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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

: SikaCor[®]-6630 high-solid

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

Product use : Corrosion protection

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Hellas ABEE
		15 Protomagias Street
		145 68 Kryoneri / Athens
Telephone	:	+30 210 81 60 600
Telefax	:	+30 210 81 60 606
E-mail address of person	:	EHS@gr.sika.com
responsible for the SDS		-

1.4 Emergency telephone number

Poison Information Center + 30 210 77 93 777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3 Eye irritation, Category 2 Skin sensitisation, Category 1 Reproductive toxicity, Category 2	H226: Flammable liquid and vapour. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction. H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.		
Specific target organ toxicity - repeated exposure, Category 2, Central nervous system	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.		
Long-term (chronic) aquatic hazard, Cat- egory 2	H411: Toxic to aquatic life with long lasting effects.		
2.2 Label elements			
Labelling (REGULATION (EC) No 1272/2008)			

Hazard pictograms	:		
Signal word	:	Warning	• • •
Hazard statements	:	H226 H317	Flammable liquid and vapour. May cause an allergic skin reaction.

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	H319 H361fd	Causes serious eye irritation. Suspected of damaging fertility. Suspected of damaging the unborn child.
	H373	May cause damage to organs (Central nerv- ous system) through prolonged or repeated exposure if inhaled.
	H411	Toxic to aquatic life with long lasting effects.
Precautionary statements :	Prevention:	
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P260	Do not breathe dust/ fume/ gas/ mist/ va- pours/ spray.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response:	
	P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
	P391	Collect spillage.

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Hazardous components which must be listed on the label:

hexaboron dizinc undecaoxide Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) 2-butanone oxime Pentamethyl piperidylsebacate cobalt bis(2-ethylhexanoate)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Naphtha (petroleum), hydrotreat- ed heavy; Low boiling point ydro- gen treated naphtha	Not Assigned 265-150-3 01-2119486659-16- XXXX	Asp. Tox. 1; H304 EUH066	>= 10 - < 20
2-methoxy-1-methylethyl acetate Contains: 2-methoxypropyl acetate <= 1 %	108-65-6 203-603-9 01-2119475791-29- XXXX	Flam. Liq. 3; H226 STOT SE 3; H336	>= 2,5 - < 5

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L	404440.0		
zinc oxide	1314-13-2 215-222-5 01-2119463881-32- XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 2,5 - < 5
		M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	
hexaboron dizinc undecaoxide	12767-90-7 235-804-2 01-2119691658-19- XXXX	Eye Irrit. 2; H319 Repr. 2; H361fd Aquatic Acute 1; H400 Aquatic Chronic 2; H411 M-Factor (Acute aquatic toxicity): 1	>= 3 - < 5
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29- XXXX	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) EUH066	>= 1 - < 2,5
Hydrocarbons, C9-C12, n- alkanes, isoalkanes, cyclics, aro- matics (2-25%)	Not Assigned 919-446-0 265-185-4 01-2119458049-33- XXXX [corresponding group CAS 64742-82- 1]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT RE 1; H372 (Central nervous system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 1 - < 2,5
Hydrocarbons, C10-C13, n- alkanes, isoalkanes, cyclics, <2% aromatics	Not Assigned 918-481-9 01-2119457273-39- XXXX	Asp. Tox. 1; H304 EUH066	>= 1 - < 2,5
2-methylpropan-1-ol	78-83-1 201-148-0 01-2119484609-23- XXXX	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system)	>= 1 - < 2,5
2-butanone oxime	96-29-7 202-496-6 01-2119539477-28- XXXX	Carc. 2; H351 Acute Tox. 4; H312 Eye Dam. 1; H318 Skin Sens. 1; H317	< 1

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Pentamethyl piperidylsebacate Contains: bis(1,2,2,6,6-pentamethyl-4- piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate	1065336-91-5 915-687-0 01-2119491304-40- XXXX	Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	>= 0,1 - < 0,25
cobalt bis(2-ethylhexanoate)	136-52-7 205-250-6 01-2119524678-29- XXXX	Eye Irrit. 2; H319 Skin Sens. 1A; H317 Repr. 1B; H360 Aquatic Acute 1; H400 Aquatic Chronic 3; H412 M-Factor (Acute aquatic toxicity): 1	>= 0,025 - < 0,1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of mist and measures	5
General advice :	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled :	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact :	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact :	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed :	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptoms and e	effects, both acute and delayed
Symptoms :	Allergic reactions



