



## Restricted Substances List

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# INTRODUCTION

# PURPOSE

**Our Purpose** is the global management of restricted substances in accessories, apparel, footwear and sporting good equipment in our brands CAMPER, CAMPER LAB and Nnormal.

# DEFINITIONS AND SCOPE

The manufacturing process involves the use of chemicals.

To ensure chemical safety, legal compliance, and minimize the impact on the environment, the final product is required to follow chemical restrictions. Restricted substances refer to chemicals that have been banned or limited in their use in the final goods. For this purpose, we have developed this Restricted Substances List (RSL) in conformity with the most stringent legislation.

The focus of this RSL is Accessories, Apparel and Footwear but it can be also applied to any other item developed or bought by Camper, Camper Lab and Nnormal Brands.

- **Apparel:** Any clothing worn on the body with the purpose of providing protection, coverage, or decoration.
- **Footwear:** Any garment worn on the feet with the purpose of providing protection, coverage or comfort
- **Accessories:** Any item worn to complement Apparel or Footwear
- **Sporting Good Equipment:** any item designed to be used in sport

# RESTRICTED SUBSTANCES LIST

## Acidic and Alkaline Substances

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
pH value	N/A	Leather: UNE EN ISO 4045:2018 Textile:UNE-EN ISO 3071:2020	N/A	3-5.5	4-7.5			

## Chromium (VI) after ageing

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Chromium (VI)	18540-29-9	ISO 17075-1:2017 ISO 17075-2:2017	3 ppm	3 ppm				



## Extractable Heavy Metals

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Arsenic (As)	7440-38-2	Leather	0,1 ppm	0,2 ppm	0,2 ppm	0,2 ppm	0,2 ppm	0,2 ppm
Cadmium (Cd)	7440-43-9	DIN EN ISO 17072-1:2019	0,05 ppm	0,1 ppm	0,1 ppm	0,1 ppm	0,1 ppm	0,1 ppm
Chromium (Cr)	7440-47-3	Textile, Polymeric Material	0,5 ppm	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Lead (Pb)	7439-92-1	UNE-EN 16711-2:2016	0,2 ppm	FW: 0,2 ppm Adult: 1 ppm	FW: 0,2 ppm Adult: 1 ppm	FW: 0,2 ppm Adult: 1 ppm	FW: 0,2 ppm Adult: 1 ppm	FW: 0,2 ppm Adult: 1 ppm
Copper (Cu)	7740-50-8		5 ppm	FW: 25 ppm Adult: 50 ppm	FW: 25 ppm Adult: 50 ppm	FW: 25 ppm Adult: 50 ppm	FW: 25 ppm Adult: 50 ppm	FW: 25 ppm Adult: 50 ppm
Nickel (Ni)	7440-02-0		0,1 ppm	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Cobalt (Co)	7440-48-4		0,5 ppm	FW: 1 ppm Adult: 4 ppm	FW: 1 ppm Adult: 4 ppm	FW: 1 ppm Adult: 4 ppm	FW: 1 ppm Adult: 4 ppm	FW: 1 ppm Adult: 4 ppm
Mercury (Hg)	7439-97-6		0,02 ppm	0,02 ppm	0,02 ppm	0,02 ppm	0,02 ppm	0,02 ppm
Selenium (Se)	7782-49-2		50 ppm	500 ppm	500 ppm	500 ppm	500 ppm	500 ppm
Antimony (Sb)	7440-36-0		3 ppm	30 ppm	30 ppm	30 ppm	30 ppm	30 ppm
Barium (Ba)	7440-39-3		100 ppm	1000 ppm	1000 ppm	1000 ppm	1000 ppm	1000 ppm

## Total Heavy Metals

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Arsenic (As)	7440-38-2	Leather	10 ppm	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm
Cadmium (Cd)	7440-43-9	UNE-EN ISO 17072-2:2019	5 ppm	40 ppm	40 ppm	40 ppm	40 ppm	40 ppm
Lead (Pb)	7439-92-1		no leather materials	10 ppm	90 ppm	90 ppm	90 ppm	90 ppm
Mercury (Hg)	7439-97-6	DIN EN 16711-1:2016	0,1 ppm	0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm

## Nickel release

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Nickel (Ni)	7440-02-0	EN 12472:2020 EN1811:2023	0,5 mg/cm <sup>2</sup> /week					Prolonged skin contact 0,5 mg/cm <sup>2</sup> /week

## Heavy Metals in paint and other surface coatings

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Cadmium (Cd)	7440-43-9	CPSC-CH-E1003-09.1		40 ppm	40 ppm	40 ppm	40 ppm	40 ppm
Lead (Pb)	7439-92-1			90 ppm	90 ppm	90 ppm	90 ppm	90 ppm
Mercury (Hg)	7439-97-6			10 ppm	10 ppm	10 ppm	10 ppm	10 ppm

## Free and partially hydrolysable formaldehyde content

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Formaldehyde	50-00-0	Leather: ISO 17226-1:2021 No Leather: UNE EN ISO 14184-1:2011	16 ppm	FW: 16 ppm ADULT: 75 ppm	FW: 16 ppm ADULT: 75 ppm	FW: 16 ppm ADULT: 75 ppm		

## Chlorophenols

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
2,3,4,5-Tetrachlorophenol (TeCP)	4901-51-3	DIN 50009:2021	0,5 ppm	0,5 ppm	0,5 ppm			
2,3,4,6-Tetrachlorophenol (TeCP)	58-90-2							
2,3,5,6-Tetrachlorophenol (TeCP)	935-95-5							
Pentachlorophenol (PCP)	87-86-5							
2,3,4-triclorofenol (TriCP)	15950-66-0							
2,3,5-triclorofenol (TriCP)	933-78-8							
2,3,6-triclorofenol (TriCP)	933-75-5							
2,4,5-triclorofenol (TriCP)	95-95-4							
2,4,6-triclorofenol (TriCP)	88-06-2							
3,4,5-triclorofenol (TriCP)	609-19-8							

## Azo dyestuff

Parameter	CAS Number	Test method	Detect ion limit	Leather	Textil	Foam	Plastic	Metal
4-aminodiphenyl	(92-67-1)	Textile UNE-EN ISO 14362-1:2017	5 ppm	20 ppm	20 ppm			
benzidine	(92-87-5)							
4-chloro-o-toluidine	(95-69-2)							
2-naphthylamine	(91-59-8)							
o-amino-azotoluene	(97-56-3)							
2-amino-4-nitrotolueno	(99-55-8)							
4-chloroaniline	(106-47-8)							
2,4-diaminoanisol	(615-05-4)							
4,4'-diamino-diphenylmethane	(101-77-9)							
3,3'-dichlorobenzidine	(91-94-1)							
3,3'-dimethoxybenzidine	(119-90-4)	Leather	5 ppm	20 ppm	20 ppm			
3,3'-dimethylbenzidine	(119-93-7)							
3,3-dimetil-4,4-diaminodifenilmetano	(838-88-0)	UNE-EN ISO 17234-1:2020						
p-cresidine	(120-71-8)							
4,4'-methylene-bis-(2-chloraniline)	(101-14-4)							
4,4'-oxydianiline	(101-80-4)	p-Aminoazobenzene:						
4,4'-thiodianiline	(139-65-1)	Textile						
o-toluidine	(95-53-4)							
2,4-Toluenodiamina	(95-80-7)	UNE-EN ISO 14362-3:2017						
2,4,5-trimethylaniline	(137-17-7)							
o-anisidine	(90-04-0)	Leather	5 ppm	20 ppm	20 ppm			
p-amino azobenzene	(60-09-3)							
2,6-xylidine	(87-62-7)	UNE-EN ISO 17234-2:2011						
2,4-xylidine	(95-68-1)							
4-Chloro-o-toluidinium chloride	3165-93-3							
2-Naphthylammoniumacetate	553-00-4							
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7							
2,4,5-Trimethylaniline hydrochloride	21436-97-5							

Navy Blue Colorant

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
C39H23ClCrN7O12S*2Na	118685-33-9	DIN 54231:2022	15 ppm	30 ppm	30 ppm			
C46H30CrN10O20S2*3Na	Not allocated							

