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

1.1 Product identifier: UBS

Other means of identification:

**UFI:** RDCG-P1GS-Q00G-F13Q

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

Relevant uses (Professional users): Car repair

For Professional users only.

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:

Troton Sp. z o.o. Ząbrowo 14A

78-120 Gościno - Zachodniopomorskie - Polska Phone: +48 94 35 123 94 - Fax: +48 94 35 126 22

troton@troton.com.pl www.troton.pl / www.troton.eu

**1.4 Emergency telephone number:** (8am-4pm)+48 094 35 123 94; 112

# **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:**

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly 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.

STOT SE 3: H336 - May cause drowsiness or dizziness.

# **Precautionary statements:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

### **Supplementary information:**

EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.





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# SECTION 2: HAZARDS IDENTIFICATION (continued)

# Substances that contribute to the classification

Xylene; Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics; Toluene

### Other hazards: 2.3

Product does not meet PBT/vPvB criteria

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

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

Not relevant

### 3.2 Mixture:

Chemical description: Mixture composed of chemical products

**Components:** 

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

	Identification		Chemical name/Classification	Concentration				
CAS:	1330-20-7	Xylene <sup>(1)</sup>	Self-classified					
	215-535-7 601-022-00-9 01-2119488216-32- XXXX	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:	Not relevant	Hydrocarbons, C7-C9	O,n-alkanes, iso-alkanes, cyclics <sup>(1)</sup> Self-classified					
EC: Index: REACH:	920-750-0 Not relevant 01-2119473851-33- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	10 - <25 %				
CAS:	108-88-3	Toluene <sup>(1)</sup>	ATP CLP00					
	203-625-9 601-021-00-3 01-2119471310-51- XXXX	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	5 - <10 %				
CAS:	13463-67-7	Titanium dioxide (ae	rodynamic diameter ≤ 10 μm) <sup>(1)</sup> ATP ATP14					
	236-675-5 022-006-00-2 01-2119489379-17- XXXX	Regulation 1272/2008	Carc. 2: H351 - Warning	1 - <2,5 %				
CAS:	110-82-7	cyclohexane(1)	ATP CLP00					
	203-806-2 501-017-00-1 01-2119463273-41- XXXX	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H336 - Danger	<1 %				
CAS:	100-41-4	Ethylbenzene(2)	Self-classified					
EC: Index: REACH:	202-849-4 601-023-00-4 01-2119489370-35- XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	<1 %				
CAS:	110-54-3	n-hexane(1)	ATP CLP00					
	203-777-6 601-037-00-0 01-2119480412-44- XXXX	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 2: H225; Repr. 2: H361f; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336 - Danger	<1 %				
CAS:	7664-38-2	Phosphoric acid(2)	ATP CLP00					
	231-633-2 015-011-00-6 01-2119485924-24- XXXX	Regulation 1272/2008	Skin Corr. 1B: H314 - Danger	<1 %				

<sup>(1)</sup> 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
n-hexane	
CAS: 110-54-3	% (w/w) >=5: STOT RE 2 - H373
EC: 203-777-6	





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

Identification	Specific concentration limit
CAS: 7664-38-2 EC: 231-633-2	% (w/w) >=25: Skin Corr. 1B - H314 10<= % (w/w) <25: Skin Irrit. 2 - H315 % (w/w) >=25: Eye Dam. 1 - H318 10<= % (w/w) <25: Eye Irrit. 2 - H319

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 vapour	17 mg/L	Rat
Ethylbenzene	LD50 oral	Not relevant	
	LD50 dermal	Not relevant	
EC: 202-849-4	LC50 inhalation vapour	17,2 mg/L	Rat

# 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:

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:

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# SECTION 5: FIREFIGHTING MEASURES (continued)

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

### 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:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

# 6.4 Reference to other sections:

See sections 8 and 13.

# 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

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# SECTION 7: HANDLING AND STORAGE (continued)

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.: 15 °C

Maximum Temp.: 25 °C

Maximum time: 12 Months

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):

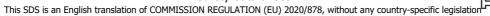
Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

	Identification	Occupational exposure limits		
Xylene (1)		IOELV (8h)	50 ppm	221 mg/m <sup>3</sup>
CAS: 1330-20-7	EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m <sup>3</sup>
Toluene (1)		IOELV (8h)	50 ppm	192 mg/m <sup>3</sup>
CAS: 108-88-3	EC: 203-625-9	IOELV (STEL)	100 ppm	384 mg/m <sup>3</sup>
cyclohexane		IOELV (8h)	200 ppm	700 mg/m <sup>3</sup>
CAS: 110-82-7	EC: 203-806-2	IOELV (STEL)		
Ethylbenzene (1)		IOELV (8h)	100 ppm	442 mg/m <sup>3</sup>
CAS: 100-41-4	EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m <sup>3</sup>
n-hexane		IOELV (8h)	20 ppm	72 mg/m <sup>3</sup>
CAS: 110-54-3	EC: 203-777-6	IOELV (STEL)		
Phosphoric acid		IOELV (8h)		1 mg/m³
CAS: 7664-38-2	EC: 231-633-2	IOELV (STEL)		2 mg/m <sup>3</sup>

<sup>(1)</sup> Skin

### **DNEL (Workers):**

		Short exposure		Long exposure	
Identification	Systemic	Local	Systemic	Local	
Xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 215-535-7	Inhalation	442 mg/m³	442 mg/m³	221 mg/m³	221 mg/m <sup>3</sup>
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Not relevant	Dermal	Not relevant	Not relevant	773 mg/kg	Not relevant
EC: 920-750-0	Inhalation	Not relevant	Not relevant	2035 mg/m <sup>3</sup>	Not relevant
Toluene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 108-88-3	Dermal	Not relevant	Not relevant	384 mg/kg	Not relevant
EC: 203-625-9	Inhalation	384 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>	192 mg/m³	192 mg/m³





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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

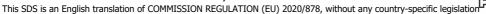
		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
cyclohexane	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 110-82-7	Dermal	Not relevant	Not relevant	2016 mg/kg	Not relevant
EC: 203-806-2	Inhalation	1400 mg/m <sup>3</sup>	1400 mg/m <sup>3</sup>	700 mg/m <sup>3</sup>	700 mg/m <sup>3</sup>
Ethylbenzene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 100-41-4	Dermal	Not relevant	Not relevant	180 mg/kg	Not relevant
EC: 202-849-4	Inhalation	Not relevant	293 mg/m <sup>3</sup>	77 mg/m³	Not relevant
n-hexane	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 110-54-3	Dermal	Not relevant	Not relevant	11 mg/kg	Not relevant
EC: 203-777-6	Inhalation	Not relevant	Not relevant	75 mg/m <sup>3</sup>	Not relevant
Phosphoric acid	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 7664-38-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 231-633-2	Inhalation	Not relevant	2 mg/m³	10,7 mg/m <sup>3</sup>	1 mg/m³

# **DNEL (General population):**

			Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local	
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/m <sup>3</sup>	260 mg/m <sup>3</sup>	65,3 mg/m <sup>3</sup>	65,3 mg/m <sup>3</sup>	
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	Oral	Not relevant	Not relevant	699 mg/kg	Not relevant	
CAS: Not relevant	Dermal	Not relevant	Not relevant	699 mg/kg	Not relevant	
EC: 920-750-0	Inhalation	Not relevant	Not relevant	608 mg/m <sup>3</sup>	Not relevant	
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/m <sup>3</sup>	226 mg/m <sup>3</sup>	56,5 mg/m <sup>3</sup>	56,5 mg/m <sup>3</sup>	
cyclohexane	Oral	Not relevant	Not relevant	59,4 mg/kg	Not relevant	
CAS: 110-82-7	Dermal	Not relevant	Not relevant	1186 mg/kg	Not relevant	
EC: 203-806-2	Inhalation	412 mg/m <sup>3</sup>	412 mg/m <sup>3</sup>	206 mg/m <sup>3</sup>	206 mg/m <sup>3</sup>	
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/m <sup>3</sup>	Not relevant	
n-hexane	Oral	Not relevant	Not relevant	4 mg/kg	Not relevant	
CAS: 110-54-3	Dermal	Not relevant	Not relevant	5,3 mg/kg	Not relevant	
EC: 203-777-6	Inhalation	Not relevant	Not relevant	16 mg/m <sup>3</sup>	Not relevant	
Phosphoric acid	Oral	Not relevant	Not relevant	0,1 mg/kg	Not relevant	
CAS: 7664-38-2	Dermal	Not relevant	Not relevant	Not relevant	Not relevant	
EC: 231-633-2	Inhalation	Not relevant	Not relevant	4,57 mg/m <sup>3</sup>	0,36 mg/m <sup>3</sup>	

# PNEC:

Identification				
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
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
cyclohexane	STP	3,24 mg/L	Fresh water	0,207 mg/L
CAS: 110-82-7	Soil	3,38 mg/kg	Marine water	0,207 mg/L
EC: 203-806-2	Intermittent	0,207 mg/L	Sediment (Fresh water)	16,68 mg/kg
	Oral	Not relevant	Sediment (Marine water)	16,68 mg/kg





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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
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

### 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

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours (Filter type: A)	CAT III	EN 405:2002+A1:2010	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

# C.- Specific protection for the hands

Pictogram	Pictogram PPE		CEN Standard	Remarks
Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

# D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Face shield	CATII	EN 166:2002 UNE-EN ISO 18526-1 al 4:2020 UNE-EN ISO 18526-1 al 4:2020 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

# E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	CAT III	EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2005/A1:2011 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1995	For professional use only. Clean periodically according to the manufacturer's instructions.
Mandatory foot protection	Safety footwear for protection against chemical risk, with antistatic and heat resistant properties	CAT III	EN ISO 13287:2020 EN ISO 20345:2022 EN 13832-1:2019	Replace boots at any sign of deterioration.

### F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.





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# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Emergency measure	Standards	Emergency measure	Standards
<b>^+</b>	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	<b>-</b>	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

### **Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

# Volatile organic compounds:

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

V.O.C. (Supply): 37,85 % weight
V.O.C. density at 20 °C: 430 kg/m³ (430 g/L)

Average carbon number: 7,77

Average molecular weight: 103,79 g/mol

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Colour:

Odour:

Characteristic

Not relevant \*

Volatility:

Boiling point at atmospheric pressure: 125 °C Vapour pressure at 20 °C: 1938 Pa

Vapour pressure at 50 °C: 8887,68 Pa (8,89 kPa)

Evaporation rate at 20 °C: Not relevant \*

**Product description:** 

1280 kg/m<sup>3</sup> Density at 20 °C: Relative density at 20 °C: 1,267 Dynamic viscosity at 20 °C: 2600 mPa·s Kinematic viscosity at 20 °C: Not relevant \* Kinematic viscosity at 40 °C: Not relevant \* Concentration: Not relevant \* pH: Not relevant \* Vapour density at 20 °C: Not relevant \* Partition coefficient n-octanol/water 20 °C: Not relevant \* Solubility in water at 20 °C: Not relevant \* Solubility properties: Not relevant \* Decomposition temperature: Not relevant \* Melting point/freezing point: Not relevant \*

Flammability:

\*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)

Flash Point: 15 °C

Flammability (solid, gas): Not relevant \* 234 °C Autoignition temperature: Lower flammability limit: Not relevant \* Upper flammability limit: Not relevant \*

**Particle characteristics:** 

Median equivalent diameter: Not relevant \*

### 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 Not relevant \* components:

Other safety characteristics:

Surface tension at 20 °C: Not relevant \* Refraction index: Not relevant \*

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

# 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<sub>2</sub>), 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

# **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:

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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

# 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 does contain substances classified as hazardous for this effect. 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.
  - 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.

### 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:

CAS 13463-67-7 Titanium dioxide (aerodynamic diameter  $\leq 10~\mu m$ ): The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10~\mu m$ 

# Specific toxicology information on the substances:

Identification	Acute toxic	ty	Genus
Xylene	LD50 oral	2100 mg/kg	Rat
CAS: 1330-20-7	LD50 dermal	1100 mg/kg	Rat
EC: 215-535-7	LC50 inhalation vapour	17 mg/L	Rat
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	LD50 oral	>2000 mg/kg	
CAS: Not relevant EC: 920-750-0	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Titanium dioxide (aerodynamic diameter ≤ 10 μm)	LD50 oral	10000 mg/kg	Rat
CAS: 13463-67-7	LD50 dermal	10000 mg/kg	Rabbit
EC: 236-675-5	LC50 inhalation dust	>5 mg/L	





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# SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Identification		Acute tox	icity	Genus
Toluene		LD50 oral	5580 mg/kg	Rat
CAS: 108-88-3		LD50 dermal	12124 mg/kg	Rat
EC: 203-625-9		LC50 inhalation vapour	28,1 mg/L (4 h)	Rat
cyclohexane		LD50 oral	5100 mg/kg	Rat
CAS: 110-82-7 EC: 203-806-2	LD50 dermal	>2000 mg/kg		
		LC50 inhalation vapour	>20 mg/L	
Ethylbenzene CAS: 100-41-4		LD50 oral	3500 mg/kg	Rat
		LD50 dermal	15354 mg/kg	Rabbit
EC: 202-849-4		LC50 inhalation vapour	17,2 mg/L	Rat
n-hexane		LD50 oral	>5000 mg/kg	Mouse
CAS: 110-54-3		LD50 dermal	>5000 mg/kg	Rabbit
EC: 203-777-6		LC50 inhalation vapour	>20 mg/L	
Phosphoric acid		LD50 oral	3500 mg/kg	Rat
CAS: 7664-38-2		LD50 dermal	2470 mg/kg	Rabbit
EC: 231-633-2		LC50 inhalation dust	>5 mg/L	

# **Acute Toxicity Estimate (ATE mix):**

	ATE mix		
Oral >2000 mg/kg (Calculation method)		0 %	
Dermal 7211,7 mg/kg (Calculation method)		0 %	
LC50 inhalation vapour	111,45 mg/L (4 h) (Calculation method)	0 %	

# 11.2 Information on other hazards:

# **Endocrine disrupting properties**

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

# Other information

Not relevant

# 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
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
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: Not relevant	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: 920-750-0	EC50	>1 - 10 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		
cyclohexane	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 110-82-7	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 203-806-2	EC50	>0.1 - 1 mg/L (72 h)		Algae
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

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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Identification Concentration		Species	Genus
n-hexane	LC50	4 mg/L (96 h)	Carassius auratus	Fish
CAS: 110-54-3	EC50	Not relevant		
EC: 203-777-6	EC50	Not relevant		

# **Chronic toxicity:**

Identification		Concentration	Species	Genus
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
Ethylbenzene	NOEC	Not relevant		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean

# 12.2 Persistence and degradability:

# **Substance-specific information:**

Identification	Degr	adability	Biodegradal	oility
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 %
Hydrocarbons, C7-C9,n-alkanes, iso-alkanes, cyclics	BOD5	Not relevant	Concentration	Not relevant
CAS: Not relevant	COD	Not relevant	Period	28 days
EC: 920-750-0	BOD5/COD	Not relevant	% Biodegradable	98 %
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 %
cyclohexane	BOD5	Not relevant	Concentration	100 mg/L
CAS: 110-82-7	COD	Not relevant	Period	28 days
EC: 203-806-2	BOD5/COD	Not relevant	% Biodegradable	0 %
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 %
n-hexane	BOD5	Not relevant	Concentration	100 mg/L
CAS: 110-54-3	COD	Not relevant	Period	14 days
EC: 203-777-6	BOD5/COD	Not relevant	% Biodegradable	100 %

# 12.3 Bioaccumulative potential:

# **Substance-specific information:**

	Identification	Bioaccumulation potential	
Xylene		BCF	9
CAS: 1330-20-7		Pow Log	2.77
EC: 215-535-7		Potential	Low
Toluene		BCF	90
		Pow Log	2.73
		Potential	Moderate
cyclohexane		BCF	66
CAS: 110-82-7		Pow Log	3.44
EC: 203-806-2		Potential	Moderate
Ethylbenzene		BCF	1
		Pow Log	3.15
		Potential	Low
n-hexane		BCF	542
CAS: 110-54-3		Pow Log	3.9
EC: 203-777-6		Potential	High

# 12.4 Mobility in soil:





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# SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Absorp	Absorption/desorption		Volatility	
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	
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 °C)	Moist soil	Yes	
cyclohexane	Koc	Not relevant	Henry	Not relevant	
CAS: 110-82-7	Conclusion	Not relevant	Dry soil	Not relevant	
EC: 203-806-2	Surface tension	2,465E-2 N/m (25 °C)	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 °C)	Moist soil	Yes	
n-hexane	Koc	150	Henry	185425 Pa·m³/mol	
CAS: 110-54-3	Conclusion	High	Dry soil	Yes	
EC: 203-777-6	Surface tension	1,798E-2 N/m (25 °C)	Moist soil	Yes	

# 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

# SECTION 13: DISPOSAL CONSIDERATIONS

# 13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	waste paint and varnish containing organic solvents or other hazardous substances packaging containing residues of or contaminated by 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

# **SECTION 14: TRANSPORT INFORMATION**

### Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:





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# SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number or ID number: UN1263 14.2 UN proper shipping name: **PAINT** 14.3 Transport hazard class(es): 3 Labels:

ΙΙ 14.4 Packing group: 14.5 Environmental hazards: 14.6 Special precautions for user

> Special regulations: 163, 367, 640D, 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 3 Labels: 14.4 Packing group: ΙΙ 14.5 Marine pollutant: No

14.6 Special precautions for user

Special regulations: 367, 163 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 Not relevant according to IMO

# 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 3 Labels: 14.4 Packing group: Π 14.5 Environmental hazards: Nο 14.6 Special precautions for user

Physico-Chemical properties: see section 9 14.7 Maritime transport in bulk

according to IMO

instruments:

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: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, 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 ....):

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.

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.

### 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.:

Not relevant

# Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H373: May cause damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

H336: May cause drowsiness or dizziness.

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 Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. 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. 2: H351 - Suspected of causing cancer (Inhalation).

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Lig. 3: H226 - Flammable liquid and vapour.

Repr. 2: H361d - Suspected of damaging the unborn child.

Repr. 2: H361f - Suspected of damaging fertility.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

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:

Skin Irrit. 2: Calculation method STOT RE 2: Calculation method Aguatic Chronic 3: Calculation method STOT SE 3: 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.