

Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any

country-specific legislation



612010001 - ESMALTE SECADO RAPIDO BASE TR STI

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

1.1 Product identifier:

612010001 - ESMALTE SECADO RAPIDO BASE TR STI

Other means of identification: UFI:

NFA7-N0PN-C008-3HR3

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

Relevant uses: Interior/exterior paint or lining for wood, metal, etc...

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:

EUPINCA C/ Londres, 13 - Pol. Ind. Cabezo Beaza 30353 Cartagena - Murcia - España Phone: +34 968089000 info@grupotkrom.com https://www.tkrom.com/

1.4 Emergency telephone number: +34 968 08 90 00 (Oficce hours)

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.

Acute Tox. 4: Acute toxicity, Category 4, H312+H332 Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412 Eye Irrit. 2: Eye irritation, Category 2, H319 Flam. Liq. 3: Flammable liquids, Category 3, H226 Skin Irrit. 2: Skin irritation, Category 2, H315 STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373 STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Warning



Hazard statements:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral). Organs affected: All gross lesions and masses. STOT SE 3: H335 - May cause respiratory irritation. **Precautionary statements:** P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264: Wash thoroughly after handling. P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.

P501: Dispose of contents/container according to the separated collection system used in your municipality.

Supplementary information:

** Changes with regards to the previous version



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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

EUH208: Contains Neodecanoic acid, cobalt salt. May produce an allergic reaction.

Substances that contribute to the classification

Reaction mass of ethylbenzene and m-xylene and p-xylene ; 2-methylpropan-1-ol

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

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

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives, aggregates, colourants, pigments, plasticizers 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		
CAS:	Non-applicable	Reaction mass of ethylbenzene and m-xylene and p-xylene ¹ Self-classified				
	905-562-9 Non-applicable 01-2119555267-33- 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	25 - <50 %		
CAS:	108-65-6	2-methoxy-1-methy	lethyl acetate ² ATP ATP01			
	203-603-9 607-195-00-7 01-2119475791-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226 - Warning	1 - <2,5 %		
CAS: EC:	78-83-1 201-148-0	2-methylpropan-1-o	ATP CLP00			
Index:	201-148-0 603-108-00-1 01-2119484609-23- XXXX	Regulation 1272/2008	Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	1 - <2,5 %		
CAS: EC:	27253-31-2 248-373-0	Neodecanoic acid, co	balt salt ¹ Self-classified			
Index:	Non-applicable 01-2119970733-31- XXXX	Regulation 1272/2008	Acute Tox. 4: H302; Aquatic Chronic 3: H412; Skin Sens. 1: H317; STOT RE 1: H372 - 🕐 🔇	<1 %		
CAS:	123-86-4	N-butyl acetate ²	ATP CLP00			
	204-658-1 607-025-00-1 01-2119485493-29- XXXX	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	<1 %		
CAS: EC:	108-94-1 203-631-1	Cyclohexanone ²	ATP CLP00			
Index:	203-631-1 606-010-00-7 01-2119453616-35- XXXX	Regulation 1272/2008	Acute Tox. 4: H332; Flam. Liq. 3: H226 - Warning	<1 %		
CAS:	34590-94-8	Dipropylene Glycol M	Iethyl Ether 2 Not classified			
	252-104-2 Non-applicable 01-2119450011-60- XXXX	Regulation 1272/2008		<1 %		

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

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	Acute toxicity		Genus
Reaction mass of ethylbenzene and m-xylene and p-xylene	LD50 oral	Non-applicable	
CAS: Non-applicable	LD50 dermal	1100 mg/kg (ATEi)	Rat
EC: 905-562-9	LC50 inhalation	11 mg/L (ATEi)	



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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:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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.





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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

For emergency responders:

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

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

It is recommended:

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

6.4 Reference to other sections:

See sections 8 and 13.

