SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: 260781 - NitorLACK Ambar Vintage MT

Other means of identification:

Not relevant

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: Coatings for wood

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:

Valresa Coatings, S.A.
Pol. Ind. Reva S-13 Avda. dels Gremis s/n
46190 Riba-roja de Turia Valencia - Spain
Phone: +34961669560
safety@valresa.com
www.valresa.com

1.4 Emergency telephone number: +34 961669560 (Sólo disponible en horario de oficina 8:00 - 16:30)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 2: Flammable liquids, Category 2, H225
Repr. 2: Reproductive toxicity, Category 2, H361d
Skin Irrit. 2: Skin irritation, Category 2, H315
STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2, H373
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger



Hazard statements:

H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H361d - Suspected of damaging the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Substances that contribute to the classification

Toluene; N-butyl acetate; Ethyl acetate; propan-2-ol

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives, colourants, resins and nitrocelluloses in solvents

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 108-88-3 EC: 203-625-9 Index: 601-021-00-3 REACH: 01-2119471310-51-XXXX	**Toluene**(1)	Self-classified	**25 - <50 %**
	Regulation 1272/2008	Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger	
CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX	**N-butyl acetate**(1)	ATP CLP00	**10 - <25 %**
	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	
CAS: 141-78-6 EC: 205-500-4 Index: 607-022-00-5 REACH: 01-2119475103-46-XXXX	**Ethyl acetate**(1)	ATP CLP00	**5 - <10 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	
CAS: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-XXXX	**Xylene**(1)	Self-classified	**5 - <10 %**
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	
CAS: 67-63-0 EC: 200-661-7 Index: 603-117-00-0 REACH: 01-2119457558-25-XXXX	**propan-2-ol**(1)	ATP CLP00	**5 - <10 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger	
CAS: 78-83-1 EC: 201-148-0 Index: 603-108-00-1 REACH: 01-2119484609-23-XXXX	**2-methylpropan-1-ol**(1)	ATP CLP00	**2,5 - <5 %**
	Regulation 1272/2008	Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	
CAS: 100-41-4 EC: 202-849-4 Index: 601-023-00-4 REACH: 01-2119489370-35-XXXX	**Ethylbenzene**(2)	Self-classified	**0,25 - <2,5 %**
	Regulation 1272/2008	Acute Tox. 4: H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	
CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119488216-32-XXXX	**Reaction mass of ethylbenzene and xylene**(2)	Self-classified	**0,25 - <2,5 %**
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	
CAS: 108-88-3 EC: 203-625-9 Index: 601-021-00-3 REACH: 01-2119471310-51-XXXX	**Toluene**(2)	ATP CLP00	**<0,1 %**
	Regulation 1272/2008	Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger	
CAS: 95-63-6 EC: 202-436-9 Index: 601-043-00-3 REACH: 01-2119472135-42-XXXX	**1,2,4-trimethylbenzene**(2)	ATP CLP00	**<0,1 %**
	Regulation 1272/2008	Acute Tox. 4: H332; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning	
CAS: 107-98-2 EC: 203-539-1 Index: 603-064-00-3 REACH: 01-2119457435-35-XXXX	**1-methoxy-2-propanol**(2)	ATP ATP01	**<0,1 %**
	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	
CAS: 108-67-8 EC: 203-604-4 Index: 601-025-00-5 REACH: 01-2120738996-34-XXXX	**Mesitylene**(2)	ATP CLP00	**<0,1 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Flam. Liq. 3: H226; STOT SE 3: H335 - Warning	

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878
(2) Substance with a Union workplace exposure limit

*** Changes with regards to the previous version*

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

Identification	Chemical name/Classification		Concentration
CAS: 526-73-8 EC: 208-394-8 Index: Non-applicable REACH: Non-applicable	**1,2,3-trimethylbenzene**(2)	Self-classified	**<0,1 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning	
CAS: 112-34-5 EC: 203-961-6 Index: 603-096-00-8 REACH: 01-2119475104-44-XXXX	**2-(2-butoxyethoxy)ethanol**(2)	ATP CLP00	**<0,1 %**
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 98-82-8 EC: 202-704-5 Index: 601-024-00-X REACH: 01-2119473983-24-XXXX	**Cumene**(2)	ATP ATP18	**<0,1 %**
	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Carc. 1B: H350; Flam. Liq. 3: H226; STOT SE 3: H335 - Danger	
CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119539452-40-XXXX	**Reaction mass of ethylbenzene and xylene**(2)	Self-classified	**<0,1 %**
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	

(1) Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878
(2) Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	Specific concentration limit
Mesitylene CAS: 108-67-8 EC: 203-604-4	% (w/w) >=25: STOT SE 3 - H335
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	% (w/w) >=10: STOT RE 2 - H373

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
Xylene	LD50 oral	Not relevant	
CAS: 1330-20-7	LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7	LC50 inhalation	11 mg/L (ATEi)	
Reaction mass of ethylbenzene and xylene	LD50 oral	Not relevant	
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat
EC: 905-588-0	LC50 inhalation	Not relevant	
Reaction mass of ethylbenzene and xylene	LD50 oral	Not relevant	
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat
EC: 905-588-0	LC50 inhalation	Not relevant	