## Allergenic Dyestuff

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
C.I. Disperse Blue 7	3179-90-6	DIN 54231:2022	15 ppm each		30 ppm			
C.I. Disperse Blue 26	3860-63-7							
C.I. Disperse Blue 35B	56524-76-6							
C.I. Disperse Blue 102	12222-97-8							
C.I. Disperse Blue 106	12223-01-7							
C.I. Disperse Blue 124	61951-51-7							
C.I. Disperse Brown 1	23355-64-8							
C.I. Disperse Orange 1	2581-69-3							
C.I. Disperse Orange 3	730-40-5							
C.I. Disperse Orange 37/76/59	13301-61-6							
C.I. Disperse Red 1	2872-52-8							
C.I. Disperse Red 11	2872-48-2							
C.I. Disperse Red 17	3179-89-3							
C.I. Disperse Yellow 1	119-15-3							
C.I. Disperse Yellow 3	2832-40-8							
C.I. Disperse Yellow 9	6373-73-5							
C.I. Disperse Yellow 39	12236-29-2							
C.I. Disperse Yellow 49	54824-37-2							
Mono N-Desmethyl Disperse Polyester Dark Blue	56524-77-7							
C.I. Disperse Blue 1	2475-45-8							
C.I. Disperse Blue 3	2475-46-9							
C.I. Direct Red 28	573-58-0							



## Allergenic Dyestuff

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
C.I. Disperse Orange 11	82-28-0	DIN 54231:2022	15 ppm each		30 ppm			
C.I. Disperse Orange 37/76/59	12223-33-5							
C.I. Disperse Orange 37/76/59	51811-42-8							
C.I. Disperse Orange 149	85136-74-9							
C.I. Disperse Red 151	61968-47-6							
C.I. Disperse Yellow 7	6300-37-4							
C.I. Disperse Yellow 23	6250-23-3							
C.I. Disperse Yellow 56	54077-16-6							
C.I. Acid Red 26	3761-53-3							
C.I. Basic Red 9	569-61-9							
C.I. Basic Green 4	569-64-2							
C.I. Basic Green 4	2437-29-8							
C.I. Basic Green 4	10309-95-2							
C.I. Basic Violet 3	548-62-9							
C.I. Basic Violet 14	632-99-5							
C.I. Basic Blue 26	2580-56-5							
C.I. Direct Black 38	1937-37-7							
C.I. Direct Blue 6	2602-46-2							
C.I. Direct Brown 95	16071-86-6							
4-Dimethylaminoazobenzene (Solvent Yellow 2)	60-11-7							
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1							
C.I. Solvent Blue 4	6786-83-0							



## Polycyclic Aromatic Hydrocarbons (PAHs)

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal		
Indeno(1,2,3.cd)pyrene	193-39-5	EN 17132:2019 or ISO 16190:2021	0,2 ppm each		No individual restriction	No individual restriction	No individual restriction			
Benzo(g,h,i)perylene	191-24-2									
Acenaphtelene	83-32-9									
Acenaphthylene	208-96-8									
Fluorene	86-73-7									
Fluoranthene	206-44-0									
Naphthalene	91-20-3									
Phenanthrene	85-01-8									
Pyrene	129-00-0									
Anthracene	120-12-7									
Benzo(a)anthracene	56-55-3									
Benzo(a)pyrene	50-32-8									
Benzo(b)floranthene	205-99-2									
Benzo[e]pyrene	192-97-2									
Benzo[j]floranthene	205-82-3									
Benzo(k)floranthene	207-08-9									
Chrysene	218-01-9									
Dibenzo(a,h)anthracene	53-70-3									
					Total: 10 ppm	Total: 10 ppm	Total: 10 ppm			
					Adult: 1 ppm each FW: 0,5 ppm each	Adult: 1 ppm each FW: 0,5 ppm each	Adult: 1 ppm each FW: 0,5 ppm each			

## Dimethyl fumarate content

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Dimethyl fumarate (DMFu)	624-49-7	ISO 16186:2021	0,1 ppm	0,1 ppm	0,1 ppm	0,1 ppm	0,1 ppm	0,1 ppm