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.- Technical measures for storage

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):





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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

Identification	Occupational exposure limits		
2-methoxy-1-methylethyl acetate	IOELV (8h)	50 ppm	275 mg/m ³
CAS: 108-65-6 EC: 203-603-9	IOELV (STEL)	100 ppm	550 mg/m ³
N-butyl acetate	IOELV (8h)	50 ppm	241 mg/m ³
CAS: 123-86-4 EC: 204-658-1	IOELV (STEL)	150 ppm	723 mg/m ³
Cyclohexanone	IOELV (8h)	10 ppm	40,8 mg/m ³
CAS: 108-94-1 EC: 203-631-1	IOELV (STEL)	20 ppm	81,6 mg/m ³
Dipropylene Glycol Methyl Ether	IOELV (8h)	50 ppm	308 mg/m ³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		

DNEL (Workers):

		Short e	exposure	Long e	exposure
Identification		Systemic	Local	Systemic	Local
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	212 mg/kg	Non-applicable
EC: 905-562-9	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	796 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	550 mg/m ³	275 mg/m ³	Non-applicable
2-methylpropan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-83-1	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 201-148-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	310 mg/m ³
Neodecanoic acid, cobalt salt	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 27253-31-2	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 248-373-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	0,2732 mg/m ³
N-butyl acetate	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 123-86-4	Dermal	11 mg/kg	Non-applicable	11 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
Cyclohexanone	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 108-94-1	Dermal	4 mg/kg	Non-applicable	4 mg/kg	Non-applicable
EC: 203-631-1	Inhalation	80 mg/m ³	80 mg/m ³	40 mg/m ³	40 mg/m ³
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	283 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	308 mg/m ³	Non-applicable

DNEL (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Reaction mass of ethylbenzene and m-xylene and p-xylene	Oral	Non-applicable	Non-applicable	12,5 mg/kg	Non-applicable
CAS: Non-applicable	Dermal	Non-applicable	Non-applicable	125 mg/kg	Non-applicable
EC: 905-562-9	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³
2-methoxy-1-methylethyl acetate	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 108-65-6	Dermal	Non-applicable	Non-applicable	320 mg/kg	Non-applicable
EC: 203-603-9	Inhalation	Non-applicable	Non-applicable	33 mg/m ³	33 mg/m ³
2-methylpropan-1-ol	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 78-83-1	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 201-148-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	55 mg/m ³
Neodecanoic acid, cobalt salt	Oral	Non-applicable	Non-applicable	0,032 mg/kg	Non-applicable
CAS: 27253-31-2	Dermal	Non-applicable	Non-applicable	Non-applicable	Non-applicable
EC: 248-373-0	Inhalation	Non-applicable	Non-applicable	Non-applicable	0,043 mg/m ³
N-butyl acetate	Oral	2 mg/kg	Non-applicable	2 mg/kg	Non-applicable
CAS: 123-86-4	Dermal	6 mg/kg	Non-applicable	6 mg/kg	Non-applicable
EC: 204-658-1	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³





SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

		Short	exposure	Lor	ng exposure
Identification		Systemic	Local	Systemic	Local
Cyclohexanone	Oral	1,5 mg/kg	Non-applicable	1,5 mg/kg	Non-applicable
CAS: 108-94-1	Dermal	1 mg/kg	Non-applicable	1 mg/kg	Non-applicable
EC: 203-631-1	Inhalation	20 mg/m ³	40 mg/m ³	10 mg/m ³	20 mg/m ³
Dipropylene Glycol Methyl Ether	Oral	Non-applicable	Non-applicable	36 mg/kg	Non-applicable
CAS: 34590-94-8	Dermal	Non-applicable	Non-applicable	121 mg/kg	Non-applicable
EC: 252-104-2	Inhalation	Non-applicable	Non-applicable	37,2 mg/m ³	Non-applicable
PNEC:					
Identification					
Reaction mass of ethylbenzene and m-xylene and p-xylene	STP	6,58 mg/L	Fresh water		0,327 mg/L
CAS: Non-applicable	Soil	2,31 mg/kg	Marine water		0,327 mg/L
EC: 905-562-9	Intermittent	0,327 mg/L	Sediment (Fresh	water)	12,46 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	12,46 mg/kg
2-methoxy-1-methylethyl acetate	STP	100 mg/L	Fresh water		0,635 mg/L
CAS: 108-65-6	Soil	0,29 mg/kg	Marine water		0,064 mg/L
EC: 203-603-9	Intermittent	6,35 mg/L	Sediment (Fresh	water)	3,29 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	0,329 mg/kg
2-methylpropan-1-ol	STP	10 mg/L	Fresh water		0,4 mg/L
CAS: 78-83-1	Soil	0,076 mg/kg	Marine water		0,04 mg/L
EC: 201-148-0	Intermittent	11 mg/L	Sediment (Fresh	water)	1,56 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	0,156 mg/kg
Neodecanoic acid, cobalt salt	STP	0,37 mg/L	Fresh water		0,00062 mg/L
CAS: 27253-31-2	Soil	10,9 mg/kg	Marine water		0,00236 mg/L
EC: 248-373-0	Intermittent	Non-applicable	Sediment (Fresh	water)	53,8 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	69,8 mg/kg
N-butyl acetate	STP	35,6 mg/L	Fresh water		0,18 mg/L
CAS: 123-86-4	Soil	0,09 mg/kg	Marine water		0,018 mg/L
EC: 204-658-1	Intermittent	0,36 mg/L	Sediment (Fresh	water)	0,981 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	0,098 mg/kg
Cyclohexanone	STP	10 mg/L	Fresh water		0,033 mg/L
CAS: 108-94-1	Soil	0,03 mg/kg	Marine water		0,003 mg/L
EC: 203-631-1	Intermittent	0,329 mg/L	Sediment (Fresh	water)	0,249 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	0,025 mg/kg
Dipropylene Glycol Methyl Ether	STP	4168 mg/L	Fresh water		19 mg/L
CAS: 34590-94-8	Soil	2,74 mg/kg	Marine water		1,9 mg/L
EC: 252-104-2	Intermittent	190 mg/L	Sediment (Fresh	water)	70,2 mg/kg
	Oral	Non-applicable	Sediment (Marine	e water)	7,02 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

Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory respiratory tract protection	Filter mask for gases and vapours		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 protect	tion for the hands			





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ION 8: EXPOSURE	CONTROLS/PERSO	NAL PROTECT	ION (continued)	
Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory hand protection	NON-disposable chemical protective gloves	CAT III	EN ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 EN ISO 21420:2020	the product is being used. Do not use protecti creams after the product has come into conta with skin.
	d has therefore to be c			rial can not be calculated in advance wit
Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory face protection	Face shield		EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according the manufacturer's instructions. Use if there is risk of splashing.
E Body protection				
Pictogram	PPE	Labelling	CEN Standard	Remarks
Mandatory complete body protection	Disposable clothing for protection against chemica risks, with antistatic and fireproof properties		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982- 1:2004/A1:2010 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions
Mandatory foot protection	Safety footwear for protection against chemica risk, with antistatic and he resistant properties		EN ISO 13287:2020 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.
F Additional emerge	ency measures			
Emergency mea	sure	Standards	Emergency measu	ire Standards
Emergency sho	ISO 3864-1:	NSI Z358-1 2011, ISO 3864-4:20	011 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 s
spillage of both the p Volatile organic co	e community legislatio roduct and its containe mpounds: ive 2010/75/EU, this pr 39, 20 °C: 444	r. For additional i roduct has the fol 52 % weight 1,05 kg/m ³ (444,	information see subsection	s recommended to avoid environmental n 7.1.D
Average molecula	ve 2004/42/EC, this pr	5,35 g/mol roduct which is re I,1 kg/m³ (444,1	eady to use has the followi Lg/L)	ing characteristics:
Average molecula With regard to Directi V.O.C. density at	ve 2004/42/EC, this pr	oduct which is re 1,1 kg/m ³ (444,1	-	ing characteristics:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

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



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SECT	TION 9: PHYSICAL AND CHEMICAL PROPERTIE	S (continued)
	For complete information see the product datasheet.	
	Appearance:	
	Physical state at 20 °C:	Liquid
	Appearance:	Viscous
	Colour:	Colourless
	Odour:	Not available
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	136 °C
	Vapour pressure at 20 °C:	788 Pa
	Vapour pressure at 50 °C:	4408,23 Pa (4,41 kPa)
	Evaporation rate at 20 °C:	Non-applicable *
	Product description:	
	Density at 20 °C:	1123,6 kg/m³
	Relative density at 20 °C:	1,124
	Dynamic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 20 °C:	Non-applicable *
	Kinematic viscosity at 40 °C:	>20,5 mm²/s
	Concentration:	Non-applicable *
	pH:	Non-applicable *
	Vapour density at 20 °C:	Non-applicable *
	Partition coefficient n-octanol/water 20 °C:	Non-applicable *
	Solubility in water at 20 °C:	Non-applicable *
	Solubility properties:	Non-applicable *
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Flammability:	
	Flash Point:	30 °C
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	200 °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 clas	
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Corrosive to metals:	Non-applicable *
	Heat of combustion:	Non-applicable *
	Aerosols-total percentage (by mass) of flammable components: Other safety characteristics:	Non-applicable *
	Surface tension at 20 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing info	
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Revised: 07/08/2023





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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

10.2 Chemical stability:

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

10.3 Possibility of hazardous reactions:

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

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

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

Dangerous health implications:

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

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous 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 : 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.
 - Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
- 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, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
 - IARC: Reaction mass of ethylbenzene and m-xylene and p-xylene (3); Cyclohexanone (3); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (3); Neodecanoic acid, cobalt salt (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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:



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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. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

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. Organs affected: All gross lesions and masses.

- 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:

Non-applicable

Specific toxicology information on the substances:

Identification	A	Acute toxicity		
Reaction mass of ethylbenzene and m-xylene and p-xylene	LD50 oral	2100 mg/kg	Rat	
CAS: Non-applicable	LD50 dermal	1100 mg/kg (ATEi)	Rat	
EC: 905-562-9	LC50 inhalation	11 mg/L (ATEi)		
2-methoxy-1-methylethyl acetate	LD50 oral	8532 mg/kg	Rat	
CAS: 108-65-6	LD50 dermal	5100 mg/kg	Rat	
EC: 203-603-9	LC50 inhalation	30 mg/L (4 h)	Rat	
2-methylpropan-1-ol	LD50 oral	3350 mg/kg	Rat	
CAS: 78-83-1	LD50 dermal	2460 mg/kg	Rabbit	
EC: 201-148-0	LC50 inhalation	24,6 mg/L (4 h)	Rat	
Neodecanoic acid, cobalt salt	LD50 oral	1098 mg/kg	Rat	
CAS: 27253-31-2	LD50 dermal	Non-applicable		
EC: 248-373-0	LC50 inhalation	Non-applicable		
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	
Cyclohexanone	LD50 oral	2650 mg/kg	Rat	
CAS: 108-94-1	LD50 dermal	3160 mg/kg	Rabbit	
EC: 203-631-1	LC50 inhalation	Non-applicable		
Dipropylene Glycol Methyl Ether	LD50 oral	>5000 mg/kg	Rat	
CAS: 34590-94-8	LD50 dermal	9510 mg/kg	Rabbit	
EC: 252-104-2	LC50 inhalation	Non-applicable		

11.2 Information on other hazards:

Endocrine disrupting properties

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

Other information

Non-applicable

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.





SECTION 12: ECOLOGICAL INFORMATION (continued)

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus
Reaction mass of ethylbenzene and m-xylene and p-xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: Non-applicable	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 905-562-9	EC50	>10 - 100 mg/L (72 h)		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	Non-applicable		
2-methylpropan-1-ol	LC50	2030 mg/L (96 h)	Carassius auratus	Fish
CAS: 78-83-1	EC50	1439 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-148-0	EC50	1250 mg/L (48 h)	Scenedesmus subspicatus	Algae
Neodecanoic acid, cobalt salt	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 27253-31-2	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 248-373-0	EC50	>10 - 100 mg/L (72 h)		Algae
N-butyl acetate	LC50	Non-applicable		
CAS: 123-86-4	EC50	Non-applicable		
EC: 204-658-1	EC50	675 mg/L (72 h)	Scenedesmus subspicatus	Algae
Cyclohexanone	LC50	527 mg/L (96 h)	Pimephales promelas	Fish
CAS: 108-94-1	EC50	800 mg/L (24 h)	Daphnia magna	Crustacean
EC: 203-631-1	EC50	370 mg/L (192 h)	Scenedesmus quadricauda	Algae
Dipropylene Glycol Methyl Ether	LC50	10000 mg/L (96 h)	Pimephales promelas	Fish
CAS: 34590-94-8	EC50	1919 mg/L (48 h)	Daphnia magna	Crustacean
EC: 252-104-2	EC50	Non-applicable		

Chronic toxicity:

Identification		Concentration	Species	Genus
Reaction mass of ethylbenzene and m-xylene and p-xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: Non-applicable EC: 905-562-9	NOEC	1,17 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
2-methylpropan-1-ol	NOEC	Non-applicable		
CAS: 78-83-1 EC: 201-148-0	NOEC	20 mg/L	Daphnia magna	Crustacean
N-butyl acetate	NOEC	Non-applicable		
CAS: 123-86-4 EC: 204-658-1	NOEC	23,2 mg/L	Daphnia magna	Crustacean
Dipropylene Glycol Methyl Ether	NOEC	Non-applicable		
CAS: 34590-94-8 EC: 252-104-2	NOEC	0,5 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degra	adability	Biodegradability		
Reaction mass of ethylbenzene and m-xylene and p-xylene	BOD5	Non-applicable	Concentration	Non-applicable	
CAS: Non-applicable	COD	Non-applicable	Period	28 days	
EC: 905-562-9	BOD5/COD	Non-applicable	% Biodegradable	88 %	
2-methoxy-1-methylethyl acetate	BOD5	Non-applicable	Concentration	785 mg/L	
CAS: 108-65-6	COD	Non-applicable	Period	8 days	
EC: 203-603-9	BOD5/COD	Non-applicable	% Biodegradable	100 %	
2-methylpropan-1-ol	BOD5	0,4 g O2/g	Concentration	100 mg/L	
CAS: 78-83-1	COD	2,41 g O2/g	Period	14 days	
EC: 201-148-0	BOD5/COD	0,17	% Biodegradable	90 %	
N-butyl acetate	BOD5	Non-applicable	Concentration	Non-applicable	
CAS: 123-86-4	COD	Non-applicable	Period	5 days	
EC: 204-658-1	BOD5/COD	Non-applicable	% Biodegradable	84 %	





SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	De	Degradability		Biodegradability	
Cyclohexanone	BOD5	Non-applicable	Concentration	100 mg/L	
CAS: 108-94-1	COD	Non-applicable	Period	14 days	
EC: 203-631-1	BOD5/COD	Non-applicable	% Biodegradable	87 %	
Dipropylene Glycol Methyl Ether	BOD5	Non-applicable	Concentration	Non-applicable	
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days	
EC: 252-104-2	BOD5/COD	Non-applicable	% Biodegradable	73 %	
Bioaccumulative potential:					
Substance-specific information:					
Iden	tification		Bi	oaccumulation potential	
Reaction mass of ethylbenzene and m-xylene and	l p-xylene		BCF	9	
CAS: Non-applicable			Pow Log	2.77	
EC: 905-562-9			Potential	Low	
2-methoxy-1-methylethyl acetate			BCF	1	
CAS: 108-65-6			Pow Log	0.43	
EC: 203-603-9				Low	
2-methylpropan-1-ol			BCF	3	
CAS: 78-83-1				0.76	
EC: 201-148-0				Low	
N-butyl acetate			BCF	4	
CAS: 123-86-4			Pow Log	1.78	
EC: 204-658-1			Potential	Low	
Cyclohexanone			BCF	2	
CAS: 108-94-1			Pow Log	0.81	
EC: 203-631-1			Potential	Low	
Dipropylene Glycol Methyl Ether			BCF	1	
CAS: 34590-94-8			Pow Log	-0.06	
EC: 252-104-2			Potential Low		