*** Changes with regards to the previous version*

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

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SECTION 4: FIRST AID MEASURES (continued)

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in designated areas that comply with the necessary safety conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to small amounts only. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 ºC

Maximum Temp.: 35 ºC

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC,Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
1-methoxy-2-propanol (1) CAS: 107-98-2 EC: 203-539-1	IOELV (8h) IOELV (STEL)	100 ppm 150 ppm	375 mg/m³ 568 mg/m³
2-(2-butoxyethoxy)ethanol CAS: 112-34-5 EC: 203-961-6	IOELV (8h) IOELV (STEL)	10 ppm 15 ppm	67,5 mg/m³ 101,2 mg/m³
Xylene (1) CAS: 1330-20-7 EC: 215-535-7	IOELV (8h) IOELV (STEL)	50 ppm 100 ppm	221 mg/m³ 442 mg/m³
Ethylbenzene (1) CAS: 100-41-4 EC: 202-849-4	IOELV (8h) IOELV (STEL)	100 ppm 200 ppm	442 mg/m³ 884 mg/m³
Toluene (1) CAS: 108-88-3 EC: 203-625-9	IOELV (8h) IOELV (STEL)	50 ppm 100 ppm	192 mg/m³ 384 mg/m³
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	IOELV (8h) IOELV (STEL)	50 ppm 150 ppm	241 mg/m³ 723 mg/m³
Ethyl acetate CAS: 141-78-6 EC: 205-500-4	IOELV (8h) IOELV (STEL)	200 ppm 400 ppm	734 mg/m³ 1468 mg/m³
Toluene (1) CAS: 108-88-3 EC: 203-625-9	IOELV (8h) IOELV (STEL)	50 ppm 100 ppm	192 mg/m³ 384 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC,Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	IOELV (8h) IOELV (STEL)	50 ppm 100 ppm	221 mg/m³ 442 mg/m³
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	IOELV (8h) IOELV (STEL)	50 ppm 100 ppm	221 mg/m³ 442 mg/m³
Cumene (1) CAS: 98-82-8 EC: 202-704-5	IOELV (8h) IOELV (STEL)	20 ppm 50 ppm	100 mg/m³ 250 mg/m³
Mesitylene CAS: 108-67-8 EC: 203-604-4	IOELV (8h) IOELV (STEL)	20 ppm	100 mg/m³
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	IOELV (8h) IOELV (STEL)	20 ppm	100 mg/m³
1,2,3-trimethylbenzene CAS: 526-73-8 EC: 208-394-8	IOELV (8h) IOELV (STEL)	20 ppm	100 mg/m³