## N-Nitrosamines

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
N-nitrosodimethylamine (NDMA)	62-75-9	EN ISO 19577:2019 with LG/MS/MS verification if positive	0,5 ppm each				0,5 ppm each	
N-nitrosodiethylamine (NDEA)	55-18-5							
N-nitrosodipropylamine (NDPA)	621-64-7							
N-nitrosodibutylamine (NDBA)	924-16-3							
N-nitrosopiperidine (NPIP)	100-75-4							
N-nitrosopyrrolidine (NPYR)	930-55-2							
N-nitrosomorpholine (NMOR)	59-89-2							
N-nitroso N-methyl N-phenylamine (NMPHA)	614-00-6							
N-nitroso N-ethyl N-phenylamine (NEPHA)	612-64-6							

# Chorinated Paraffins

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Short Chain Chlorinated Paraffins (SCCP) (C10-C13)	85535-84-8	Leather: ISO 18219-1:2021 (SCCP) Leather: ISO 18219-2:2021 (MCCP)	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm	100 ppm
Medium Chain Chlorinated Paraffins (MCCP) (C14-C17)	85535-85-9	No leather materials: ISO22818:2021 (SCCP+MCCP)						

## Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs), including all isomers

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Nonylphenol (NP), mixed isomers	104-40-5	Textiles & Leathers: EN ISO21084:2019  Others: 1 g Sample/20 ml THF, sonification for 60min at 70°C, análisis accordin to EN ISO 21084:2019	Total of NP+OP: 3 ppm	Total Aps: 10 ppm	Total Aps: 10 ppm	Total Aps: 10 ppm	Total Aps: 10 ppm	Total Aps: 10 ppm
	11066-49-2							
	25154-52-3							
	84852-15-3							
Octylphenol (OP), mixed isomers	140-66-9							
	1806-26-4							
	27193-28-8							
Octylphenol ethoxylates (OPEOs)	9002-93-1	Leather: Sample prep and análisis using EN ISO 18218-1:2023 with qualification according to EN ISO 18254-1:2016	Total of NPEOs + OPEOs: 20 ppm	Total Aps+ APEOs: 100 ppm	Total Aps+ APEOs: 100 ppm	Total Aps+ APEOs: 100 ppm	Total Aps+ APEOs: 100 ppm	Total Aps+ APEOs: 100 ppm
	9036-19-5							
	68987-90-6							
Nonylphenol ethoxylates (NPEOs)	9016-45-9	No Leather: EN ISO18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS						
	26027-38-3							
	37205-87-1							
	68412-54-4							
	127087-87-0							

## Phthalates and other esters of orto-phthalic acid

Parameter	CAS Number	Test method	Detection limit	Leather		Textil		Foam		Plastic			
DINP (Di-iso-nonylphthalate)	28553-12-0	Sample preparation	50 ppm	500 ppm	DBP+BBP+DEHP+DIBP + DINP+DIDP+D NOP	500 ppm	DBP+BBP+DEHP+DIBP + DINP+DIDP+D NOP	500 ppm	DBP+BBP+DEHP+DIBP + DINP+DIDP+D NOP	500 ppm	DBP+BBP+DEHP+DIBP + DINP+DIDP+D NOP		
DNOP (Di-n-octylphthalate)	117-84-0			500 ppm		500 ppm		500 ppm					
DEHP (Di(2-ethylhexyl)-phthalate)	117-81-7			500 ppm		500 ppm		500 ppm					
DIDP (Diisodecylphthalate)	26761-40-0			CPSC-CH-C1001-09	50 ppm	500 ppm	Total sum of 7 < 1000 ppm	500 ppm	Total sum of 7 < 1000 ppm	500 ppm	Total sum of 7 < 1000 ppm	500 ppm	Total sum of 7 < 1000 ppm
BBP (Butylbencylphthalate)	85-68-7					500 ppm		500 ppm		500 ppm			
DBP (Dibutylphthalate)	84-74-2					500 ppm		500 ppm		500 ppm			
DIBP (Diisobutylphthalate)	84-69-5					500 ppm	500 ppm	500 ppm					
DnHP (Din-n-hexylphthalate)	84-75-3	Measurement	50 ppm			500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm
DCHP (Dicyclohexyl phthalate)	84-61-7					500 ppm		500 ppm		500 ppm			
DnPP (Di-n-pentyl phthalate)	131-18-0					500 ppm		500 ppm		500 ppm			
DMEP Bis (2-methoxyethyl) phthalate	117-82-8			500 ppm	500 ppm	500 ppm							
DHNUP (1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters)	68515-42-4			Textiles: GC/MS, EN ISO 14389:2014	500 ppm	500 ppm		500 ppm					
DIPP (Diisopentylphthalate)	605-50-5				500 ppm	500 ppm		500 ppm					
DIHP (1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich)	71888-89-6			No textiles materials: GC/MS	50 ppm	500 ppm		Total: 1000 ppm		500 ppm		Total: 1000 ppm	
Diethylphthalate (DEP)	84-66-2	500 ppm	500 ppm			500 ppm							
Dimethylphthalate (DMP)	131-11-3	500 ppm	500 ppm			500 ppm							
Dipropyl phthalate (DPRP)	131-16-8	500 ppm	500 ppm			500 ppm							
Diisooctyl phthalate (DIOP)	27554-26-3	500 ppm	500 ppm			500 ppm							
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	500 ppm	500 ppm			500 ppm							
Diisohexyl phthalate (DIHxP)	71850-09-4	500 ppm	500 ppm			500 ppm							



## Phthalates and other esters of orto-phthalic acid

Parameter	CAS Number	Test method	Detection limit	Leather		Textil		Foam		Plastic	
1,2-Benzenedicarboxylic acid, Dipentyl ester, branched and linear	84777-06-0	Sample preparation CPSC-CH-C1001-09 Measurement Textiles: GC/MS, EN ISO 14389:2014 No textiles materials: GC/MS	50 ppm	500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm	500 ppm	Total: 1000 ppm
n-Pentyl-isopentylphthalate (nPIPP)	776297-69-9			500 ppm		500 ppm		500 ppm			
Bis(2-ethylhexyl)tetrabromophthalate	26040-51-7			500 ppm		500 ppm		500 ppm			
	68648-93-1										
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with >=0,3% of dihexyl phthalate; 1-2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; 1-2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5			500 ppm		500 ppm		500 ppm		500 ppm	

## Organotin compounds

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Dibutyltin (DBT)	Various	ISO 16179:2012	0,1 ppm each	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Diocetyltn (DOT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Monobutyltin (MBT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Tributyltin (TBT)	Various			0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm
Triphenyltin (TPhT)	Various			0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm	0,5 ppm
Tricyclohexyltin (TCyHT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Triocetyltn (TOT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Tripropyltin (TPT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Trimethyltin (TMT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Dimethyltin (DMT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Diphenyltin (DPhT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Dipropyltin (DPT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Monomethyltin (MMT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Monophenyltin (MPhT)	Various			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Tetrabutyltin (TeBT)	1461-25-2			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Tetraethyltin (TeET)	597-64-8			1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
Tetraoctyltin (TeOT)	3590-84-9	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm		

## Chlorinated Benzenes and Toluenes (Halogen Carriers)

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
2-Chlorotoluene	95-49-8	EN 17137:2018	0,2 pp, each		1 ppm	1 ppm		
3-Chlorotoluene	108-41-8				1 ppm	1 ppm		
4-Chlorotoluene	106-43-4				1 ppm	1 ppm		
2,3-Dichlorotoluene	32768-54-0				1 ppm	1 ppm		
2,4-Dichlorotoluene	95-73-8				1 ppm	1 ppm		
2,5-Dichlorotoluene	19398-61-9				1 ppm	1 ppm		
2,6-Dichlorotoluene	118-69-4				1 ppm	1 ppm		
3,4-Dichlorotoluene	95-75-0				1 ppm	1 ppm		
2,3,6-Trichlorotoluene	2077-46-5				1 ppm	1 ppm		
2,4,5-Trichlorotoluene	6639-30-1				1 ppm	1 ppm		
2,3,4,5-Tetrachlorotoluene	76057-12-0				1 ppm	1 ppm		
2,3,4,6-Tetrachlorotoluene	875-40-1				1 ppm	1 ppm		
2,3,4,6-Tetrachlorotoluene	1006-31-1				1 ppm	1 ppm		

