URKI-RAPID 70
Solvent based Mixing System Products

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

1.1 Product identifier: URKI-RAPID 70
Solvent based Mixing System Products

Other means of identification:

UFI: 1A51-007W-H00C-NPS1

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

Relevant uses: Liquid paint. For 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:

BERNARDO ECENARRO, S.A.
Ugarte Industrialdea, 147
20720 Azkoitia - Gipuzkoa - Spain
Phone: +34 943 74 28 00 - Fax: +34 943 74 06 03
msds@besa.es
http://www.besa.es

1.4 Emergency telephone number: +34 91 562 04 20 (National Emergency Telephone Number of Spanish Poison Centre)

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.

Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 2: Flammable liquids, Category 2, H225
Skin Irrit. 2: Skin irritation, Category 2, H315
STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2, H373
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:

Danger



Hazard statements:

Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly 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.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).
STOT SE 3: H335 - May cause respiratory irritation.

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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 Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish.
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

Substances that contribute to the classification

Xylene; Reaction mass of ethylbenzene and xylene

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*

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of additives, aggregates, 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: 1330-20-7 EC: 215-535-7 Index: 601-022-00-9 REACH: 01-2119488216-32-XXXX	**Xylene**[(1)]	Self-classified	**10 - <25 %**
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	
CAS: Non-applicable EC: 905-588-0 Index: Non-applicable REACH: 01-2119488216-32-XXXX	**Reaction mass of ethylbenzene and xylene**[(1)]	Self-classified	**10 - <25 %**
	Regulation 1272/2008	Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	
CAS: 7727-43-7 EC: 231-784-4 Index: Non-applicable REACH: 01-2119491274-35-XXXX	**Barium Sulfate**[(2)]	Not classified	**10 - <25 %**
	Regulation 1272/2008		
CAS: 79-20-9 EC: 201-185-2 Index: 607-021-00-X REACH: 01-2119459211-47-XXXX	**methyl acetate**[(1)]	ATP CLP00	**2,5 - <5 %**
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	
CAS: Non-applicable EC: 432-430-3 Index: 616-200-00-1 REACH: 01-0000017860-69-XXXX	**reaction mass of N, N'-ethane1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N, N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)**[(1)]	ATP ATP05	**1 - <2,5 %**
	Regulation 1272/2008	Aquatic Chronic 4: H413	
CAS: 67-56-1 EC: 200-659-6 Index: 603-001-00-X REACH: 01-2119433307-44-XXXX	**methanol**[(1)]	ATP CLP00	**0,5 - <1 %**
	Regulation 1272/2008	Acute Tox. 3: H301+H311+H331; Flam. Liq. 2: H225; STOT SE 1: H370 - Danger	
CAS: 92044-82-1 EC: 295-361-6 Index: Non-applicable REACH: 01-2120781946-36-XXXX	**Fatty acids, C9-13-neo-, barium salts**[(2)]	Self-classified	**0,25 - <0,5 %**
	Regulation 1272/2008	Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger	
CAS: 100-41-4 EC: 202-849-4 Index: 601-023-00-4 REACH: 01-2119489370-35-XXXX	**Ethylbenzene**[(2)]	ATP ATP06	**0,25 - <0,5 %**
	Regulation 1272/2008	Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger	
CAS: 84418-68-8 EC: 282-780-4 Index: Non-applicable REACH: 01-2120770060-67-XXXX	**Neodecanoic acid, zinc salt, basic**[(1)]	Self-classified	**<0,2 %**
	Regulation 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 2: H411 - Warning	
CAS: 7631-86-9 EC: 231-545-4 Index: Non-applicable REACH: 01-2119379499-16-XXXX	**Silicon dioxide (RCS < 1%)**[(2)]	Not classified	**<0,2 %**
	Regulation 1272/2008		
CAS: 34590-94-8 EC: 252-104-2 Index: Non-applicable REACH: 01-2119450011-60-XXXX	**Dipropylene Glycol Methyl Ether**[(2)]	Not classified	**<0,2 %**
	Regulation 1272/2008		