(1) Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Toluene CAS: 108-88-3 EC: 203-625-9	Oral Dermal Inhalation	Not relevant Not relevant 384 mg/m³	Not relevant Not relevant 384 mg/m³	Not relevant 384 mg/kg 192 mg/m³	Not relevant Not relevant 192 mg/m³
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Oral Dermal Inhalation	Not relevant 11 mg/kg 600 mg/m³	Not relevant Not relevant 600 mg/m³	Not relevant 11 mg/kg 300 mg/m³	Not relevant Not relevant 300 mg/m³
Ethyl acetate CAS: 141-78-6 EC: 205-500-4	Oral Dermal Inhalation	Not relevant Not relevant 1468 mg/m³	Not relevant Not relevant 1468 mg/m³	Not relevant 63 mg/kg 734 mg/m³	Not relevant Not relevant 734 mg/m³
Xylene CAS: 1330-20-7 EC: 215-535-7	Oral Dermal Inhalation	Not relevant Not relevant 442 mg/m³	Not relevant Not relevant 442 mg/m³	Not relevant 212 mg/kg 221 mg/m³	Not relevant Not relevant 221 mg/m³
propan-2-ol CAS: 67-63-0 EC: 200-661-7	Oral Dermal Inhalation	Not relevant Not relevant Not relevant	Not relevant Not relevant Not relevant	Not relevant 888 mg/kg 500 mg/m³	Not relevant Not relevant Not relevant
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	Oral Dermal Inhalation	Not relevant Not relevant Not relevant	Not relevant Not relevant Not relevant	Not relevant Not relevant Not relevant	Not relevant Not relevant 310 mg/m³
Ethylbenzene CAS: 100-41-4 EC: 202-849-4	Oral Dermal Inhalation	Not relevant Not relevant Not relevant	Not relevant Not relevant 293 mg/m³	Not relevant 180 mg/kg 77 mg/m³	Not relevant Not relevant Not relevant
Reaction mass of ethylbenzene and xylene CAS: Non-applicable EC: 905-588-0	Oral Dermal Inhalation	Not relevant Not relevant 442 mg/m³	Not relevant Not relevant 442 mg/m³	Not relevant 212 mg/kg 221 mg/m³	Not relevant Not relevant 221 mg/m³
Toluene CAS: 108-88-3 EC: 203-625-9	Oral Dermal Inhalation	Not relevant Not relevant 384 mg/m³	Not relevant Not relevant 384 mg/m³	Not relevant 384 mg/kg 192 mg/m³	Not relevant Not relevant 192 mg/m³
1,2,4-trimethylbenzene CAS: 95-63-6 EC: 202-436-9	Oral Dermal Inhalation	Not relevant Not relevant 100 mg/m³	Not relevant Not relevant 100 mg/m³	Not relevant 16171 mg/kg 100 mg/m³	Not relevant Not relevant 100 mg/m³
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	Oral Dermal Inhalation	Not relevant Not relevant 553,5 mg/m³	Not relevant Not relevant 553,5 mg/m³	Not relevant 183 mg/kg 369 mg/m³	Not relevant Not relevant Not relevant
Mesitylene CAS: 108-67-8 EC: 203-604-4	Oral Dermal Inhalation	Not relevant Not relevant 100 mg/m³	Not relevant Not relevant 100 mg/m³	Not relevant 16171 mg/kg 100 mg/m³	Not relevant Not relevant 100 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	83 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	101,2 mg/m³	67,5 mg/m³	67,5 mg/m³
Cumene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 98-82-8	Dermal	Not relevant	Not relevant	15,4 mg/kg	Not relevant
EC: 202-704-5	Inhalation	Not relevant	250 mg/m³	100 mg/m³	Not relevant
Reaction mass of ethylbenzene and xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 905-588-0	Inhalation	442 mg/m³	442 mg/m³	221 mg/m³	221 mg/m³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Toluene	Oral	Not relevant	Not relevant	8,13 mg/kg	Not relevant
CAS: 108-88-3	Dermal	Not relevant	Not relevant	226 mg/kg	Not relevant
EC: 203-625-9	Inhalation	226 mg/m³	226 mg/m³	56,5 mg/m³	56,5 mg/m³
N-butyl acetate	Oral	2 mg/kg	Not relevant	2 mg/kg	Not relevant
CAS: 123-86-4	Dermal	6 mg/kg	Not relevant	6 mg/kg	Not relevant
EC: 204-658-1	Inhalation	300 mg/m³	300 mg/m³	35,7 mg/m³	35,7 mg/m³
Ethyl acetate	Oral	Not relevant	Not relevant	4,5 mg/kg	Not relevant
CAS: 141-78-6	Dermal	Not relevant	Not relevant	37 mg/kg	Not relevant
EC: 205-500-4	Inhalation	734 mg/m³	734 mg/m³	367 mg/m³	367 mg/m³
Xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 215-535-7	Inhalation	260 mg/m³	260 mg/m³	65,3 mg/m³	65,3 mg/m³
propan-2-ol	Oral	Not relevant	Not relevant	26 mg/kg	Not relevant
CAS: 67-63-0	Dermal	Not relevant	Not relevant	319 mg/kg	Not relevant
EC: 200-661-7	Inhalation	Not relevant	Not relevant	89 mg/m³	Not relevant
2-methylpropan-1-ol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 78-83-1	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 201-148-0	Inhalation	Not relevant	Not relevant	Not relevant	55 mg/m³
Ethylbenzene	Oral	Not relevant	Not relevant	1,6 mg/kg	Not relevant
CAS: 100-41-4	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 202-849-4	Inhalation	Not relevant	Not relevant	15 mg/m³	Not relevant
Reaction mass of ethylbenzene and xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 905-588-0	Inhalation	260 mg/m³	260 mg/m³	65,3 mg/m³	65,3 mg/m³
Toluene	Oral	Not relevant	Not relevant	8,13 mg/kg	Not relevant
CAS: 108-88-3	Dermal	Not relevant	Not relevant	226 mg/kg	Not relevant
EC: 203-625-9	Inhalation	226 mg/m³	226 mg/m³	56,5 mg/m³	56,5 mg/m³
1,2,4-trimethylbenzene	Oral	Not relevant	Not relevant	15 mg/kg	Not relevant
CAS: 95-63-6	Dermal	Not relevant	Not relevant	9512 mg/kg	Not relevant
EC: 202-436-9	Inhalation	29,4 mg/m³	29,4 mg/m³	29,4 mg/m³	29,4 mg/m³
1-methoxy-2-propanol	Oral	Not relevant	Not relevant	33 mg/kg	Not relevant
CAS: 107-98-2	Dermal	Not relevant	Not relevant	78 mg/kg	Not relevant
EC: 203-539-1	Inhalation	Not relevant	Not relevant	43,9 mg/m³	Not relevant
Mesitylene	Oral	Not relevant	Not relevant	15 mg/kg	Not relevant
CAS: 108-67-8	Dermal	Not relevant	Not relevant	9512 mg/kg	Not relevant
EC: 203-604-4	Inhalation	29,4 mg/m³	29,4 mg/m³	29,4 mg/m³	29,4 mg/m³
2-(2-butoxyethoxy)ethanol	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
CAS: 112-34-5	Dermal	Not relevant	Not relevant	50 mg/kg	Not relevant
EC: 203-961-6	Inhalation	Not relevant	60,7 mg/m³	40,5 mg/m³	40,5 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Cumene	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
CAS: 98-82-8	Dermal	Not relevant	Not relevant	1,2 mg/kg	Not relevant
EC: 202-704-5	Inhalation	Not relevant	Not relevant	16,6 mg/m³	Not relevant
Reaction mass of ethylbenzene and xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 905-588-0	Inhalation	260 mg/m³	260 mg/m³	65,3 mg/m³	65,3 mg/m³

