

Limitations of chemicals list
Updated 2016-10-20

When producing garments chemicals are used in processes such as dyeing, printing and washing. At Lindex we work actively to limit the use of harmful chemicals in all of our products, both for the sake of the environment, employees and suppliers in the value chain as well as for our customers' health and safety.

It is important to us that our customers feel certain that our garments do not contain any hazardous residual products. We fulfill the requirements for REACH, and for several years our suppliers have been guided by Lindex own "Limitation of chemicals" list for chemicals that are not allowed in production because they present health or environmental hazards. Chemicals on the restriction list are not permitted for use in production or to be found in the finished product. The list is continuously updated to keep up with the applicable legislation in all of our sales markets and in the production countries. The strictest legislation applies in all markets.

Lindex actively participate in different networks to gather information and knowledge about chemical risks in order to reduce the negative effects of using chemicals in production and find replacements for dangerous, harmful and undesirable chemicals. Our suppliers undertake through written agreements to follow these restrictions, and several tests are performed during the production process to ensure that the requirements are complied with.

Chemical tests are carried out on a regular basis by independent laboratories at our request. Comprehensive risk and safety assessments are made on every product and regular testing is carried out. The order is cancelled if a product is rejected. No products that have been rejected in the chemical tests are available for sale.

Restricted substances

Chemical	Name or Acronym	CAS RN
Aliphatic organic solvents		
Alkylphenol ethoxylates, APEOs		
Including all NPEOs and OPEOs	NPEO	9016-45-9 (one example)
	OPEO	9002-93-1 (one example)
Antimony (Sb)		
Aromatic organic solvents		
Arsenic (As)		
Banned arylamines derived from azo dyes.		
Azo dyes that may release one or more of the listed aromatic amines are not permitted.		
4,4-Methylene-bis[2-chloro-aniline]		101-14-4
4,4-Methylenedianiline		101-77-9
4,4'-oxydianiline		101-80-4
4-chloroaniline		106-47-8
o-Dianisidine		119-90-4
4,4'-bi-o-toluidine		119-93-7
p-Cresidine		120-71-8
2,4,5-trimethylaniline		137-17-7
4,4'-thiodianiline		139-65-1
4-Aminoazobenzene		60-09-3
4-methoxy-m-phenylenediamine		615-05-4
4,4-Methylenedi-o-toluidine		838-88-0
2,6-xylidine		87-62-7
o-Anisidine		90-04-0
2-Naphthylamine		91-59-8
3,3-Dichlorobenzidine		91-94-1
Biphenyl-4-ylamine		92-67-1
Benzidine		92-87-5
o-Toluidine		95-53-4
2,4-xylidine		95-68-1
4-Chloro-o-toluidine		95-69-2
4-methyl-m-phenylenediamine		95-80-7
o-Aminoazotoluene		97-56-3
5-Nitro-o-toluidine		99-55-8
Barium (Ba)		
Benzotriazols	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320);	3846-71-7
	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327);	3864-99-1
	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328);	25973-55-1
	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350);	36437-37-3
Biocidal agents		
All antibacterial treatments on finished products are banned.		
Cadmium (Cd)	-	7440-43-9

Chemical	Name or Acronym	CAS RN
Carcinogenic dyes		
CMR - Carcinogenic, Mutagenic, Reproductive toxic dyestuffs		
C.I Direct Brown 95		16071-86-6
C.I. Direct Black 38		1937-37-7
C.I. Disperse Blue 1		2475-45-8
C.I. Direct Blue 6		2602-46-2
C.I. Acid Red 26		3761-53-3
C.I. Basic Red 9		569-61-9
C.I. Direct Red 28		573-58-0
C.I. Basic Violet 14		632-99-5
C.I. Disperse Orange 11		82-28-0
C.I. Disperse Orange 149		85136-74-9
C.I. Solvent Blue 4		6786-83-0
C.I. Basic Blue 26,		2580-56-5
C.I. Basic Violet 3		548-62-9
Michler's base		101-61-1
4,4'-bis(dimethylamino)-4''- (methylamino)trityl alcohol		561-41-1
Chlorinated organic solvents and chlorinated organic carriers		
Carbon tetrachloridetetrachloromethane		56-23-5
Chloroform		67-66-3
2-Chlorotoluene		95-49-8
3-Chlorotoluene		108-41-8
4-Chlorotoluene		106-43-4
1,2-Dichlorobenzene		95-50-1
1,2-Dichlorobenzene-D4		2199-69-1
1,3-Dichlorobenzene		541-73-1
1,4-Dichlorobenzene		106-46-7
1,1 Dichloroethylene		75-35-4
α,α -Dichlorotoluene		98-87-3
α,o -Dichlorotoluene		611-19-8
α,p -Dichlorotoluene		104-83-6
2,4-Dichlorotoluene		95-73-8
Hexachlorobenzene		118-74-1
Pentachlorobenzene		608-93-5
Pentachloroethane		76-01-7
Trichloroethylene		79-01-6
1,2,3,4-Tetrachlorobenzene		634-66-2
1,2,3,5-Tetrachlorobenzene		634-90-2
1,2,4,5-Tetrachlorobenzene		95-94-3
1,1,1,2-Tetrachloroethane		630-20-6
1,1,2,2-Tetrachloroethane		79-34-5
$\alpha,\alpha,2,6$ -Tetrachlorotoluene		81-19-6
1,2,4-Trichlorobenzene		120-82-1
1,3,5-Trichlorobenzene		108-70-3
1,1,1-Trichloroethane (Methyl chloroform)		71-55-6
1,1,2-Trichloroethane		79-00-5
1,2,3-Trichloropropane		96-18-4
α,α,α -Trichlorotoluene		98-07-7
$\alpha,2,6$ -Trichlorotoluene		2014-83-7
2,4,5-Trichlorotoluene		6639-30-1