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

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

Other information:

*** Changes with regards to the previous version*

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

Identification	Specific concentration limit
methanol CAS: 67-56-1 EC: 200-659-6	% (w/w) >=10: STOT SE 1 - H370 3<= % (w/w) <10: STOT SE 2 - H371

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 xylene	LD50 oral	Not relevant	
CAS: Non-applicable	LD50 dermal	1100 mg/kg	Rat
EC: 905-588-0	LC50 inhalation	Not relevant	
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)	
methanol	LD50 oral	100 mg/kg	
CAS: 67-56-1	LD50 dermal	300 mg/kg	
EC: 200-659-6	LC50 inhalation	Not relevant	

*** Changes with regards to the previous version*

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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

By inhalation:

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

By skin contact:

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

By eye contact:

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:

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SECTION 5: FIREFIGHTING MEASURES (continued)

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:

It is recommended to avoid environmental spillage of both the product and its container.

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

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

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SECTION 7: HANDLING AND STORAGE (continued)

A.- Specific storage requirements

Minimum Temp.: 5 ºC

Maximum Temp.: 30 ºC

Maximum time: 24 Months

B.- General conditions for storage

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

7.3 Specific end use(s):

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

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

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

Identification	Occupational exposure limits		
Reaction mass of ethylbenzene and xylene	IOELV (8h)	50 ppm	221 mg/m³
CAS: Non-applicable EC: 905-588-0	IOELV (STEL)	100 ppm	442 mg/m³
Xylene [(1)]	IOELV (8h)	50 ppm	221 mg/m³
CAS: 1330-20-7 EC: 215-535-7	IOELV (STEL)	100 ppm	442 mg/m³
Barium Sulfate	IOELV (8h)		0,5 mg/m³
CAS: 7727-43-7 EC: 231-784-4	IOELV (STEL)		
Silicon dioxide (RCS < 1%)	IOELV (8h)		0,1 mg/m³
CAS: 7631-86-9 EC: 231-545-4	IOELV (STEL)		
Ethylbenzene [(1)]	IOELV (8h)	100 ppm	442 mg/m³
CAS: 100-41-4 EC: 202-849-4	IOELV (STEL)	200 ppm	884 mg/m³
Dipropylene Glycol Methyl Ether [(1)]	IOELV (8h)	50 ppm	308 mg/m³
CAS: 34590-94-8 EC: 252-104-2	IOELV (STEL)		
Fatty acids, C9-13-neo-, barium salts	IOELV (8h)		0,5 mg/m³
CAS: 92044-82-1 EC: 295-361-6	IOELV (STEL)		
methanol [(1)]	IOELV (8h)	200 ppm	260 mg/m³
CAS: 67-56-1 EC: 200-659-6	IOELV (STEL)		

[(1)] Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 215-535-7	Inhalation	442 mg/m³	442 mg/m³	221 mg/m³	221 mg/m³
Reaction mass of ethylbenzene and xylene	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
EC: 905-588-0	Inhalation	442 mg/m³	442 mg/m³	221 mg/m³	221 mg/m³
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/m³	10 mg/m³
methyl acetate	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 79-20-9	Dermal	Not relevant	Not relevant	43 mg/kg	Not relevant
EC: 201-185-2	Inhalation	3777 mg/m³	Not relevant	300 mg/m³	620 mg/m³