PNEC:

Identification				
Toluene	STP	13,61 mg/L	Fresh water	0,68 mg/L
CAS: 108-88-3	Soil	2,89 mg/kg	Marine water	0,68 mg/L
EC: 203-625-9	Intermittent	0,68 mg/L	Sediment (Fresh water)	16,39 mg/kg
	Oral	Not relevant	Sediment (Marine water)	16,39 mg/kg
N-butyl acetate	STP	35,6 mg/L	Fresh water	0,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water	0,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh water)	0,981 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,098 mg/kg
Ethyl acetate	STP	650 mg/L	Fresh water	0,24 mg/L
CAS: 141-78-6	Soil	0,148 mg/kg	Marine water	0,024 mg/L
EC: 205-500-4	Intermittent	1,65 mg/L	Sediment (Fresh water)	1,15 mg/kg
	Oral	0,2 g/kg	Sediment (Marine water)	0,115 mg/kg
Xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg
propan-2-ol	STP	2251 mg/L	Fresh water	140,9 mg/L
CAS: 67-63-0	Soil	28 mg/kg	Marine water	140,9 mg/L
EC: 200-661-7	Intermittent	140,9 mg/L	Sediment (Fresh water)	552 mg/kg
	Oral	0,16 g/kg	Sediment (Marine water)	552 mg/kg
2-methylpropan-1-ol	STP	10 mg/L	Fresh water	0,4 mg/L
CAS: 78-83-1	Soil	0,076 mg/kg	Marine water	0,04 mg/L
EC: 201-148-0	Intermittent	11 mg/L	Sediment (Fresh water)	1,56 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,156 mg/kg
Ethylbenzene	STP	9,6 mg/L	Fresh water	0,1 mg/L
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water	0,01 mg/L
EC: 202-849-4	Intermittent	0,1 mg/L	Sediment (Fresh water)	13,7 mg/kg
	Oral	0,02 g/kg	Sediment (Marine water)	1,37 mg/kg
Reaction mass of ethylbenzene and xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: Non-applicable	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 905-588-0	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg
Toluene	STP	13,61 mg/L	Fresh water	0,68 mg/L
CAS: 108-88-3	Soil	2,89 mg/kg	Marine water	0,68 mg/L
EC: 203-625-9	Intermittent	0,68 mg/L	Sediment (Fresh water)	16,39 mg/kg
	Oral	Not relevant	Sediment (Marine water)	16,39 mg/kg
1,2,4-trimethylbenzene	STP	2,41 mg/L	Fresh water	0,12 mg/L
CAS: 95-63-6	Soil	2,34 mg/kg	Marine water	0,12 mg/L
EC: 202-436-9	Intermittent	0,12 mg/L	Sediment (Fresh water)	13,56 mg/kg
	Oral	Not relevant	Sediment (Marine water)	13,56 mg/kg
1-methoxy-2-propanol	STP	100 mg/L	Fresh water	10 mg/L
CAS: 107-98-2	Soil	4,59 mg/kg	Marine water	1 mg/L
EC: 203-539-1	Intermittent	100 mg/L	Sediment (Fresh water)	52,3 mg/kg
	Oral	Not relevant	Sediment (Marine water)	5,2 mg/kg

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Mesitylene	STP	2,02 mg/L	Fresh water	0,101 mg/L
CAS: 108-67-8	Soil	1,34 mg/kg	Marine water	0,101 mg/L
EC: 203-604-4	Intermittent	0,101 mg/L	Sediment (Fresh water)	7,86 mg/kg
	Oral	Not relevant	Sediment (Marine water)	7,86 mg/kg
2-(2-butoxyethoxy)ethanol	STP	200 mg/L	Fresh water	1,1 mg/L
CAS: 112-34-5	Soil	0,32 mg/kg	Marine water	0,11 mg/L
EC: 203-961-6	Intermittent	11 mg/L	Sediment (Fresh water)	4,4 mg/kg
	Oral	0,056 g/kg	Sediment (Marine water)	0,44 mg/kg
Cumene	STP	200 mg/L	Fresh water	0,035 mg/L
CAS: 98-82-8	Soil	0,624 mg/kg	Marine water	0,004 mg/L
EC: 202-704-5	Intermittent	0,012 mg/L	Sediment (Fresh water)	3,22 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,322 mg/kg
Reaction mass of ethylbenzene and xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: Non-applicable	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 905-588-0	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.
All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Not relevant