Chemical	Name or Acronym	CAS RN
Chlorinated paraffins		
Short Chained Chlorinated Paraffins (C10-C13)	SCCP	85535-84-8
Medium Chained Chlorinated Paraffins (C14-C17)	MCCP	85535-85-9
Long Chained Chlorinated Paraffins (C18-)	LCCP	85535-86-0
Chlorinated phenols		
Pentachlorophenol	PCP	87-86-5, 131-52-2
All isomers of Tetrachlorophenol	TeCP	935-95-5
Chromium (Cr)		
Chromium VI (Cr+6)	-	18540-29-9
Dimethylfumarate	DMFu	624-49-7
Disperse dyes – allergenic, and Navy Blue (banned mordant)		
C.I. Disperse Yellow 1		119-15-3
C.I. Disperse Blue 35		12222-75-2
C.I. Disperse Blue 102		12222-97-8
C.I. Disperse Blue 106		12223-01-7
C.I. Disperse Yellow 39		12236-29-2
C.I. Disperse Orange 37/59/76		13301-61-6
C.I. Disperse Brown 1		23355-64-8
C.I. Disperse Blue 3		2475-46-9
C.I. Disperse Orange 1		2581-69-3
C.I. Disperse Yellow 3		2832-40-8
C.I. Disperse Red 11		2872-48-2
C.I. Disperse Red 1		2872-52-8
C.I. Disperse Red 17		3179-89-3
C.I. Disperse Blue 7		3179-90-6
C.I. Disperse Blue 26		3860-63-7
C.I. Disperse Yellow 49		54824-37-2
C.I. Disperse Blue 124		61951-51-7
C.I. Disperse Yellow 9		6373-73-5
C.I. Disperse Orange 3		730-40-5
Navy Blue		405-665-4 (EC #)
C.I Disperse Blue 1		2475-45-8
Ethylenethiourea	-	96-45-7
Flame retardants		
All flame retardant treatments on finished products are banned.		
Formaldehyde	-	50-00-0
Lead (Pb) and lead salts	-	7439-92-1
Mercury (Hg)	-	7439-97-6
Nickel (Ni)	-	7440-02-0

Chemical	Name or Acronym	CAS RN
Other organic solvents		
N,N-Dimethylacetamide	DMAC	127-19-5
N,N-Dimethylformamide	DMFa	68-12-2
Hexachlorobenzene	-	118-74-1
Hydrazine	-	302-01-2
N-Methylpyrrolidone	NMP	872-50-4
Per and polyfluorinated compounds		
All per and polyfluorinated compounds in water repellent finishes on finished products and in coatings and laminates etc. are banned.		
Perfluorooctan carboxylic acid (PFOA) and related substances		
	Several	
Perfluorooctane sulfonate (PFOS) and related substances.		
	Several	
Phthalate esters		
1,2-Benzenedicarboxylic acid, di-C7-11 -branched and linear alkyl esters, Phthalic acid, dialkyl (C7-C11) ester	DHNUP	68515-42-4
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and Linear;	-	68515-50-4
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear;	-	84777-06-0
Bis(2-methoxyethyl)phthalate	DMEP	117-82-8
Butylbenzyl phthalate;	BBP	85-68-7
Di(2-ethylhexyl)-phthalate;	DEHP	117-81-7
Dibutyl phthalate;	DBP	84-74-2
Dipentyl phthalate;	DPP	131-18-0
Dihexyl phthalate;	-	84-75-3
Di-n-octyl phthalate	DNOP	117-84-0
Diisobutyl phthalate	DiBP	84-69-5
Diisodecyl phthalate	DiDP	26761-40-0 & 68515-49-1
Diisoheptyl phthalate	DIHP	71888-89-6
Diisononyl phthalate;	DiNP	28553-12-0 & 68515-48-0
Diisopentyl phthalate;	DIPP	605-50-5
N-pentyl-isopentylphthalate;	-	776297-69-9
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters with $\geq 0.3\%$	-	68515-51-5, 68648-93-1

of dihexyl phthalate (84-75-3); 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS 84-75-3).		
---	--	--

Chemical	Name or Acronym	CAS RN
Polycyclic aromatic hydrocarbons, PAHs		
Anthracene		120-12-7
Benzo[a]anthracene		56-55-3
Benzo[a]phenanthrene		218-01-9
Benzo[a]pyrene		50-32-8
Benzo[b]fluoranthene		205-99-2
Benzo[j]fluoranthene		205-82-3
Benzo[k]fluoranthene		207-08-9
Dibenz[a,h]anthracene		53-70-3
Benzo[e]pyrene		192-97-2
Polyvinyl chloride.	PVC	-
Selenium (Se)		
Silver and its compounds		
Tin organic compounds		
Dibutyltin compounds;	DBT	78-04-6
Dibutyltin dichloride;	DBTC	683-18-1
Dioctyltin compounds;	DOT	870-08-6
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate;	DOTe	15571-58-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	Reaction mass of DOTE and MOTE	-
Triclosan	-	3380-34-5