## Chlorinated Benzenes and Toluenes (Halogen Carriers)

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Pentachlorotoluene	877-11-2	EN 17137:2018	0,2 pp, each  1 ppm for 1,2- Dichlorobenzene		1 ppm	1 ppm		
1,3-Dichlorobenzene	541-73-1				1 ppm	1 ppm		
1,4-Dichlorobenzene	106-46-7				1 ppm	1 ppm		
1,2,3-Trichlorobenzene	87-61-6				1 ppm	1 ppm		
1,2,4-Trichlorobenzene	120-82-1				1 ppm	1 ppm		
1,3,5-Trichlorobenzene	108-70-3				1 ppm	1 ppm		
1,2,3,4-Tetrachlorobenzene	634-66-2				1 ppm	1 ppm		
1,2,3,5-Tetrachlorobenzene	634-90-2				1 ppm	1 ppm		
1,2,4,5-Tetrachlorobenzene	95-94-3				1 ppm	1 ppm		
Pentachlorobenzene	608-93-5				1 ppm	1 ppm		
Hexachlorobenzene	118-74-1				1 ppm	1 ppm		
Benzotricloruro	98-07-7				1 ppm	1 ppm		
Cloruro de bencilo	100-44-7				1 ppm	1 ppm		
p-Chlorobenzotrichloride	5216-25-1				1 ppm	1 ppm		
1,2-Dichlorobenzene	95-50-1					10 ppm	10 ppm	

## Polibrominated & Polychlorinated Compounds (Flame Retardants)

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
PentaBDE (Pentabromodiphenyl ether)	32534-81-9	ISO 17881-1:2016	5 ppm each	10 ppm each	10 ppm each	10 ppm each	10 ppm each	
Decabromofiphenyl ethane (DBDPE)	84852-53-9			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
OctaBDE (Octabromodiphenyl Ether )	32536-52-0			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
DecaBDE ( Decabromodiphenyl ether)	1163-19-5			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
All other Polybrominated diphenyl ethers (PBDEs)	Various			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
TBBP A (Tetrabromobisphenol A)	79-94-7			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
PBB (Polybromobiphenyls)	59536-65-1			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
HBCDD (Hexabromocyclododecacene)	3194-55-6			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
2,2-bis(bromomethyl)-1,3-propanediol(BBMP)	3296-90-0			10 ppm each	10 ppm each	10 ppm each	10 ppm each	
TRIS (tri-(2,3,-Dibromopropyl)phosphate)	126-72-7			ISO 17881-2:2016	5 ppm each	10 ppm each	10 ppm each	10 ppm each
TEPA (tris-(aziridinyl)-phosphine oxide)	545-55-1	10 ppm each	10 ppm each			10 ppm each	10 ppm each	
BDBPP Bis (2,3-dibromopropyl) phosphate)	5412-25-9	10 ppm each	10 ppm each			10 ppm each	10 ppm each	
TDCPP (Tris(1,3-dichloro-isopropyl)phosphate)	13674-87-8	10 ppm each	10 ppm each			10 ppm each	10 ppm each	
TXP (Trixylyl phosphate)	25155-23-1	10 ppm each	10 ppm each			10 ppm each	10 ppm each	
TCEP (Tris(2-chloroethyl)phospate)	115-96-8	10 ppm each	10 ppm each			10 ppm each	10 ppm each	

## Isocyanates

Parameter	CAS Number	Test method	Detecti on limit	Leather	Textil	Foam	Plastic	Metal
Methylenediphenyl diisocyanate (MDI)	26447-40-5	EN 13130-8:2004		Not Detected	Not Detected	Not Detected	Not Detected	
4,4'-Methylenediphenyl diisocyanate	101-68-8			Not Detected	Not Detected	Not Detected	Not Detected	
2,4'-Methylenediphenyl diisocyanate	5873-54-1			Not Detected	Not Detected	Not Detected	Not Detected	
2,2'-Methylenediphenyl diisocyanate	a2536-05-2			Not Detected	Not Detected	Not Detected	Not Detected	