D.- Eye and face protection

Not relevant

E.- Body protection

Not relevant

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	77,15 % weight
V.O.C. density at 25 ºC:	687,37 kg/m³ (687,37 g/L)
Average carbon number:	6,14
Average molecular weight:	96,77 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Appearance:	
Physical state at 20 ºC:	Liquid
Appearance:	Paste
Colour:	Amber
Odour:	Characteristic
Odour threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	110 ºC
Vapour pressure at 25 ºC:	4174 Pa
Vapour pressure at 50 ºC:	13823,85 Pa (13,82 kPa)
Evaporation rate at 25 ºC:	Not relevant *
Product description:	
Density at 25 ºC:	891 kg/m³
Relative density at 25 ºC:	0,891
Dynamic viscosity at 25 ºC:	Not relevant *
Kinematic viscosity at 25 ºC:	>147 mm²/s
Kinematic viscosity at 40 ºC:	>20,5 mm²/s
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 25 ºC:	Not relevant *
Partition coefficient n-octanol/water 25 ºC:	Not relevant *
Solubility in water at 25 ºC:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	18 ºC
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	200 ºC
Lower flammability limit:	Not available
Upper flammability limit:	Not available
Particle characteristics:	
Median equivalent diameter:	Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:	
Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 25 ºC:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
  IARC: Sodium bis[2-[[5-(aminosulphonyl)-2-hydroxyphenyl]azo]-3-oxo-N-phenylbutyramidato(2-)]cobaltate(1-) (2B); propan-2-ol (3); Xylene (3); Ethylbenzene (2B); Toluene (3); Toluene (3); Reaction mass of ethylbenzene and xylene (3); Polyethylene wax (3); Reaction mass of ethylbenzene and xylene (3); Cumene (2B); Hydrocarbons, C9, aromatics (3); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (3); Solvent naptha (petroleum), light aromatic (3); Stoddard solvent, < 0.1 % EC 200-753-7 (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Suspected of damaging the unborn child.

*** Changes with regards to the previous version*

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SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
propan-2-ol	LD50 oral	5280 mg/kg	Rat
CAS: 67-63-0	LD50 dermal	12800 mg/kg	Rat
EC: 200-661-7	LC50 inhalation	72,6 mg/L (4 h)	Rat
Xylene	LD50 oral	2100 mg/kg	Rat
CAS: 1330-20-7	LD50 dermal	1100 mg/kg (ATEi)	Rat
EC: 215-535-7	LC50 inhalation	11 mg/L (ATEi)	
N-butyl acetate	LD50 oral	12789 mg/kg	Rat
CAS: 123-86-4	LD50 dermal	14112 mg/kg	Rabbit
EC: 204-658-1	LC50 inhalation	23,4 mg/L (4 h)	Rat
Ethyl acetate	LD50 oral	4100 mg/kg	Rat
CAS: 141-78-6	LD50 dermal	20000 mg/kg	Rabbit
EC: 205-500-4	LC50 inhalation	>20 mg/L	
Toluene	LD50 oral	5580 mg/kg	Rat
CAS: 108-88-3	LD50 dermal	12124 mg/kg	Rat
EC: 203-625-9	LC50 inhalation	28,1 mg/L (4 h)	Rat
2-methylpropan-1-ol	LD50 oral	3350 mg/kg	Rat
CAS: 78-83-1	LD50 dermal	2460 mg/kg	Rabbit
EC: 201-148-0	LC50 inhalation	24,6 mg/L (4 h)	Rat
Ethylbenzene	LD50 oral	3500 mg/kg	Rat
CAS: 100-41-4	LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4	LC50 inhalation	17,2 mg/L (4 h)	Rat
Reaction mass of ethylbenzene and xylene	LD50 oral	2100 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat
EC: 905-588-0	LC50 inhalation	11 mg/L (4 h)	Rat
Toluene	LD50 oral	5580 mg/kg	Rat
CAS: 108-88-3	LD50 dermal	12124 mg/kg	Rat
EC: 203-625-9	LC50 inhalation	28,1 mg/L (4 h)	Rat
1,2,4-trimethylbenzene	LD50 oral	3400 mg/kg	Rat
CAS: 95-63-6	LD50 dermal	3160 mg/kg	Rabbit
EC: 202-436-9	LC50 inhalation	11 mg/L (4 h)	Rat

*** Changes with regards to the previous version*

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SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

Identification	Acute toxicity		Genus
1-methoxy-2-propanol	LD50 oral	>2000 mg/kg	
CAS: 107-98-2	LD50 dermal	>2000 mg/kg	
EC: 203-539-1	LC50 inhalation	>20 mg/L	
Mesitylene	LD50 oral	6000 mg/kg	Rat
CAS: 108-67-8	LD50 dermal	>2000 mg/kg	
EC: 203-604-4	LC50 inhalation	>20 mg/L	
1,2,3-trimethylbenzene	LD50 oral	>2000 mg/kg	
CAS: 526-73-8	LD50 dermal	>2000 mg/kg	
EC: 208-394-8	LC50 inhalation	>20 mg/L	
2-(2-butoxyethoxy)ethanol	LD50 oral	>2000 mg/kg	
CAS: 112-34-5	LD50 dermal	>2000 mg/kg	
EC: 203-961-6	LC50 inhalation	>20 mg/L	
Cumene	LD50 oral	2700 mg/kg	
CAS: 98-82-8	LD50 dermal	>2000 mg/kg	
EC: 202-704-5	LC50 inhalation	>20 mg/L	
Reaction mass of ethylbenzene and xylene	LD50 oral	2100 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat
EC: 905-588-0	LC50 inhalation	11 mg/L (4 h)	Rat