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
reaction mass of N, N'-ethane1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl] octadecanamide and N, N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	10 mg/kg	Not relevant
EC: 432-430-3	Inhalation	Not relevant	Not relevant	35,24 mg/m³	Not relevant
methanol	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 67-56-1	Dermal	20 mg/kg	Not relevant	20 mg/kg	Not relevant
EC: 200-659-6	Inhalation	130 mg/m³	130 mg/m³	130 mg/m³	130 mg/m³
Fatty acids, C9-13-neo-, barium salts	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 92044-82-1	Dermal	Not relevant	Not relevant	0,99 mg/kg	Not relevant
EC: 295-361-6	Inhalation	Not relevant	Not relevant	1,74 mg/m³	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/m³	77 mg/m³	Not relevant
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	Not relevant	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	283 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	308 mg/m³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: 1330-20-7	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 215-535-7	Inhalation	260 mg/m³	260 mg/m³	65,3 mg/m³	65,3 mg/m³
Reaction mass of ethylbenzene and xylene	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
EC: 905-588-0	Inhalation	260 mg/m³	260 mg/m³	65,3 mg/m³	65,3 mg/m³
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/m³	Not relevant
methyl acetate	Oral	203 mg/kg	Not relevant	21,5 mg/kg	Not relevant
CAS: 79-20-9	Dermal	203 mg/kg	Not relevant	21,5 mg/kg	Not relevant
EC: 201-185-2	Inhalation	3777 mg/m³	Not relevant	64 mg/m³	133 mg/m³
reaction mass of N, N'-ethane1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl] octadecanamide and N, N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	Oral	Not relevant	Not relevant	5 mg/kg	Not relevant
CAS: Non-applicable	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 432-430-3	Inhalation	Not relevant	Not relevant	Not relevant	Not relevant
methanol	Oral	4 mg/kg	Not relevant	4 mg/kg	Not relevant
CAS: 67-56-1	Dermal	4 mg/kg	Not relevant	4 mg/kg	Not relevant
EC: 200-659-6	Inhalation	26 mg/m³	26 mg/m³	26 mg/m³	26 mg/m³
Fatty acids, C9-13-neo-, barium salts	Oral	Not relevant	Not relevant	0,49 mg/kg	Not relevant
CAS: 92044-82-1	Dermal	Not relevant	Not relevant	0,49 mg/kg	Not relevant
EC: 295-361-6	Inhalation	Not relevant	Not relevant	0,43 mg/m³	Not relevant
Ethylbenzene	Oral	Not relevant	Not relevant	1,6 mg/kg	Not relevant
CAS: 100-41-4	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
EC: 202-849-4	Inhalation	Not relevant	Not relevant	15 mg/m³	Not relevant
Dipropylene Glycol Methyl Ether	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
CAS: 34590-94-8	Dermal	Not relevant	Not relevant	121 mg/kg	Not relevant
EC: 252-104-2	Inhalation	Not relevant	Not relevant	37,2 mg/m³	Not relevant

PNEC:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: 1330-20-7	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 215-535-7	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg
Reaction mass of ethylbenzene and xylene	STP	6,58 mg/L	Fresh water	0,327 mg/L
CAS: Non-applicable	Soil	2,31 mg/kg	Marine water	0,327 mg/L
EC: 905-588-0	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg
Barium Sulfate	STP	62,2 mg/L	Fresh water	0,115 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 (Marine water)	Not relevant
reaction mass of N, N'-ethane1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide and N, N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	STP	100 mg/L	Fresh water	0,009 mg/L
CAS: Non-applicable	Soil	52,1 mg/kg	Marine water	0,001 mg/L
EC: 432-430-3	Intermittent	3,7 mg/L	Sediment (Fresh water)	384 mg/kg
	Oral	0,2222 g/kg	Sediment (Marine water)	38,4 mg/kg
methanol	STP	100 mg/L	Fresh water	20,8 mg/L
CAS: 67-56-1	Soil	100 mg/kg	Marine water	2,08 mg/L
EC: 200-659-6	Intermittent	1540 mg/L	Sediment (Fresh water)	77 mg/kg
	Oral	Not relevant	Sediment (Marine water)	7,7 mg/kg
Fatty acids, C9-13-neo-, barium salts	STP	Not relevant	Fresh water	0,3594 mg/L
CAS: 92044-82-1	Soil	649,1 mg/kg	Marine water	0,0629 mg/L
EC: 295-361-6	Intermittent	Not relevant	Sediment (Fresh water)	1875 mg/kg
	Oral	0,022 g/kg	Sediment (Marine water)	Not relevant
Ethylbenzene	STP	9,6 mg/L	Fresh water	0,1 mg/L
CAS: 100-41-4	Soil	2,68 mg/kg	Marine water	0,01 mg/L
EC: 202-849-4	Intermittent	0,1 mg/L	Sediment (Fresh water)	13,7 mg/kg
	Oral	0,02 g/kg	Sediment (Marine water)	1,37 mg/kg
Neodecanoic acid, zinc salt, basic	STP	0,4348 mg/L	Fresh water	0,0896 mg/L
CAS: 84418-68-8	Soil	154,8 mg/kg	Marine water	0,0265 mg/L
EC: 282-780-4	Intermittent	Not relevant	Sediment (Fresh water)	512,2 mg/kg
	Oral	0,02 g/kg	Sediment (Marine water)	245,7 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	Not relevant	Sediment (Marine water)	7,02 mg/kg