Identification	Absorpt	ion/desorption	Volatility	
Reaction mass of ethylbenzene and m-xylene and p-xylene	Кос	202	Henry	524,86 Pa·m ³ /mol
CAS: Non-applicable	Conclusion	Moderate	Dry soil	Yes
EC: 905-562-9	Surface tension	Non-applicable	Moist soil	Yes
2-methylpropan-1-ol	Кос	Non-applicable	Henry	Non-applicable
CAS: 78-83-1	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 201-148-0	Surface tension	2,378E-2 N/m (25 °C)	Moist soil	Non-applicable
N-butyl acetate	Кос	Non-applicable	Henry	Non-applicable
CAS: 123-86-4	Conclusion	Non-applicable	Dry soil	Non-applicable
EC: 204-658-1	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Non-applicable
Cyclohexanone	Кос	17	Henry	9,119E-1 Pa·m³/mol
CAS: 108-94-1	Conclusion	Very High	Dry soil	Yes
EC: 203-631-1	Surface tension	3,437E-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





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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

13.1 Waste treatment methods:

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

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

HP14 Ecotoxic, HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, 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:

	14.2 14.3 14.4	UN number or ID number: UN proper shipping name: Transport hazard class(es): Labels: Packing group: Environmental hazards:	UN1263 PAINT 3 3 III No
•	14.6	Special precautions for user	
		Special regulations:	163, 367, 650
		Tunnel restriction code:	D/E
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 L
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable
Transport of da	ngero	receptacles of less than 450 litres us goods by sea:	(2.2.3.1.5)
With regard to IM			
		UN number or ID number:	UN1263
		UN proper shipping name:	PAINT
		Transport hazard class(es):	3
*	14.3	Transport hazard class(es): Labels:	3 3
	14.3 14.4	Transport hazard class(es): Labels: Packing group:	3 3 III
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant:	3 3
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user	3 3 III No
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations:	3 3 III No 223, 955, 163, 367
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations: EmS Codes:	3 3 III No 223, 955, 163, 367 F-E, S-E
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties:	3 3 III No 223, 955, 163, 367 F-E, S-E see section 9
	14.3 14.4 14.5	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties: Limited quantities:	3 3 III No 223, 955, 163, 367 F-E, S-E see section 9 5 L
3	14.3 14.4 14.5 14.6	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties: Limited quantities: Segregation group:	3 3 III No 223, 955, 163, 367 F-E, S-E see section 9 5 L Non-applicable
3	14.3 14.4 14.5 14.6	Transport hazard class(es): Labels: Packing group: Marine pollutant: Special precautions for user Special regulations: EmS Codes: Physico-Chemical properties: Limited quantities:	3 3 III No 223, 955, 163, 367 F-E, S-E see section 9 5 L



SECTION 14: TRANS	SECTION 14: TRANSPORT INFORMATION (continued)						
Transport of da	Transport of dangerous goods by air:						
With regard to I/	ATA/ICA	AO 2023:					
	14.1	UN number or ID number:	UN1263				
	14.2	UN proper shipping name:	PAINT				
	14.3	Transport hazard class(es):	3				
		Labels:	3				
3	14.4	Packing group:	III				
•	14.5	Environmental hazards:	No				
	14.6	Special precautions for user					
		Physico-Chemical properties:	see section 9				
	14.7	Maritime transport in bulk according to IMO instruments:	Non-applicable				

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 2-methyl-2Hisothiazol-3-one.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

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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.

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.:

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

Precautionary statements



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SECTION 16: OTHER INFORMATION (continued) Texts of the legislative phrases mentioned in section 2: H315: Causes skin irritation. H335: May cause respiratory irritation. H412: Harmful to aquatic life with long lasting effects. H373: May cause damage to organs through prolonged or repeated exposure (Oral). Organs affected: All gross lesions and masses H312+H332: Harmful in contact with skin or if inhaled. H226: 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: Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled. Acute Tox. 4: H332 - Harmful if inhaled. 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 Dam. 1: H318 - Causes serious eye damage. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure. (Oral). STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral). 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 SE 3: Calculation method Aquatic Chronic 3: Calculation method STOT RE 2: Calculation method Acute Tox. 4: Calculation method Flam. Liq. 3: 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.