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

*** Changes with regards to the previous version*

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
Toluene	LC50	13 mg/L (96 h)	Carassius auratus	Fish
CAS: 108-88-3	EC50	11,5 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-625-9	EC50	Not relevant		
N-butyl acetate	LC50	Not relevant		
CAS: 123-86-4	EC50	Not relevant		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Ethyl acetate	LC50	230 mg/L (96 h)	Pimephales promelas	Fish
CAS: 141-78-6	EC50	717 mg/L (48 h)	Daphnia magna	Crustacean
EC: 205-500-4	EC50	3300 mg/L (48 h)	Scenedesmus subspicatus	Algae
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
propan-2-ol	LC50	9640 mg/L (96 h)	Pimephales promelas	Fish
CAS: 67-63-0	EC50	13299 mg/L (48 h)	Daphnia magna	Crustacean
EC: 200-661-7	EC50	1000 mg/L (72 h)	Scenedesmus subspicatus	Algae
2-methylpropan-1-ol	LC50	2030 mg/L (96 h)	Carassius auratus	Fish
CAS: 78-83-1	EC50	1439 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-148-0	EC50	1250 mg/L (48 h)	Scenedesmus subspicatus	Algae

*** Changes with regards to the previous version*

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Concentration		Species	Genus
Ethylbenzene	LC50	42,3 mg/L (96 h)	Pimephales promelas	Fish
CAS: 100-41-4	EC50	75 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-849-4	EC50	63 mg/L (3 h)	Chlorella vulgaris	Algae
Reaction mass of ethylbenzene and xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: Non-applicable	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 905-588-0	EC50	>10 - 100 mg/L (72 h)		Algae
Toluene	LC50	5,5 mg/L (96 h)	Oncorhynchus kisutch	Fish
CAS: 108-88-3	EC50	3,78 mg/L (48 h)	Ceriodaphnia dubia	Crustacean
EC: 203-625-9	EC50	Not relevant		
1,2,4-trimethylbenzene	LC50	7,72 mg/L (96 h)	Pimephales promelas	Fish
CAS: 95-63-6	EC50	6,14 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-436-9	EC50	Not relevant		
1-methoxy-2-propanol	LC50	20800 mg/L (96 h)	Pimephales promelas	Fish
CAS: 107-98-2	EC50	23300 mg/L (48 h)	Daphnia magna	Crustacean
EC: 203-539-1	EC50	1000 mg/L (168 h)	Selenastrum capricornutum	Algae
Mesitylene	LC50	12,5 mg/L (96 h)	Carassius auratus	Fish
CAS: 108-67-8	EC50	50 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-604-4	EC50	53 mg/L (48 h)	Scenedesmus subspicatus	Algae
2-(2-butoxyethoxy)ethanol	LC50	1300 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 112-34-5	EC50	2850 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-961-6	EC50	53 mg/L (192 h)	Microcystis aeruginosa	Algae
Cumene	LC50	2,7 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 98-82-8	EC50	10,8 mg/L (48 h)	Daphnia magna	Crustacean
EC: 202-704-5	EC50	2,6 mg/L (72 h)	Selenastrum capricornutum	Algae

Chronic toxicity:

Identification	Concentration		Species	Genus
N-butyl acetate	NOEC	Not relevant		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Daphnia magna	Crustacean
Ethyl acetate	NOEC	9,65 mg/L	Pimephales promelas	Fish
CAS: 141-78-6 EC: 205-500-4	NOEC	2,4 mg/L	Daphnia magna	Crustacean
Xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
2-methylpropan-1-ol	NOEC	Not relevant		
CAS: 78-83-1 EC: 201-148-0	NOEC	20 mg/L	Daphnia magna	Crustacean
Ethylbenzene	NOEC	Not relevant		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean
Reaction mass of ethylbenzene and xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: Non-applicable EC: 905-588-0	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
Mesitylene	NOEC	0,277 mg/L	N/A	Fish
CAS: 108-67-8 EC: 203-604-4	NOEC	0,4 mg/L	Daphnia magna	Crustacean
Cumene	NOEC	0,38 mg/L	Pimephales promelas	Fish
CAS: 98-82-8 EC: 202-704-5	NOEC	0,35 mg/L	Daphnia magna	Crustacean
Reaction mass of ethylbenzene and xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: Non-applicable EC: 905-588-0	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Toluene	BOD5	2,5 g O2/g	Concentration	100 mg/L
CAS: 108-88-3	COD	Not relevant	Period	14 days
EC: 203-625-9	BOD5/COD	Not relevant	% Biodegradable	100 %