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	See Section 11 for more detailed information on health effects and symptoms.
Risks	: irritant effects sensitising effects
	May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

	Treatment	:	Treat symptomatically.	
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SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	Water High volume water jet
5.2 Special hazards arising from	the	e substance or mixture
Specific hazards during fire- fighting	:	Do not use a solid water stream as it may scatter and spread fire.
		Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protect	ctive	e equipment and emergency procedures
Personal precautions	:	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Contain spillage, and then collect with non-combustible ab-
		sorbent material, (e.g. sand, earth, diatomaceous earth, ver-
		miculite) and place in container for disposal according to local
		/ national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap- plication area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety
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practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *			
2-methoxy-1-methylethyl acetate	108-65-6	STEL	100 ppm 550 mg/m3	2000/39/EC			
		mation: Identifies the		ificant uptake			
	through the s	skin, Indicative					
		TWA	50 ppm 275 mg/m3	2000/39/EC			
		TWA	50 ppm 275 mg/m3	GR OEL			
		mation: The notation	skin' (D), pointing				
		tors of the table of pa					
		ntribution to of these					
		to workers which are	e absorbed through	n the skin at the			
	direct contac	direct contact with these.					
		STEL	100 ppm	GR OEL			
-ine evide	404440.0	$T \wedge (A / E + m + a)$	550 mg/m3				
zinc oxide	1314-13-2	TWA (Fumes) STEL (Fumes)	5 mg/m3	GR OEL GR OEL			
n-butyl acetate	123-86-4	STEL (Fumes)	10 mg/m3 200 ppm	GR OEL			
n-bulyr acelale	123-00-4	SIEL	950 mg/m3	GROEL			
		TWA	150 ppm 710 mg/m3	GR OEL			
		STEL	150 ppm 723 mg/m3	2019/1831/EU			
	Further infor	mation: Indicative	• •	•			
		TWA	50 ppm 241 mg/m3	2019/1831/EU			
2-methylpropan-1-ol	78-83-1	TWA	100 ppm 300 mg/m3	GR OEL			
		STEL	100 ppm 300 mg/m3	GR OEL			
cobalt bis(2-ethylhexanoate)	136-52-7	TWA	0,1 mg/m3 (Cobalt)	GR OEL			

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*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Personal protective equipment				
Eye protection :	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water			
Hand protection :	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.			
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.			
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.			
Respiratory protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor (Type A) and particulate filter A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm P1: Inert material; P2, P3: hazardous substances Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.			
Environmental exposure controls				

Environmental exposure controls

General advice	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: various
Odour	: slight
Odour Threshold	: No data available

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	рН	:	Not applicable substance/mixture is non-soluble (in water)
	Melting point/range / Freezing	:	No data available
	point Boiling point/boiling range	:	No data available
	Flash point	:	ca. 34 °C Method: closed cup
	Evaporation rate	:	No data available
	Flammability (solid, gas)	:	No data available
	Upper explosion limit / Upper flammability limit	:	7 %(V)
	Lower explosion limit / Lower flammability limit	:	0,6 %(V)
	Vapour pressure	:	3 hPa
	Relative vapour density	:	No data available
	Density	:	ca. 1,47 g/cm3 (20 °C)
	Solubility(ies) Water solubility Solubility in other solvents		insoluble No data available
	Partition coefficient: n-	:	No data available
	octanol/water Auto-ignition temperature	:	235 °C
	Decomposition temperature	:	No data available
	Viscosity Viscosity, dynamic	:	> 900 mPa.s (20 °C)
	Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
	Explosive properties	:	No data available
	Oxidizing properties	:	No data available
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9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

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10.2 Chemical stability	
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The product is chemically stable.

10.3 Possibility	of	hazardous	reactions
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Hazardous	reactions	:	Stable under recommended storage conditions.
			Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid	:	No data available
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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified based on available information.

