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

#### **1.1 Product identifier**

Trade name

: Sikaflex<sup>®</sup> Construction+

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

Product use : Sealant/adhesive

#### 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 responsible for the SDS	:	EHS@gr.sika.com

#### **1.4 Emergency telephone number**

Poison Information Center + 30 210 77 93 777 Poison Information Center: 1401 (Cyprus)

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) Skin sensitisation, Category 1 H317: N

H317: May cause an allergic skin reaction.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317	May cause an allergic skin reaction.
Precautionary statements	:	P101	If medical advice is needed, have product container or label at hand.
		P102	Keep out of reach of children.
		Prevention	:
		P261 P280	Avoid breathing mist or vapours. Wear protective gloves.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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 Response:
 P302 + P352
 IF ON SKIN: Wash with plenty of water.

 Disposal:
 Disposal:
 Disposal:
 Disposal:
 Disposal:

P501

Dispose of contents/container in accordance with local regulation.

### Hazardous components which must be listed on the label:

Hardener LI (Isophoronedialdimine) Pentamethyl piperidylsebacate Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

Additional Labelling

EUH204	Contains isocyanates. May produce an allergic reaction.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not
	breathe spray or mist.

#### 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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 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)
Urea,N,N''-(methylenedi-4,1- phenylene)bis[N'-butyl-	77703-56-1 416-600-4 01-0000016345-72- XXXX	Aquatic Chronic 4; H413	>= 2,5 - < 5
Hardener LI (Isophoronedial- dimine)	932742-30-8 700-071-4 01-2119880654-28- XXXX	Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 0,1 - < 0,25

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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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 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25
		M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	
Reaction product of Hexameth- ylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane	192526-20-8 924-669-1 01-2120768758-32- XXXX	Skin Sens. 1A; H317 Aquatic Chronic 4; H413	>= 0,1 - < 0,25
3-isocyanatomethyl-3,5,5- trimethylcyclohexyl isocyanate	4098-71-9 223-861-6 01-2119490408-31- XXXX	Acute Tox. 1; H330 Skin Irrit. 2; H315 Eye Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) Aquatic Chronic 2; H411 specific concentration limit Resp. Sens. 1; H334 >= 0,5 % specific concentration limit Skin Sens. 1; H317 >= 0,5 %	>= 0,025 - < 0,1
		Acute toxicity esti- mate Acute inhalation tox-	
		icity (dust/mist): 0,031 mg/l	
Substances with a workplace expos		1	
Titanium dioxide (> 10 μm)	13463-67-7 236-675-5 01-2119489379-17- XXXX		>= 1 - < 2,5

For explanation of abbreviations see section 16.



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### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

	ouro	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	:	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 a	and e	effects, both acute and delayed		
Symptoms	:	Allergic reactions See Section 11 for more detailed information on health effects and symptoms.		
Risks	:	sensitising effects		
		May cause an allergic skin reaction.		
4.3 Indication of any immediate medical attention and special treatment needed				
Treatment	:	Treat symptomatically.		

#### **SECTION 5: Firefighting measures**

<b>5.1 Extinguishing media</b> Suitable extinguishing media :	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
5.2 Special hazards arising from the	e substance or mixture

Hazardous combustion prod-	:	No hazardous combustion products are known
ucts		

### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878





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5.3 Advice for firefighters				
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing	j apparatus.	
Further information	:	Standard procedure for chemical fires.		
SECTION 6: Accidental release measures				
6.1 Personal precautions, protect	iv	e equipment and emergency procedures		
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.		
6.2 Environmental precautions				
Environmental precautions	:	Do not flush into surface water or sanitary sewer	system.	
6.3 Methods and material for cont	tai	nment and cleaning up		
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.	silica gel,	

#### 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	:	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Follow standard hygiene measures when handling chemical products</li> </ul>
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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#### 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. Store in accordance with local regulations.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.
7.3 Specific end use(s)		
Specific use(s)	:	Consult most current local Product Data Sheet prior to any use.

### **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 *
Titanium dioxide (> 10 μm)	13463-67-7	TWA (inhalable)	10 mg/m3	GR OEL
		TWA (respirable)	5 mg/m3	GR OEL
3-isocyanatomethyl-3,5,5-	4098-71-9	TWA	0,01 ppm	GR OEL
trimethylcyclohexyl isocyanate			0,09 mg/m3	
	chemical factor the likely cont	nation: The notation ors of the table of pa ribution to of these of workers which are with these.	ragraph of 1 articl	e 3, implies the quantity
		STEL	0,02 ppm 0,18 mg/m3	GR OEL

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

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Reaction product of Hexamethylene diisocy- anate, oligomers with Mercaptopropyltri- methoxysilane	Workers	Inhalation	Long-term systemic effects	1,7 mg/m3
	Workers	Dermal	Long-term systemic effects	4,7 mg/kg
	Consumers	Inhalation	Long-term systemic effects	0,3 mg/m3
	Consumers	Dermal	Long-term systemic effects	1,7 mg/kg

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Reaction product of Hexamethylene diisocyanate, oligomers with Mercap- topropyltrimethoxysilane	Fresh water	0,1 mg/l
	Intermittent use/release	1 mg/l
	Marine water	0,01 mg/l

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Intermittent use/release	1 mg/l
Fresh water sediment	23,28 mg/kg
Marine sediment	2,33 mg/kg
Sewage treatment plant	100 mg/l
Soil	4,58 mg/kg

#### 8.2 Exposure controls

#### **Engineering measures**

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Eye/face 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 additionally 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 filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm 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	contro	bls

#### General advice : Do not flush into surface water or sanitary sewer system.

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Appearance	:	paste
Colour	:	various

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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Odour	:	odourless	
Melting point/ range / Freez- ing point	:	No data available	
Boiling point/boiling range	:	No data available	
Flammability (solid, gas)	:	No data available	
Upper/lower flammability or	expl	osive limits	
Upper explosion limit / Upper flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point		> 101 °C Method: closed cup	
Auto-ignition temperature	:	No data available	
Decomposition temperature	:	No data available	
рН		Not applicable substance/mixture is non-soluble (in water)	
Viscosity			
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,43 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	

### 9.2 Other information

No data available



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### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions				
Hazardous reactions	:	No hazards to be specially mentioned.		
10.4 Conditions to avoid				
Conditions to avoid	:	Avoid moisture.		
10.5 Incompatible materials				
Materials to avoid	:	No data available		
10.6 Hazardous decomposition products				

#### 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:**

### Urea,N,N"-(methylenedi-4,1-phenylene)bis[N'-butyl-:

Acute oral toxicity	:	LD50 Oral (Rat): > 2.000 mg/kg Method: OECD Test Guideline 401
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg Method: OECD Test Guideline 402

#### Hardener LI (Isophoronedialdimine):

Acute oral toxicity:LD50 Oral (Rat): > 2.000 mg/kgAcute dermal toxicity:LD50 Dermal (Rabbit): > 2.000 mg/kg

#### Pentamethyl piperidylsebacate:

Acute oral toxicity : LD50 Oral (Rat): 3.230 mg/kg

#### Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane:

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Acute oral toxicity	:	LD50 Oral (Rat): > 2.000 mg/kg Method: OECD Test Guideline 423	
Acute dermal toxicity	:	LD50 Dermal (Rat): > 2.000 mg/kg Method: OECD Test Guideline 402	
3-isocyanatomethyl-3,5,5-t	rime	ethylcyclohexyl isocyanate:	
Acute oral toxicity		LD50 Oral (Rat): 4.814 mg/kg	
Acute inhalation toxicity	:	LC50 (Rat): 0,031 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
		Acute toxicity estimate: 0,031 mg/l Test atmosphere: dust/mist Method: Calculation method	
Acute dermal toxicity	:	LD50 Dermal (Rat): > 7.000 mg/kg	
Skin corrosion/irritation Not classified based on avail	able	information.	
Serious eye damage/eye ir Not classified based on avail			
Respiratory or skin sensiti	sati	on	
<b>Skin sensitisation</b> May cause an allergic skin re	eact	on.	
Respiratory sensitisation Not classified based on avail	able	information.	
Germ cell mutagenicity Not classified based on avail	able	information.	
<b>Carcinogenicity</b> Not classified based on avail	able	information.	
<b>Reproductive toxicity</b> Not classified based on avail	able	information.	
<b>STOT - single exposure</b> Not classified based on avail	able	information.	
STOT - repeated exposure Not classified based on avail	able	information.	
Aspiration toxicity Not classified based on avail			



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### 11.2 Information on other hazards

### **Endocrine disrupting properties**

- Product:
- Assessment
- : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

Urea,N,N"-(methylenedi-4,1-phenylene)bis[N'-butyl-:						
Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 250 mg/l Exposure time: 96 h				
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h				
Toxicity to algae/aquatic plants	:	EC50 (Raphidocelis subcapitata (freshwater green alga)): > 100 mg/l Exposure time: 72 h				
Hardener LI (Isophoronedia	Hardener LI (Isophoronedialdimine):					
Toxicity to fish	:	LC50 (Fish): 87,2 mg/l Exposure time: 96 h				
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): > 100 mg/l Exposure time: 48 h				
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): 180,4 mg/l Exposure time: 72 h				
Pentamethyl piperidylsebaca	ato					
Toxicity to fish	:					
	•	Exposure time: 96 h				
M-Factor (Acute aquatic tox- icity)	:	1				
M-Factor (Chronic aquatic toxicity)	:	1				

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### Reaction product of Hexamethylene diisocyanate, oligomers with Mercaptopropyltrimethoxysilane:

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

#### 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 assessment

#### Product:

Assessment

: 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..

#### **12.6 Endocrine disrupting properties**

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

Product:

Additional ecological infor-		There is no data available for this product.	
mation			

### **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		<ul> <li>wherever possible.</li> <li>Empty containers or liners may retain some product residues.</li> <li>This material and its container must be disposed of in a safe way.</li> <li>Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.</li> <li>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.</li> <li>Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.</li> </ul>	
European Waste Catalogue	:	08 04 09* waste adhesives and sealants solvents or other dangerous substances	
Contaminated packaging	:	15 01 10* packaging containing residues by dangerous substances	s of or contaminated

### **SECTION 14: Transport information**

14.1 UN number or ID number						
ADR	:	Not regulated as a dangerous good				
IMDG	:	Not regulated as a dangerous good				
ΙΑΤΑ	:	Not regulated as a dangerous good				
14.2 UN proper shipping name						
ADR	:	Not regulated as a dangerous good				
IMDG	:	Not regulated as a dangerous good				
ΙΑΤΑ	:	Not regulated as a dangerous good				
14.3 Transport hazard class(es)						
ADR	:	Not regulated as a dangerous good				
IMDG	:	Not regulated as a dangerous good				
ΙΑΤΑ	:	Not regulated as a dangerous good				
14.4 Packing group						
ADR	:	Not regulated as a dangerous good				
IMDG	:	Not regulated as a dangerous good				
IATA (Cargo)	:	Not regulated as a dangerous good				
IATA (Passenger)	:	Not regulated as a dangerous good				
14.5 Environmental hazards						
Not regulated as a dangerous good						

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14.6 Special precautions for user Not applicable							
14.7 Maritime transport in bulk acc	ording to IMO instrum	onte					
Not applicable for product as sup	-	enta					
	,pilou.						
SECTION 15: Regulatory information							
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture							
International Chemical Weapons Schedules of Toxic Chemicals ar	Convention (CWC)		Not applicable				
REACH Information:		e regulation, and/or					
REACH - Restrictions on the main the market and use of certain date mixtures and articles (Annex XVI	ngerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3				
			Number on list 75 Banned and/or restricted				
REACH - Candidate List of Subs Concern for Authorisation (Article	, .	:	None of the components are listed (=> 0.1 %).				
REACH - List of substances subj (Annex XIV)	ect to authorisation	:	Not applicable				
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de-	:	Not applicable				
Regulation (EU) 2019/1021 on potential tants (recast)	ersistent organic pollu-	:	Not applicable				
Regulation (EU) No 649/2012 of ment and the Council concerning of dangerous chemicals		:	Not applicable				
Seveso III: Directive 2012/18/EU jor-accident hazards involving da		nent	t and of the Council on the control of ma-				

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no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Not applicable

#### 15.2 Chemical safety assessment

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

#### **SECTION 16: Other information**

Full text of H-Statements						
H315	: Causes skin irritation.					
H317	: May cause an allergic skin reaction.					
H319	: Causes serious eye irritation.					
H330	: Fatal if inhaled.					
H334	: May cause allergy or asthma symptoms or breathing difficul-					
	ties if inhaled.					
H335	: May cause respiratory irritation.					
H361f	: Suspected of damaging fertility.					
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.					
H413	: May cause long lasting harmful effects to aquatic life.					
Full text of other abbreviation	IS					
Acute Tox.	: Acute toxicity					
Aquatic Acute	: Short-term (acute) aquatic hazard					
Aquatic Chronic	: Long-term (chronic) aquatic hazard					
Eye Irrit.	: Eye irritation					
Repr.	: Reproductive toxicity					
Resp. Sens.	: Respiratory sensitisation					
Skin Irrit.	: Skin irritation					
Skin Sens.	: Skin sensitisation					
STOT SE	: Specific target organ toxicity - single exposure					
GR OEL	: Greece. Exposure limit values					
GR OEL / TWA	: Long term exposure limit					
GR OEL / STEL	: Short term exposure limit					
ADR	European Agreement concerning the International Carriage of					
040	Dangerous Goods by Road					
CAS	: Chemical Abstracts Service					
DNEL	: Derived no-effect level					
EC50	: Half maximal effective concentration					
GHS	: Globally Harmonized System					
	: International Air Transport Association					
IMDG	: International Maritime Code for Dangerous Goods					
LD50	: Median lethal dosis (the amount of a material, given all at $a = \frac{1}{2} $					
	once, which causes the death of 50% (one half) of a group of					

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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LC50	:	test animals) Median lethal concentration (concentratic air that kills 50% of the test animals durin period)	
MARPOL	:	International Convention for the Prevention Ships, 1973 as modified by the Protocol of	
OEL PBT	:	Occupational Exposure Limit Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Eur and of the Council of 18 December 2006 istration, Evaluation, Authorisation and R cals (REACH), establishing a European (	concerning the Reg- estriction of Chemi-
SVHC vPvB	:	Substances of Very High Concern Very persistent and very bioaccumulative	

#### Further information

Classification of the mixtur	Classification procedure:	
Skin Sens. 1	H317	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