Quinoline

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Quinoline	91-22-5	DIN 54231:2022 with methanol extraction at 70°C	10 ppm		50 ppm			

## Volatile Organic Compounds (VOCs)

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Benzene	71-43-2	For general VOC screening: GC/MS headspace 45 min at 120°C	5 ppm		5 ppm	5 ppm	5 ppm	
Carbon Disulfide	75-15-0		20 ppm each					
Carbon Tetrachloride	56-23-5							
Chloroform	67-66-3							
Cyclohexanone	108-94-1							
1,2-Dichloroethylene	107-06-2							
1,1-Dichloroethylene	75-35-4							
Ethylbenzene	100-41-4							
Pentachloroethane	76-01-7							
1,1,1,2-Tetrachloroethane	630-20-6					Total: 1000 ppm	Total: 1000 ppm	Total: 1000 ppm
1,1,2,2-Tetrachloroethane	79-34-5							
Tetrachloroethylene (PERC)	127-18-4							
Toluene	108-88-3							
1,1,1-Trichloroethane	71-55-6							
1,1,2-Trichloroethane	79-00-5							
Trichloroethylene	79-01-6							
Xylenes (meta-, ortho-, para-)	1330-20-7							
	108-38-3							
	95-47-6							
	106-42-3							



## Solvents

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Dimethylformamide (DMFa)	68-12-2	Textiles: EN 17131:2019	50 ppm each		500 ppm	500 ppm	500 ppm	
Formamide	72-12-7	No Textiles: ISO16189:2021			1000 ppm each	1000 ppm each	1000 ppm each	
N,N-dimethylacetamide (DMAC)	127-19-5				1000 ppm each	1000 ppm each	1000 ppm each	
N-methyl-2-pyrrolidone (NMP)	872-50-4				1000 ppm each	1000 ppm each	1000 ppm each	

## Acetophenone and 2-Phenyl-2-Propanol

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Acetophenone and 2-Phenyl-2-Propanol	98-86-2	Extraction in acetone or methanol GC/MS, conication for 30 min at 60°C	50 ppm				EVA material: 50 ppm	
2-Phenyl-2-Propanol	617-94-7						EVA material: 50 ppm	

## Bisphenols

Parameter	CAS Number	Test method	Detecti on limit	Leather	Textil	Foam	Plastic	Metal
Bisphenol- A (BPA)	80-05-7	Leather: EN ISO 11936:2023 no leather materials: Extraction 1g sample/20 ml THF, sonification for 60 minutes at 60°C, then add methanol or acetronitrile for precipitation prior to analysis with LD/MS. Note for textiles: For precipitation, draw the extract to another container and add methanol or acetoneitrile. inaccurate higher results will be obtained if teh textile sample contacts the precipitation solvent.					FW: 1 ppm	
Bisphenol- S (BPS)	80-09-1						1000 ppm each	
Bisphenol- B (BPB)	77-40-7						1000 ppm each	
Bisphenol- F (BPF)	620-92-8						1000 ppm each	

Ortho-phenylphenol

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
Ortho-phenylphenol (OPP)	90-43-7	EN 17134-2:2023		1000 ppm	1000 ppm	1000 ppm		

## UV Absorbers / Stabilizers

Parameter	CAS Number	Test method	Detection limit	Leather	Textil	Foam	Plastic	Metal
UV 320	3846-71-7	ISO 24040:2022 with extraction in THF, analysis by GC/MS				1000 ppm each	1000 ppm each	
UV 327	3864-99-1					1000 ppm each	1000 ppm each	
UV 328	25973-55-1					1000 ppm each	1000 ppm each	
UV 350	36437-37-3					1000 ppm each	1000 ppm each	
Drometrizole	2440-22-4					1000 ppm each	1000 ppm each	