Components:

11

2-methoxy-1-methylethyl acetate:				
Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg		
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg		
zinc oxide: Acute oral toxicity	:	LD50 Oral (Rat): > 15.000 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): > 5,7 mg/l Exposure time: 4 h Test atmosphere: dust/mist		
n-butyl acetate: Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg		
Acute inhalation toxicity	:	LC50 (Rat): 23,4 mg/l Exposure time: 4 h Test atmosphere: vapour		
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg		

2-butanone oxime:

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Acute oral toxicity	: LD50 Oral (Rat): 3.680 mg/kg	
Pentamethyl piperidylseba	cate:	
Acute oral toxicity	: LD50 Oral (Rat): 3.230 mg/kg	
Skin corrosion/irritation Not classified based on avail	able information.	
Components:		
	Ilkanes, isoalkanes, cyclics, aromatics (2	
Assessment	: Repeated exposure may cause skin d	ryness or cracking.
Serious eye damage/eye in Causes serious eye irritation		
Respiratory or skin sensiti	sation	
Skin sensitisation May cause an allergic skin re	eaction.	
Respiratory sensitisation Not classified based on avail	able information.	
Germ cell mutagenicity Not classified based on avail	able information.	
Carcinogenicity Not classified based on avail	able information.	
Reproductive toxicity Suspected of damaging fertil	ity. Suspected of damaging the unborn child	L.
STOT - single exposure Not classified based on avail	able information.	
STOT - repeated exposure May cause damage to organ inhaled.	s (Central nervous system) through prolong	ed or repeated exposure if
Aspiration toxicity Not classified based on avail	able information.	
11.2 Information on other hazar	ds	
SECTION 12: Ecological info	rmation	
12.1 Toxicity		

Components:

zinc oxide:

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Toxicity to algae/aquatic : plants	EC50 (Selenastrum capricornutum (green algae) Exposure time: 72 h): 0,17 mg/l
M-Factor (Acute aquatic tox- : icity)	1	
M-Factor (Chronic aquatic : toxicity)	1	
M-Factor (Acute aquatic tox- : icity)		
n-butyl acetate: Toxicity to algae/aquatic : plants	EC50 (Desmodesmus subspicatus (green algae) Exposure time: 72 h): 647,7 mg/l
Pentamethyl piperidylsebacate	2.	
Toxicity to fish :	LC50 (Fish): 0,97 mg/l Exposure time: 96 h	
M-Factor (Acute aquatic tox- : icity)	1	
M-Factor (Chronic aquatic : toxicity)	1	
cobalt bis(2-ethylhexanoate):		
Toxicity to algae/aquatic : plants	IC50 (Desmodesmus subspicatus (green algae)) Exposure time: 72 h	: 0,528 mg/l
M-Factor (Acute aquatic tox- : icity)	1	
12.2 Persistence and degradability No data available		
12.3 Bioaccumulative potential No data available		
12.4 Mobility in soil No data available		
12.5 Results of PBT and vPvB asse	essment	
Product:		
Assessment :	This substance/mixture contains no components to be either persistent, bioaccumulative and toxic very persistent and very bioaccumulative (vPvB) 0.1% or higher	(PBT), or

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12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Product:

Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
		Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue	:	08 01 11* waste paint and varnish containing organic sol- vents or other dangerous substances
Contaminated packaging	:	15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN number

ADR	:	UN 1263
IMDG	:	UN 1263
ΙΑΤΑ	:	UN 1263
14.2 UN proper shipping name		
ADR	:	PAINT
IMDG	:	PAINT (zinc oxide)
ΙΑΤΑ	:	Paint
14.3 Transport hazard class(es)		
0 tm . OD 0000000000		

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Revision Date: 22.02.2021 Date of last issue: 24.06.2019 ADR 3 2 IMDG 3 : ΙΑΤΑ : 3 14.4 Packing group ADR Packing group Ш ÷ Classification Code F1 Hazard Identification Number : 30 Labels 3 Tunnel restriction code (D/E) 2 IMDG Packing group : 111 Labels 3 ÷ F-E, S-E ÷ EmS Code IATA (Cargo) Packing instruction (cargo 366 2 aircraft) Packing instruction (LQ) : Y344 Packing group III 2 Labels Flammable Liquids 2 IATA (Passenger) Packing instruction (passen-: 355 ger aircraft) Packing instruction (LQ) Y344 2 Packing group Ш 2 Labels 2 Flammable Liquids 14.5 Environmental hazards ADR Environmentally hazardous 5 yes IMDG Marine pollutant yes

IATA (Passenger) Environmentally hazardous

IATA (Cargo) Environmentally hazardous : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

: yes

Not applicable for product as supplied.