*** Changes with regards to the previous version*

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Degradability		Biodegradability	
N-butyl acetate	BOD5	Not relevant	Concentration	Not relevant
CAS: 123-86-4	COD	Not relevant	Period	5 days
EC: 204-658-1	BOD5/COD	Not relevant	% Biodegradable	84 %
Ethyl acetate	BOD5	1,36 g O2/g	Concentration	100 mg/L
CAS: 141-78-6	COD	1,69 g O2/g	Period	14 days
EC: 205-500-4	BOD5/COD	0,8	% Biodegradable	83 %
Xylene	BOD5	Not relevant	Concentration	Not relevant
CAS: 1330-20-7	COD	Not relevant	Period	28 days
EC: 215-535-7	BOD5/COD	Not relevant	% Biodegradable	88 %
propan-2-ol	BOD5	1,19 g O2/g	Concentration	100 mg/L
CAS: 67-63-0	COD	2,23 g O2/g	Period	14 days
EC: 200-661-7	BOD5/COD	0,53	% Biodegradable	86 %
2-methylpropan-1-ol	BOD5	0,4 g O2/g	Concentration	100 mg/L
CAS: 78-83-1	COD	2,41 g O2/g	Period	14 days
EC: 201-148-0	BOD5/COD	0,17	% Biodegradable	90 %
Ethylbenzene	BOD5	Not relevant	Concentration	100 mg/L
CAS: 100-41-4	COD	Not relevant	Period	14 days
EC: 202-849-4	BOD5/COD	Not relevant	% Biodegradable	90 %
Toluene	BOD5	2,5 g O2/g	Concentration	100 mg/L
CAS: 108-88-3	COD	Not relevant	Period	14 days
EC: 203-625-9	BOD5/COD	Not relevant	% Biodegradable	100 %
1,2,4-trimethylbenzene	BOD5	Not relevant	Concentration	100 mg/L
CAS: 95-63-6	COD	Not relevant	Period	28 days
EC: 202-436-9	BOD5/COD	Not relevant	% Biodegradable	18 %
1-methoxy-2-propanol	BOD5	Not relevant	Concentration	100 mg/L
CAS: 107-98-2	COD	Not relevant	Period	28 days
EC: 203-539-1	BOD5/COD	Not relevant	% Biodegradable	90 %
Mesitylene	BOD5	Not relevant	Concentration	100 mg/L
CAS: 108-67-8	COD	Not relevant	Period	14 days
EC: 203-604-4	BOD5/COD	Not relevant	% Biodegradable	0 %
2-(2-butoxyethoxy)ethanol	BOD5	0,25 g O2/g	Concentration	100 mg/L
CAS: 112-34-5	COD	2,08 g O2/g	Period	28 days
EC: 203-961-6	BOD5/COD	0,12	% Biodegradable	92 %
Cumene	BOD5	Not relevant	Concentration	100 mg/L
CAS: 98-82-8	COD	Not relevant	Period	14 days
EC: 202-704-5	BOD5/COD	Not relevant	% Biodegradable	40 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Toluene	BCF	90
CAS: 108-88-3	Pow Log	2.73
EC: 203-625-9	Potential	Moderate
N-butyl acetate	BCF	4
CAS: 123-86-4	Pow Log	1.78
EC: 204-658-1	Potential	Low
Ethyl acetate	BCF	30
CAS: 141-78-6	Pow Log	0.73
EC: 205-500-4	Potential	Moderate
Xylene	BCF	9
CAS: 1330-20-7	Pow Log	2.77
EC: 215-535-7	Potential	Low

*** Changes with regards to the previous version*

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Bioaccumulation potential	
propan-2-ol	BCF	3
CAS: 67-63-0	Pow Log	0.05
EC: 200-661-7	Potential	Low
2-methylpropan-1-ol	BCF	3
CAS: 78-83-1	Pow Log	0.76
EC: 201-148-0	Potential	Low
Ethylbenzene	BCF	1
CAS: 100-41-4	Pow Log	3.15
EC: 202-849-4	Potential	Low
Reaction mass of ethylbenzene and xylene	BCF	9
CAS: Non-applicable	Pow Log	2.77
EC: 905-588-0	Potential	Low
Toluene	BCF	90
CAS: 108-88-3	Pow Log	2.73
EC: 203-625-9	Potential	Moderate
1,2,4-trimethylbenzene	BCF	154
CAS: 95-63-6	Pow Log	3.78
EC: 202-436-9	Potential	High
1-methoxy-2-propanol	BCF	3
CAS: 107-98-2	Pow Log	-0.44
EC: 203-539-1	Potential	Low
Mesitylene	BCF	182
CAS: 108-67-8	Pow Log	3.42
EC: 203-604-4	Potential	High
2-(2-butoxyethoxy)ethanol	BCF	0.46
CAS: 112-34-5	Pow Log	0.56
EC: 203-961-6	Potential	Low
Cumene	BCF	120
CAS: 98-82-8	Pow Log	3.66
EC: 202-704-5	Potential	High
Reaction mass of ethylbenzene and xylene	BCF	9
CAS: Non-applicable	Pow Log	2.77
EC: 905-588-0	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Toluene	Koc	178	Henry	672,8 Pa·m³/mol
CAS: 108-88-3	Conclusion	Moderate	Dry soil	Yes
EC: 203-625-9	Surface tension	2,793E-2 N/m (25 ºC)	Moist soil	Yes
N-butyl acetate	Koc	Not relevant	Henry	Not relevant
CAS: 123-86-4	Conclusion	Not relevant	Dry soil	Not relevant
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 ºC)	Moist soil	Not relevant
Ethyl acetate	Koc	59	Henry	13,58 Pa·m³/mol
CAS: 141-78-6	Conclusion	Very High	Dry soil	Yes
EC: 205-500-4	Surface tension	2,324E-2 N/m (25 ºC)	Moist soil	Yes
Xylene	Koc	202	Henry	524,86 Pa·m³/mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Not relevant	Moist soil	Yes
propan-2-ol	Koc	1.5	Henry	8,207E-1 Pa·m³/mol
CAS: 67-63-0	Conclusion	Very High	Dry soil	Yes
EC: 200-661-7	Surface tension	2,24E-2 N/m (25 ºC)	Moist soil	Yes