Annexes

## Annex 1. Per-and Polyfluoroalkyl Substances (PAFS)

Perflurooctane Sulfonate (PFOS) and related substances	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1
Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3
Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5
Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )	29081-56-9
Perfluorooctanesulfonic acid, diethanolamine salt (PFOS-NH(OH) <sub>2</sub> )	70225-14-8
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3
Didecyldimethyl ammonium perfluorooctane sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8
N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2
N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2
2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7
Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7
Perfluorooctane sulfonamide (PFOSA)	754-91-6

## Annex 1. Per-and Polyfluoroalkyl Substances (PAFS)

### Perfluorooctanoic Acid (PFOA) and its salts

Perfluorooctanoic acid (PFOA)	335-67-1
Sodium perfluorooctanoate (PFOA-NA)	335-95-5
Potassium perfluorooctanoate (PFOA-K)	2395-00-8
Silver perfluorooctanoate (PFOA-Ag)	335-93-3
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1

### PFOA related substances

1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4
Methyl perfluorooctanoate (Me-PFOA)	376-27-2
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5
2-Perfluorooctylethanol (8:2 FTOH)	678-39-7
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9
2H,2H-Perfluorodecanoic acid (H2PFDA)	27854-31-5



## Annex 1. Per-and Polyfluoroalkyl Substances (PAFS)

### Perfluorohexane-1 -sulphonic acid (PFHxS) and its salts

Perfluorohexane Sulfonic acid (PFHxS)	355-46-4
Perfluorohexane Sulfonic acid (PFHxS), potassium salt (PFHxS-K)	3871-99-6
Perfluorohexane Sulfonic acid (PFHxS), lithium salt (PFHxS-Li)	55120-77-9
Perfluorohexane Sulfonic acid (PFHxS), ammonium salt (PFHxS-NH <sub>4</sub> )	68259-08-5
Perfluorohexane Sulfonic acid (PFHxS), sodium salt (PFHxS-Na)	82382-12-5

### PFHxS-related substances

N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1

### PFHxA, its salts and related substances

Perfluorohexanoic Acid (PFHxA, C6-PFCA)	307-24-4
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2
1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7

## Annex 1. Per-and Polyfluoroalkyl Substances (PAFS)

### C9-C14 Perfluorocarboxylic acids (PFCAs) and their salts

Perfluorononanoic Acid (PFNA, C9-PFCA)	375-95-1
Perfluorodecanoic Acid (PFDA, C10-PFCA)	335-76-2
Perfluoroundecanoic Acid (PFUnA, C11-PFCA)	2058-94-8
Perfluorododecanoic Acid (PFDoA, C12-PFCA)	307-55-1
Perfluorotridecanoic Acid (PFTrDA, C13-PFCA)	72629-94-8
Perfluorotetradecanoic Acid (PFTeDA, C14-PFCA)	376-06-7
Perfluoro--3-7-dimethyloctanecarboxylate (PF-3,7-DMOA)	172155-07-6

## Annex 1. Per-and Polyfluoroalkyl Substances (PAFS)

### C9-C14 Perfluorocarboxylic acids (PFCAs)- related substances

1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9
1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1
2H,2H,3H,3H-Perfluoroundecanoic acid (H4PFUnA)	34598-33-9
Perfluorocylethanol 8:2 (8:2 FTOH)	678-39-7
1H,1H,2H,2H-Perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5
1H,1H,2H,2H-Perfluorododecanesulphonic acid (10:2 FTS)	120226-60-0
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2

Commitment

# COMMITMENT

**CAMPER, CAMPER LAB AND NNORMAL BRANDS** requires suppliers to ensure all products and packaging meet the limits set out in our Restricted Substances List. To ensure compliant products, suppliers must communicate our Restricted Substance List upstream to material, components and chemical suppliers. Also suppliers must source materials or components responsibly by requesting declarations, recognized certifications and/or test reports from your suppliers.

**Sign:**

**Biniaraix Manufacturing**

**14/02/2024**

**Signed by: Cristina Pons  
Head of Q&E**

**Company Name:**

**Date:**

**Signed by:**

Thank you!