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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture REACH - Restrictions on the manufacture, placing on Conditions of restriction for the folthe market and use of certain dangerous substances, lowing entries should be considered: preparations and articles (Annex XVII) Number on list 3 International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors REACH - Candidate List of Substances of Very High None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %). REACH - List of substances subject to authorisation Not applicable 1 (Annex XIV) Regulation (EC) No 1005/2009 on substances that de-: Not applicable plete the ozone layer Regulation (EU) 2019/1021 on persistent organic pollu-: Not applicable tants (recast) Regulation (EC) No 649/2012 of the European Parlia-: Not applicable ment and the Council concerning the export and import of dangerous chemicals **REACH** Information: All substances contained in our Products are - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS

P5c		FLAMMABLE LIQUIDS
Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 23,56 %
		Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 23,56 %

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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SECTION 16: Other information

Full text of H-Statements

H226 :	Flammable liquid and vapour.
H304 :	May be fatal if swallowed and enters airways.
H312 :	Harmful in contact with skin.
H315 :	Causes skin irritation.
H317 :	May cause an allergic skin reaction.
H318 :	Causes serious eye damage.
H319 :	Causes serious eye irritation.
H335 :	May cause respiratory irritation.
H336 :	May cause drowsiness or dizziness.
H351 :	Suspected of causing cancer.
H360 :	May damage fertility or the unborn child.
H361fd :	Suspected of damaging fertility. Suspected of damaging the unborn child.
H372 :	Causes damage to organs through prolonged or repeated exposure if inhaled.
H400 :	Very toxic to aquatic life.
H410 :	Very toxic to aquatic life with long lasting effects.
H411 :	Toxic to aquatic life with long lasting effects.
H412 :	Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.		Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Acute Aquatic Chronic	:	Long-term (chronic) aquatic hazard
	:	
Asp. Tox.	:	Aspiration hazard
Carc.	•	Carcinogenicity
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
Repr.	:	Reproductive toxicity
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT RE	:	Specific target organ toxicity - repeated exposure
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first
		list of indicative occupational exposure limit values
2019/1831/EU	:	Europe. Commission Directive 2019/1831/EU establishing a
		fifth list of indicative occupational exposure limit values
GR OEL	:	Greece. Exposure limit values
2000/39/EC / TWA	:	Limit Value - eight hours
2000/39/EC / STEL	:	Short term exposure limit
2019/1831/EU / TWA		Limit Value - eight hours
2019/1831/EU / STEL		Short term exposure limit
GR OEL / TWA		Long term exposure limit
GR OEL / STEL	:	Short term exposure limit
ADR	:	European Agreement concerning the International Carriage of
ABR .	•	Dangerous Goods by Road
CAS		Chemical Abstracts Service
DNEL	:	Derived no-effect level
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Classification of the mixture:	Classification procedure:
Further information	
vPvB :	Very persistent and very bioaccumulative
SVHC :	Substances of Very High Concern
	and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency
REACH :	Regulation (EC) No 1907/2006 of the European Parliament
PNEC :	Predicted no effect concentration
PBT :	Persistent, bioaccumulative and toxic
OEL :	Occupational Exposure Limit
	Ships, 1973 as modified by the Protocol of 1978
MARPOL :	air that kills 50% of the test animals during the observation period) International Convention for the Prevention of Pollution from
LC50 :	once, which causes the death of 50% (one half) of a group of test animals) Median lethal concentration (concentrations of the chemical in
LD50 :	Median lethal dosis (the amount of a material, given all at
IMDG :	International Maritime Code for Dangerous Goods
IATA :	International Air Transport Association
GHS	Globally Harmonized System
EC50 :	Half maximal effective concentration

Classification of the m	ixture:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Repr. 2	H361fd	Calculation method
STOT RE 2	H373	Calculation method
Aquatic Chronic 2	H411	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

GR / EN