Safety data sheet This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

KMK

UFT:

# KMK 3504B HS 2K 4\_1 WHITE PRIMER



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

## **1.1 Product identifier:** KM

### KMK 3504B HS 2K 4\_1 WHITE PRIMER

## Other means of identification:

6PV4-NP6U-H007-3YCY

# **1.2** Relevant identified uses of the substance or mixture and uses advised against: Relevant uses: Bicomponent base. For professional users/industrial user 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:

Kimakem srl Via Don G. Fortuna 82 36050 Monteviale - Vicenza - Italia Phone: +39 0444 1220020 info@kimakem.com

1.4 Emergency telephone number: +39 0444 1220020 (Monday to Friday 8:30 -17:30 GMT +1:00)

## 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 Flam. Liq. 3: Flammable liquids, Category 3, H226

## 2.2 Label elements:

## CLP Regulation (EC) No 1272/2008:



### Hazard statements:

H226 - Flammable liquid and vapour.

H412 - Harmful to aquatic life with long lasting effects.

### **Precautionary statements:**

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

P233: Keep container tightly closed.

P280: Wear protective gloves/protective clothing/eye protection/protective footwear.

P370+P378: In case of fire: Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

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.

**UFI:** 6PV4-NP6U-H007-3YCY

## 2.3 Other hazards:

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:

Non-applicable

3.2 Mixture:

\*\* Changes with regards to the previous version



# This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation KMK 3504B HS 2K 4\_1 WHITE PRIMER



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

#### **Chemical description:** Mixture composed of additives, pigments and resins in solvents

#### Components:

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

	Identification		Chemical name/Classification	Concentration	
	7727-43-7 231-784-4 Non-applicable 01-2119491274-35- XXXX	Barium Sulfate <sup>(1)</sup> Regulation 1272/2008	Not classified	10 - <25 %	
CAS: EC:	123-86-4 204-658-1	N-butyl acetate <sup>(2)</sup>	ATP CLP00		
Index:	607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	5 - <10 %	
CAS:	1330-20-7	Xylene <sup>(2)</sup>	Self-classified		
REACH:	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	5 - <10 %	
CAS:	64742-95-6	Hydrocarbons, C9, a	romatics <sup>(2)</sup> Self-classified		
	Non-applicable Non-applicable Non-applicable	Regulation 1272/2008	Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	2,5 - <5 %	
CAS: EC:	100-41-4 202-849-4	Ethylbenzene <sup>(2)</sup> Self-classified			
Index: REACH:	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 - <2,5 %	
	108-65-6	2-methoxy-1-methy	ethyl acetate <sup>(2)</sup> Self-classified		
	203-603-9 607-195-00-7 01-2119475791-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	1 - <2,5 %	
	77-99-6	Propylidynetrimetha	nol <sup>(2)</sup> Self-classified		
	201-074-9 Non-applicable : 01-2119486799-10- XXXX	Regulation 1272/2008	Repr. 2: H361fd - Warning	0,1 - <0,3 %	
	7631-86-9	Silicon dioxide (RCS	< 1%) <sup>(1)</sup> Not classified		
	231-545-4 Non-applicable 01-2119379499-16- XXXX	Regulation 1272/2008		0,01 - <0,1 %	
CAS:	108-88-3	Toluene <sup>(1)</sup>	Self-classified		
	203-625-9 601-021-00-3 01-2119471310-51- XXXX	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	0,01 - <0,1 %	

(1) Substance with a Union workplace exposure limit

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

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	Acut	Acute toxicity		
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)		

\*\* 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:** 





## SECTION 4: FIRST AID MEASURES (continued)

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

### 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:

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.





## SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

#### 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.

## 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

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 °C
Maximum Temp.:	30 °C

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	Occupa	Occupational exposure limits			
Barium Sulfate	IOELV (8h)		0,5 mg/m <sup>3</sup>		
CAS: 7727-43-7 EC: 231-784-4	IOELV (STEL)				
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m <sup>3</sup>		
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m <sup>3</sup>		
Xylene <sup>(1)</sup>	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>		
Ethylbenzene (1)	IOELV (8h)	100 ppm	442 mg/m <sup>3</sup>		





# 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	Occupa	pational exposure limits		
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m <sup>3</sup>	
2-methoxy-1-methylethyl acetate (1)	IOELV (8h)	50 ppm	275 mg/m <sup>3</sup>	
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m <sup>3</sup>	
Silicon dioxide (RCS < 1%)	IOELV (8h)		0,1 mg/m <sup>3</sup>	
CAS: 7631-86-9 EC: 231-545-4	IOELV (STEL)			
Toluene <sup>(1)</sup>	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>	

<sup>(1)</sup> Skin

## DNEL (Workers):

		Short	exposure	Long	exposure
Identification		Systemic	Local	Systemic	Local
Barium Sulfate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 7727-43-7	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 231-784-4	Inhalation	Not relevant	Not relevant	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
N-butyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 123-86-4	Dermal	11 mg/kg	Not relevant	11 mg/kg	Not relevant
EC: 204-658-1	Inhalation	600 mg/m <sup>3</sup>	600 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>	300 mg/m <sup>3</sup>
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/m <sup>3</sup>	442 mg/m <sup>3</sup>	221 mg/m <sup>3</sup>	221 mg/m <sup>3</sup>
Hydrocarbons, C9, aromatics	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 64742-95-6	Dermal	Not relevant	Not relevant	25 mg/kg	Not relevant
EC: Non-applicable	Inhalation	Not relevant	Not relevant	150 mg/m <sup>3</sup>	Not relevant
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
2-methoxy-1-methylethyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 108-65-6	Dermal	Not relevant	Not relevant	796 mg/kg	Not relevant
EC: 203-603-9	Inhalation	Not relevant	550 mg/m <sup>3</sup>	275 mg/m <sup>3</sup>	Not relevant
Propylidynetrimethanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 77-99-6	Dermal	Not relevant	Not relevant	0,94 mg/kg	Not relevant
EC: 201-074-9	Inhalation	Not relevant	Not relevant	3,3 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/m <sup>3</sup>	192 mg/m <sup>3</sup>

## DNEL (General population):

		Short e	xposure	Long e	xposure
Identification		Systemic	Local	Systemic	Local
Barium Sulfate	Oral	Not relevant	Not relevant	13000 mg/kg	Not relevant
CAS: 7727-43-7	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 231-784-4	Inhalation	Not relevant	Not relevant	10 mg/m <sup>3</sup>	Not relevant
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/m <sup>3</sup>	300 mg/m <sup>3</sup>	35,7 mg/m <sup>3</sup>	35,7 mg/m <sup>3</sup>
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, C9, aromatics	Oral	Not relevant	Not relevant	11 mg/kg	Not relevant
CAS: 64742-95-6	Dermal	Not relevant	Not relevant	11 mg/kg	Not relevant
EC: Non-applicable	Inhalation	Not relevant	Not relevant	32 mg/m <sup>3</sup>	Not relevant





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

		Short	exposure	Lon	g exposure	
Identification		Systemic	Local	Systemic	Local	
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	
2-methoxy-1-methylethyl acetate	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant	
CAS: 108-65-6	Dermal	Not relevant	Not relevant	320 mg/kg	Not relevant	
EC: 203-603-9	Inhalation	Not relevant	Not relevant	33 mg/m <sup>3</sup>	33 mg/m <sup>3</sup>	
Propylidynetrimethanol	Oral	Not relevant	Not relevant	0,34 mg/kg	Not relevant	
CAS: 77-99-6	Dermal	Not relevant	Not relevant	0,34 mg/kg	Not relevant	
EC: 201-074-9	Inhalation	Not relevant	Not relevant	0,58 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>	
PNEC:					-	
Identification						
Barium Sulfate	STP	62,2 mg/L	Fresh water		),115 mg/L	
CAS: 7727-43-7	Soil	207,7 mg/kg	Marine water		Not relevant	
EC: 231-784-4	Intermittent	Not relevant	Sediment (Fresh water)		600,4 mg/kg	
	Oral	Not relevant	Sediment (Marin	e water)	Not relevant	
N-butyl acetate	STP	35,6 mg/L	Fresh water		),18 mg/L	
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water		),018 mg/L	
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh	water)	),981 mg/kg	
	Oral	Not relevant	Sediment (Marin	e water)	),098 mg/kg	
Xylene	STP	6,58 mg/L	Fresh water		),327 mg/L	
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	(	),327 mg/L	
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh	water)	12,46 mg/kg	
	Oral	Not relevant	Sediment (Marin	e water)	12,46 mg/kg	
Ethylbenzene	STP	9,6 mg/L	Fresh water	(	),1 mg/L	
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water	(	),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 (Marin	e water)	1,37 mg/kg	
2-methoxy-1-methylethyl acetate	STP	100 mg/L	Fresh water	(	),635 mg/L	
CAS: 108-65-6	Soil	0,29 mg/kg	Marine water		),064 mg/L	
EC: 203-603-9	Intermittent	6,35 mg/L	Sediment (Fresh	water)	3,29 mg/kg	
	Oral	Not relevant	Sediment (Marin	e water)	),329 mg/kg	
Toluene	STP	13,61 mg/L	Fresh water		),68 mg/L	
CAS: 108-88-3	Soil	2,89 mg/kg	Marine water		),68 mg/L	
EC: 203-625-9	Intermittent	0,68 mg/L	Sediment (Fresh	water)	16,39 mg/kg	
	Oral	Not relevant	Sediment (Marin	e water)	16,39 mg/kg	

## 8.2 Exposure controls:

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

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more 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





CTION	8: EXPOSURE	CONTR	OLS/PERSON/	AL PROTECT	[ON (	continued)		
	Pictogram		PPE	Labelling		CEN Standard		Remarks
	Mandatory hand protection	(Material: polyet Breakthr	l protective gloves Linear low-density hylene (LLDPE), ough time: > 480 kness: 0.062 mm)		E	N ISO 21420:2020	Repl	ace the gloves at any sign of deterioration.
							rial car	n not be calculated in advance with
	total reliability and Eye and face prot		erefore to be che	cked prior to th	ne app	lication.		
D	, .	ection	005	1.1.10				D Le
	Pictogram		PPE	Labelling		CEN Standard		Remarks
	Mandatory face protection		nic glasses against sh/projections.		E	EN 166:2002 IN ISO 4007:2018		daily and disinfect periodically according to anufacturer's instructions. Use if there is a risk of splashing.
E	Body protection							
	Pictogram		PPE	Labelling		CEN Standard		Remarks
	Mandatory complete body protection		tic and fireproof ective clothing	CAT III	E	EN 1149-1:2006 EN 1149-2:1997 EN 1149-3:2004 EN 168:2002 N ISO 14116:2015 EN 1149-5:2018		Limited protection against flames.
	Mandatory foot protection	antistatic	/ footwear with and heat resistant properties			N ISO 13287:2020 N ISO 20345:2011	Re	place boots at any sign of deterioration.
F	Additional emerge	ency mea	isures					
	Emergency mea	isure	St	andards		Emergency measu	ire	Standards
	Emergency sho	ower		5I Z358-1 11, ISO 3864-4:20	11	Eyewash station	S	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
En	vironmental exp	osure c	ontrols:					
spil		roduct a	nd its container.			he environment it is ation see subsection		nmended to avoid environmental
Wit	h regard to Direct	ive 2010,	/75/EU, this proc	luct has the fol	lowing	characteristics:		
	V.O.C. (Supply):		21 %	weight				
	V.O.C. density at	20 ºC:	357 k	g/m³ (357 g/L	.)			
	Average carbon n	umber:	7,28					
	Average molecula	r weight	: 113,9	2 g/mol				
Wit	h regard to Direct	ive 2004,	/42/EC, this proc	luct which is re	ady to	use has the followi	ng cha	aracteristics:
	V.O.C. density at	20 ºC:	540 k	g/m³ (540 g/L	.)			
	EU limit for the pr	oduct (C	at. B.C): 540 g/	'L (2010)				

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

## Appearance:

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





SECT	TON 9: PHYSICAL AND CHEMICAL PROPERTIES	(continued)
OECI	Physical state at 20 °C:	Liquid
	Appearance:	Fluid
	Colour:	White
	Odour:	Characteristic
	Odour threshold:	Not relevant *
	Volatility:	Not relevant
	Boiling point at atmospheric pressure:	111 - 2230 °C
	Vapour pressure at 20 °C:	852 Pa
	Vapour pressure at 50 °C:	4385,93 Pa (4,39 kPa)
	Evaporation rate at 20 °C:	Not relevant *
	Product description:	
	Density at 20 °C:	1700 kg/m³
	Relative density at 20 °C:	1,7
	Dynamic viscosity at 20 °C:	105000 cP
	Kinematic viscosity at 20 °C:	Not relevant *
	Kinematic viscosity at 40 °C:	Not relevant *
	Concentration:	Not relevant *
	pH:	Not relevant *
	Vapour density at 20 ºC:	Not relevant *
	Partition coefficient n-octanol/water 20 °C:	Not relevant *
	Solubility in water at 20 °C:	Not relevant *
	Solubility properties:	Immiscible
	Decomposition temperature:	Not relevant *
	Melting point/freezing point:	Not relevant *
	Flammability:	
	Flash Point:	27 °C
	Flammability (solid, gas):	Not relevant *
	Autoignition temperature:	315 °C
	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 class	ses:
	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 infor	mation property of its hazards.

# SECTION 10: STABILITY AND REACTIVITY



## SECTION 10: STABILITY AND REACTIVITY (continued)

### 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

#### 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: 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.
- 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: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
  - Contact with the eyes: 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.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
  - Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
  - IARC: Xylene (3); Hydrocarbons, C9, aromatics (3); Ethylbenzene (2B); Toluene (3); Talc (3); Titanium dioxide (2B)
  - 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: 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.
- E- Sensitizing effects:

\*\* Changes with regards to the previous version





# SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

- 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:

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.

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

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

- 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	A	Acute toxicity		
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	
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)		
Hydrocarbons, C9, aromatics	LD50 oral	>2000 mg/kg		
CAS: 64742-95-6	LD50 dermal	>2000 mg/kg		
EC: Non-applicable	LC50 inhalation	>20 mg/L		
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	
2-methoxy-1-methylethyl acetate	LD50 oral	8532 mg/kg	Rat	
CAS: 108-65-6	LD50 dermal	>5000 mg/kg	Rat	
EC: 203-603-9	LC50 inhalation	30 mg/L (4 h)	Rat	
Barium Sulfate	LD50 oral	>5000 mg/kg	Rat	
CAS: 7727-43-7	LD50 dermal	>2000 mg/kg		
EC: 231-784-4	LC50 inhalation	>5 mg/L		
Propylidynetrimethanol	LD50 oral	>2000 mg/kg		
CAS: 77-99-6	LD50 dermal	>2000 mg/kg		
EC: 201-074-9	LC50 inhalation	>5 mg/L		
Silicon dioxide (RCS < 1%)	LD50 oral	>5000 mg/kg	Rat	
CAS: 7631-86-9	LD50 dermal	5100 mg/kg	Rabbit	
EC: 231-545-4	LC50 inhalation	>5 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	

### 11.2 Information on other hazards:

## **Endocrine disrupting properties**

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

**Other information** 

\*\* Changes with regards to the previous version





# SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

### 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
Barium Sulfate	LC50	76000 mg/L (96 h)	Salmo gairdneri	Fish
CAS: 7727-43-7	EC50	Not relevant		
EC: 231-784-4	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
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, C9, aromatics	LC50	>1 - 10 mg/L (96 h)		Fish
CAS: 64742-95-6	EC50	>1 - 10 mg/L (48 h)		Crustacean
EC: Non-applicable	EC50	>1 - 10 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
2-methoxy-1-methylethyl acetate	LC50	161 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-65-6	EC50	481 mg/L (48 h)	Daphnia sp.	Crustacean
EC: 203-603-9	EC50	Not relevant		
Silicon dioxide (RCS < 1%)	LC50	5000 mg/L (96 h)	Brachydanio rerio	Fish
CAS: 7631-86-9	EC50	10000 mg/L (24 h)	Daphnia magna	Crustacean
EC: 231-545-4	EC50	440 mg/L (72 h)	Selenastrum capricornutum	Algae
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		

## Chronic toxicity:

Identification		Concentration	Species	Genus	
Barium Sulfate	NOEC	100 mg/L	Danio rerio	Fish	
CAS: 7727-43-7 EC: 231-784-4	NOEC	Not relevant			
N-butyl acetate	NOEC	Not relevant			
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 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	
Ethylbenzene	NOEC	Not relevant			
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean	
2-methoxy-1-methylethyl acetate	NOEC	47,5 mg/L	Oryzias latipes	Fish	
CAS: 108-65-6 EC: 203-603-9	NOEC	100 mg/L	Daphnia magna	Crustacean	

# 12.2 Persistence and degradability:

Substance-specific information:

\*\* Changes with regards to the previous version





# SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

Identification	De	egradability	Biod	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 %		
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 %		
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 %		
2-methoxy-1-methylethyl acetate	BOD5	Not relevant	Concentration	785 mg/L		
CAS: 108-65-6	COD	Not relevant	Period	8 days		
EC: 203-603-9	BOD5/COD	Not relevant	% Biodegradable	100 %		
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 %		

## 12.3 Bioaccumulative potential:

## Substance-specific information:

Identification		Bioaccumulation potential		
N-butyl acetate		BCF	4	
CAS: 123-86-4		Pow Log	1.78	
EC: 204-658-1		Potential	Low	
Xylene		BCF	9	
CAS: 1330-20-7		Pow Log	2.77	
EC: 215-535-7		Potential	Low	
Ethylbenzene		BCF	1	
CAS: 100-41-4		Pow Log	3.15	
EC: 202-849-4		Potential	Low	
2-methoxy-1-methylethyl acetate		BCF	1	
CAS: 108-65-6		Pow Log	0.43	
EC: 203-603-9		Potential	Low	
Toluene		BCF	90	
CAS: 108-88-3		Pow Log	2.73	
EC: 203-625-9		Potential	Moderate	

## 12.4 Mobility in soil:

Identification	Absorp	Absorption/desorption		Volatility	
N-butyl acetate	Кос	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 °C)	Moist soil	Not relevant	
Xylene	Кос	202	Henry	524,86 Pa·m <sup>3</sup> /mol	
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes	
EC: 215-535-7	Surface tension	Not relevant	Moist soil	Yes	
Ethylbenzene	Кос	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	
Propylidynetrimethanol	Кос	Not relevant	Henry	Not relevant	
CAS: 77-99-6	Conclusion	Not relevant	Dry soil	Not relevant	
EC: 201-074-9	Surface tension	2,357E-2 N/m (246,93 °C)	Moist soil	Not relevant	
Toluene	Кос	178	Henry	672,8 Pa·m <sup>3</sup> /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	

# 12.5 Results of PBT and vPvB assessment:

\*\* Changes with regards to the previous version





# SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)

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

### 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:

	14.1	UN number or ID number:	UN1263
	14.2	UN proper shipping name:	PAINT
	14.3	Transport hazard class(es):	3
$\simeq$ >		Labels:	3
	14.4	Packing group:	III
3	14.5	Environmental hazards:	No
Ť	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
ansport of da	angero	us goods by sea:	
L	100 44	22	

With regard to IMDG 41-22:

- CONTINUED ON NEXT PAGE -

Tra





SECTION 14: TRANSPORT	INFORMATION (continued)	
	UN number or ID number: UN proper shipping name:	UN1263 PAINT
14.3	Transport hazard class(es):	3
	Labels:	3
14.4	Packing group:	III
3 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 dangero	us goods by air:	
With regard to IATA/ICA	AO 2024:	
	UN number or ID number:	UN1263
	UN proper shipping name:	PAINT
	Transport hazard class(es): Labels:	3
3 14.4	Packing group:	5 III
· · · · · · · · · · · · · · · · · · ·	Environmental hazards:	No
	Special precautions for user	
14.0		see section 9
	Physico-Chemical properties:	
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: Silicon dioxide (RCS < 1%) (7631-86-9) PT: (18)
- 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

#### 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.

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

#### 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:**





# SECTION 15: REGULATORY INFORMATION (continued)

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
Silicon dioxide (RCS < 1%) (7631-86-9)</li>
Barium Sulfate (7727-43-7)

## Texts of the legislative phrases mentioned in section 2:

H412: Harmful to aquatic life with long lasting effects.

H226: Flammable liquid and vapour.

## 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:

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.

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.

Repr. 2: H361fd - Suspected of damaging fertility. 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:

Aquatic Chronic 3: Calculation method

Flam. Liq. 3: Calculation method (2.6.4.3)

#### 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:





## SECTION 16: OTHER INFORMATION (continued)

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.

Version: 3 (Replaced 2)

Revised: 16/04/2024