*** Changes with regards to the previous version*

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Absorption/desorption		Volatility	
2-methylpropan-1-ol	Koc	Not relevant	Henry	Not relevant
CAS: 78-83-1	Conclusion	Not relevant	Dry soil	Not relevant
EC: 201-148-0	Surface tension	2,378E-2 N/m (25 ºC)	Moist soil	Not relevant
Ethylbenzene	Koc	520	Henry	798,44 Pa·m³/mol
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 ºC)	Moist soil	Yes
Toluene	Koc	178	Henry	672,8 Pa·m³/mol
CAS: 108-88-3	Conclusion	Moderate	Dry soil	Yes
EC: 203-625-9	Surface tension	2,793E-2 N/m (25 ºC)	Moist soil	Yes
1,2,4-trimethylbenzene	Koc	537	Henry	624,16 Pa·m³/mol
CAS: 95-63-6	Conclusion	Low	Dry soil	Yes
EC: 202-436-9	Surface tension	2,919E-2 N/m (25 ºC)	Moist soil	Yes
Mesitylene	Koc	1445	Henry	888,62 Pa·m³/mol
CAS: 108-67-8	Conclusion	Low	Dry soil	Yes
EC: 203-604-4	Surface tension	2,805E-2 N/m (25 ºC)	Moist soil	Yes
1,2,3-trimethylbenzene	Koc	Not relevant	Henry	Not relevant
CAS: 526-73-8	Conclusion	Not relevant	Dry soil	Not relevant
EC: 208-394-8	Surface tension	3,075E-2 N/m (25 ºC)	Moist soil	Not relevant
2-(2-butoxyethoxy)ethanol	Koc	48	Henry	7,2E-9 Pa·m³/mol
CAS: 112-34-5	Conclusion	Very High	Dry soil	No
EC: 203-961-6	Surface tension	3,395E-2 N/m (25 ºC)	Moist soil	No
Cumene	Koc	Not relevant	Henry	Not relevant
CAS: 98-82-8	Conclusion	Not relevant	Dry soil	Not relevant
EC: 202-704-5	Surface tension	2,769E-2 N/m (25 ºC)	Moist soil	Not relevant

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

*** Changes with regards to the previous version*

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP10 Toxic for reproduction, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

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SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:



14.1	**UN number or ID number:**	UN1263
14.2	**UN proper shipping name:**	PAINT
14.3	**Transport hazard class(es):**	3
	Labels:	3
14.4	**Packing group:**	III
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Special regulations:	163, 367, 650
	Tunnel restriction code:	D/E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



14.1	**UN number or ID number:**	UN1263
14.2	**UN proper shipping name:**	PAINT
14.3	**Transport hazard class(es):**	3
	Labels:	3
14.4	**Packing group:**	III
14.5	**Marine pollutant:**	No
14.6	**Special precautions for user**	
	Special regulations:	223, 955, 163, 367
	EmS Codes:	F-E, S-E
	Physico-Chemical properties:	see section 9
	Limited quantities:	5 L
	Segregation group:	Not relevant
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



14.1	**UN number or ID number:**	UN1263
14.2	**UN proper shipping name:**	PAINT
14.3	**Transport hazard class(es):**	3
	Labels:	3
14.4	**Packing group:**	III
14.5	**Environmental hazards:**	No
14.6	**Special precautions for user**	
	Physico-Chemical properties:	see section 9
14.7	**Maritime transport in bulk according to IMO instruments:**	Not relevant

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: *propan-2-ol (67-63-0) - PT: (1,2,4)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

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SECTION 15: REGULATORY INFORMATION (continued)

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000	50000

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:
—ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
—tricks and jokes,
—games for one or more participants, or any article intended to be used as such, even with ornamental aspects.
Contains Octamethylcyclotetrasiloxane, Decamethylcyclopentasiloxane. 1. | Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. | 2. | For the purposes of this entry, "wash-off cosmetic products" means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.'
Contains more than 0.1 % of Toluene by weight. Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
  Reaction mass of ethylbenzene and xylene
- Removed substances
  Xylene (1330-20-7)

Texts of the legislative phrases mentioned in section 2:

H336: May cause drowsiness or dizziness.
H315: Causes skin irritation.
H412: Harmful to aquatic life with long lasting effects.
H373: May cause damage to organs through prolonged or repeated exposure.
H361d: Suspected of damaging the unborn child.
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

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SECTION 16: OTHER INFORMATION (continued)

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Carc. 1B: H350 - May cause cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Repr. 2: H361d - Suspected of damaging the unborn child.
Skin Irrit. 2: H315 - Causes skin irritation.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

STOT SE 3: Calculation method
Skin Irrit. 2: Calculation method
Aquatic Chronic 3: Calculation method
STOT RE 2: Calculation method
Repr. 2: Calculation method
Flam. Liq. 2: Calculation method (2.6.4.3)
Eye Irrit. 2: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -