-84-8	1000
	Medium-chain Chlorinated Paraffins (MCCPs)	85535-85-9	1000
Formaldehyde	Formaldehyde	50-00-0	Adults and children: 75 ppm Babies: 16 ppm
Pesticides, Agricultural	Polychlorinated terphenyls (PCTs)	Multiple	0.5
	2-(2,4,5-trichlorophenoxy) propionic acid, its salts and compounds; 2,4,5-TP	93-72-1	0.5
	2,4,5-T	93-76-5	0.5
	2,4-D	94-75-7	0.5
	Aldrine	309-00-2	0.5
	Azinophosmethy	86-50-0	0.5
	Azinophosethy	2642-71-9	0.5
	Bromophos-ethyl	4824-78-6	0.5
	Captafol	2425-06-1	0.5
	Carbaryl	63-25-2	0.5
	Chlorbenzilat	510-15-6	0.5
	Chlordane	57-74-9	0.5
	Chlordimeform	6164-98-3	0.5
	Chlorfenvinphos	470-90-6	0.5
	Chlorthalonil	1897-45-6	0.5
	Coumaphos	56-72-4	0.5
	Cyfluthrin	68359-37-5	0.5
	Cyhalothrin	91465-08-6	0.5

Category	Item	CAS No.	Maximum permitted concentration (ppm)
	Cypermethrin	52315—07—8	0.5
	S,S,S—Tributyl phosphorotrithioate (Tribufos)	78—48—8	0.5
	Deltamethrin	52918—63—5	0.5
	DDD	53—19—0	0.5
		72—54—8	0.5
	DDE	3424—82—6	0.5
		72—55—9	0.5
	DDT	50—29—5	0.5
		789—02—6	0.5
	Diazinone	333—41—5	0.5
	Dichlofluanide	1085—98—9	0.5
	Dichloroprop	120—36—5	0.5
	Dicofol	115—32—2	0.5
	Dicrotophos	141—66—2	0.5
	Dieldrine	60—57—1	0.5
	Dimethoate	60—51—5	0.5
	Dinoseb, its salts and acetate	88—85—7	0.5
	DTTB (4, 6-Dichloro-7 (2,4,5-trichlorophenoxy)-2-Trifluoro methyl benz imidazole)	63405—99—2	0.5
	Endosulfan	115—29—7	0.5
	Endosulfan I (alpha)	959—98—8	0.5
	Endosulfan II (beta)	33213—65—9	0.5
	Endrine	72—20—8	0.5
	Esfenvalerate	66230—OK—4	0.5
	Ethylendibromid	106—93—4	0.5
	Ethylparathione; Parathion	56—58—2	0.5
	Fenvalerate	51630—58—1	0.5
	Halopenated terphenols, including polychlorinated terphenyl (PCT)	Various	0.5
	Halopenated diarylalkanes	Various	0.5
	Halopenated diphenyl methanes, including Monomethyl—dibromo—diphenyl methane, Monomethyl—dichloro—diphenyl methane, and Monomethyl—tetrachloro—diphenyl methane	99688—47—8	0.5
		81161—70—8	0.5
		76255—60—6	0.5
	Heptachlor	76—44—8	0.5
	Heptachloroepoxide	1024—57—5	0.5
	a—Hexachlorocyclohexane with and without Lindane	319—84—6	0.5
	b—Hexachlorocyclohexane with and without Lindane	319—85—7	0.5
Pesticides, Agricultural	p—Hexachlorocyclohexane with and without Lindane	319-86-8	0.5
	Hexachlorobenzene	118—74—1	0.5
	Isodrine	465—73—6	0.5
	Kelevane	4234—79—1	0.5
	Kepone	143—50—0	0.5
	Lead hydrogen arsenate	7784—40—9	0.5
	Lindane	58—89—9	0.5
	Malathione	121—75—5	0.5
	NICPA	94—74—6	0.5
	NICPB	94—81—5	0.5
	Mecoprop	93—65—2	0.5
	Metamidophos	10265—92—6	0.5
	Methoxychlor	72—43—5	0.5
	Direx	2385—85—5	0.5
	Monocrotophos	6923—22—4	0.5
	Parathion—methyl	298—00—0	0.5
	Pentachloroanisole	1825—21—4	0.5
	Phosdrin/Mevinphos	7786—54—7	0.5
	Perthane	72—56—0	0.5
	Propethamphos	31218—83—4	0.5

Category	Item	CAS No.	Maximum permitted concentration (ppm)
	Profenophos	41198—08—7	0.5
	Quinalphos	13593—03—8	0.5
	Quintozene	82—68—8	0.5
	Strobane	8001—50—1	0.5
	Telodrine	297—78—9	0.5
	Toxaphene	8001—55—2	0.5
	Tolylfluanide	731—27—1	0.5
	Trifluraline	1582—09—8	0.5
Fluorinated Greenhouse Gases	Fluorinated Greenhouse Gases — acessar Regulation (EC) No for complete list	Multiple	0.1
Ozone-depleting Substances	Ozone—depleting Substances — acessar Regulation (EC) No 1005/2009 for complete list	Multiple	5
Others	Acrylamide	79—06—1	1000
	Ammonium polysulphide	9080—17—5	0
	Asbestos		0
	Diphenylether	101-84-8	1000
	Dibutyltin hydrogen borate	75113-37-0	1000
	manufacture of polyurethane)	101-68-8	1000
	cis—cyclohexane—1,2—dicarboxylic anhydride	13149-00-3	500

*** Phthalates:** the related phthalates must not be used as substances or components of preparations, in concentrations greater than 0.1% by weight (1000 ppm) of plasticized material, in any type of vinyl material. That is, the sum of the identified phthalates cannot exceed the limit of 1000 ppm.

Grendene®