8.2 Exposure controls:

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

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

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles	CE CAT III	EN 149:2001+A1:2009 EN 405:2002+A1:2010 EN ISO 136:1998	Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected.

C.- Specific protection for the hands

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

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

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face shield	CE CAT II	EN 166:2002 EN 167:2002 EN 168:2002 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties	CE CAT III	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 chemical risk, with antistatic and heat resistant properties	CE CAT III	EN ISO 13287:2020 EN ISO 20345:2011 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

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

Volatile organic compounds:

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

V.O.C. (Supply):	45,49 % weight
V.O.C. density at 20 ºC:	504,94 kg/m³ (504,94 g/L)
Average carbon number:	7,5
Average molecular weight:	102,45 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 ºC:	Liquid
Appearance:	Viscous
Colour:	Yellowish

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

- CONTINUED ON NEXT PAGE -

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Odour:	Solvent
Odour threshold:	Not relevant *
Volatility:	
Boiling point at atmospheric pressure:	121 ºC
Vapour pressure at 20 ºC:	3889 Pa
Vapour pressure at 50 ºC:	15298,39 Pa (15,3 kPa)
Evaporation rate at 20 ºC:	Not relevant *
Product description:	
Density at 20 ºC:	1090 - 1130 kg/m³
Relative density at 20 ºC:	1,09 - 1,13
Dynamic viscosity at 20 ºC:	711 - 605 cP
Kinematic viscosity at 20 ºC:	598 mm²/s
Kinematic viscosity at 40 ºC:	>20,5 mm²/s
Concentration:	Not relevant *
pH:	Not relevant *
Vapour density at 20 ºC:	Not relevant *
Partition coefficient n-octanol/water 20 ºC:	Not relevant *
Solubility in water at 20 ºC:	Not relevant *
Solubility properties:	Immiscible
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	21 ºC
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	265 ºC
Lower flammability limit:	Not available
Upper flammability limit:	Not available
Particle characteristics:	
Median equivalent diameter:	Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	Not relevant *
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *
Other safety characteristics:	
Surface tension at 20 ºC:	Not relevant *
Refraction index:	Not relevant *

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

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

- CONTINUED ON NEXT PAGE -

SECTION 10: STABILITY AND REACTIVITY (continued)

10.2 Chemical stability:

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

10.3 Possibility of hazardous reactions:

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

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

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

SECTION 11: TOXICOLOGICAL INFORMATION **

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

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

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

Dangerous health implications:

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

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, 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 : 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: 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 xylene (3); Xylene (3); Ethylbenzene (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:

- 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:

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

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.
- Skin: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Aspiration hazard:

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

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Reaction mass of ethylbenzene and xylene	LD50 oral	2100 mg/kg	Rat
CAS: Non-applicable	LD50 dermal	1100 mg/kg (ATEi)	Rat
EC: 905-588-0	LC50 inhalation	11 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)	
reaction mass of N, N'-ethane1,2-diylbis(hexanamide) and 12-hydroxy-N-[2-[(1-oxyhexyl) amino]ethyl]octadecanamide and N, N'-ethane-1,2-diylbis(12-hydroxyoctadecan amide)	LD50 oral	>2000 mg/kg	
CAS: Non-applicable	LD50 dermal	>2000 mg/kg	
EC: 432-430-3	LC50 inhalation	>5 mg/L	
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	
methanol	LD50 oral	100 mg/kg (ATEi)	
CAS: 67-56-1	LD50 dermal	300 mg/kg (ATEi)	
EC: 200-659-6	LC50 inhalation	3 mg/L (4 h)	Rat
methyl acetate	LD50 oral	6482 mg/kg	Rat
CAS: 79-20-9	LD50 dermal	18684 mg/kg	Guinean pig
EC: 201-185-2	LC50 inhalation	75 mg/L (4 h)	Rabbit
Fatty acids, C9-13-neo-, barium salts	LD50 oral	>2000 mg/kg	
CAS: 92044-82-1	LD50 dermal	>2000 mg/kg	
EC: 295-361-6	LC50 inhalation		
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
Neodecanoic acid, zinc salt, basic	LD50 oral	>2000 mg/kg	
CAS: 84418-68-8	LD50 dermal	>2000 mg/kg	
EC: 282-780-4	LC50 inhalation		
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	
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	>20 mg/L	

Acute Toxicity Estimate (ATE mix):

	ATE mix	Ingredient(s) of unknown toxicity
Oral	10869,57 mg/kg (Calculation method)	0 %
Dermal	2544,92 mg/kg (Calculation method)	0 %

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

Inhalation	25,45 mg/L (4 h) (Calculation method)	0 %

11.2 Information on other hazards:

Endocrine disrupting properties

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

Other information

Not relevant

*** 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

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.

12.1 Toxicity:

Acute toxicity:

Identification		Concentration	Species	Genus
Xylene	LC50	>10 - 100 mg/L (96 h)		Fish
CAS: 1330-20-7	EC50	>10 - 100 mg/L (48 h)		Crustacean
EC: 215-535-7	EC50	>10 - 100 mg/L (72 h)		Algae
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		
methyl acetate	LC50	320 mg/L (96 h)	Pimephales promelas	Fish
CAS: 79-20-9	EC50	1026,7 mg/L (48 h)	Daphnia magna	Crustacean
EC: 201-185-2	EC50	120 mg/L (72 h)	Scenedesmus subspicatus	Algae
methanol	LC50	15400 mg/L (96 h)	Lepomis macrochirus	Fish
CAS: 67-56-1	EC50	12000 mg/L (96 h)	Nitrocra spinipes	Crustacean
EC: 200-659-6	EC50	530 mg/L (168 h)	Microcystis aeruginosa	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
Neodecanoic acid, zinc salt, basic	LC50	>0.1 - 1 mg/L (96 h)		Fish
CAS: 84418-68-8	EC50	>0.1 - 1 mg/L (48 h)		Crustacean
EC: 282-780-4	EC50	>0.1 - 1 mg/L (72 h)		Algae
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
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	Not relevant		

Chronic toxicity:

Identification		Concentration	Species	Genus
Xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: 1330-20-7 EC: 215-535-7	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
Reaction mass of ethylbenzene and xylene	NOEC	1,3 mg/L	Oncorhynchus mykiss	Fish
CAS: Non-applicable EC: 905-588-0	NOEC	1,17 mg/L	Ceriodaphnia dubia	Crustacean
Barium Sulfate	NOEC	100 mg/L	Danio rerio	Fish
CAS: 7727-43-7 EC: 231-784-4	NOEC	Not relevant		
methanol	NOEC	15800 mg/L	Oryzias latipes	Fish
CAS: 67-56-1 EC: 200-659-6	NOEC	122 mg/L	Daphnia magna	Crustacean

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification		Concentration	Species	Genus
Ethylbenzene	NOEC	Not relevant		
CAS: 100-41-4 EC: 202-849-4	NOEC	0,96 mg/L	Ceriodaphnia dubia	Crustacean
Dipropylene Glycol Methyl Ether	NOEC	Not relevant		
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	Degradability		Biodegradability	
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 %
methyl acetate	BOD5	Not relevant	Concentration	100 mg/L
CAS: 79-20-9	COD	Not relevant	Period	14 days
EC: 201-185-2	BOD5/COD	Not relevant	% Biodegradable	92 %
methanol	BOD5	Not relevant	Concentration	100 mg/L
CAS: 67-56-1	COD	1,42 g O2/g	Period	14 days
EC: 200-659-6	BOD5/COD	Not relevant	% Biodegradable	92 %
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 %
Dipropylene Glycol Methyl Ether	BOD5	Not relevant	Concentration	Not relevant
CAS: 34590-94-8	COD	0 g O2/g	Period	28 days
EC: 252-104-2	BOD5/COD	Not relevant	% Biodegradable	73 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Xylene	BCF	9
CAS: 1330-20-7	Pow Log	2.77
EC: 215-535-7	Potential	Low
Reaction mass of ethylbenzene and xylene	BCF	9
CAS: Non-applicable	Pow Log	2.77
EC: 905-588-0	Potential	Low
methyl acetate	BCF	0.8
CAS: 79-20-9	Pow Log	0.18
EC: 201-185-2	Potential	Low
methanol	BCF	3
CAS: 67-56-1	Pow Log	-0.77
EC: 200-659-6	Potential	Low
Ethylbenzene	BCF	1
CAS: 100-41-4	Pow Log	3.15
EC: 202-849-4	Potential	Low
Dipropylene Glycol Methyl Ether	BCF	1
CAS: 34590-94-8	Pow Log	-0.06
EC: 252-104-2	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
Xylene	Koc	202	Henry	524,86 Pa·m³/mol
CAS: 1330-20-7	Conclusion	Moderate	Dry soil	Yes
EC: 215-535-7	Surface tension	Not relevant	Moist soil	Yes
methyl acetate	Koc	Not relevant	Henry	Not relevant
CAS: 79-20-9	Conclusion	Not relevant	Dry soil	Not relevant
EC: 201-185-2	Surface tension	2,454E-2 N/m (25 ºC)	Moist soil	Not relevant

*** Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Absorption/desorption		Volatility	
methanol	Koc	Not relevant	Henry	Not relevant
CAS: 67-56-1	Conclusion	Not relevant	Dry soil	Not relevant
EC: 200-659-6	Surface tension	2,355E-2 N/m (25 ºC)	Moist soil	Not relevant
Ethylbenzene	Koc	520	Henry	798,44 Pa·m³/mol
CAS: 100-41-4	Conclusion	Moderate	Dry soil	Yes
EC: 202-849-4	Surface tension	2,859E-2 N/m (25 ºC)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

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

12.7 Other adverse effects:

Not described

*** Changes with regards to the previous version*

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

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

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

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:



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

Transport of dangerous goods by sea:

- CONTINUED ON NEXT PAGE -

SECTION 14: TRANSPORT INFORMATION (continued)

With regard to IMDG 41-22:



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

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



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

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: *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.

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SECTION 15: REGULATORY INFORMATION (continued)

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

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

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

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

· New declared substances
Silicon dioxide (RCS < 1%) (7631-86-9)
Barium Sulfate (7727-43-7)

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H373: May cause damage to organs through prolonged or repeated exposure (Oral).
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

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

CLP Regulation (EC) No 1272/2008:

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled.
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Aquatic Acute 1: H400 - Very toxic to aquatic life.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.
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. 2: H225 - Highly flammable liquid and vapour.
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).
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 1: H370 - Causes damage to organs.
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
STOT RE 2: Calculation method
STOT RE 2: Calculation method
Flam. Liq. 2: Calculation method (2.6.4.3)
Eye Irrit. 2: Calculation method

Advice related to training:

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

Principal bibliographical sources:

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

Abbreviations and acronyms:

- CONTINUED ON NEXT PAGE -

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.

- END OF SAFETY DATA SHEET -