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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
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#### 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)

Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

#### 2.2 Label elements

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

Hazard pictograms	:	<u>(!)</u>	
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	Avoid breathing mist or vapours.
		P280	Wear protective gloves.
		Response:	



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I	P302 + P352	IF ON SKIN: Wash with plenty of water.
	<b>Disposal:</b> 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.

"As from 24 August 2023 adequate training is required before industrial or professional use."

#### 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

oomponents			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Urea,N,N"-(methylenedi-4,1-	77703-56-1	Aquatic Chronic 4;	>= 2,5 - < 5
phenylene)bis[N'-butyl-	416-600-4	H413	
	01-0000016345-72-		
	XXXX		
Titanium dioxide (> 10 μm)	13463-67-7		>= 1 - < 2,5
	236-675-5		
	01-2119489379-17-		
	XXXX		

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Hardener LI (Isophoronedial- dimine)	932742-30-8 700-071-4 01-2119880654-28- XXXX	Skin Sens. 1B; H317 Aquatic Chronic 3; H412	>= 0,025 - < 0,25
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; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 3; H335 (Respiratory system) Aquatic Chronic 2; H411	>= 0,025 - < 0,25
		specific concentration limit Resp. Sens. 1; H334 >= 0,5 % Skin Sens. 1; H317 >= 0,5 %	
		Acute toxicity esti- mate Acute inhalation tox-	
		icity (dust/mist): 0,031 mg/l	

For explanation of abbreviations see section 16.

:

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

#### 4.1 Description of first aid measures

General advice

Move out of dangerous area. Consult a physician.

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		Show this safety data sheet to the doctor in atte	endance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact	:	Take off contaminated clothing and shoes imme Wash off with soap and plenty of water. If symptoms persist, call a physician.	ediately.
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 unconsciou	is person.
4.2 Most important symptoms a	nd (	effects, both acute and delayed	
Symptoms	:	Allergic reactions See Section 11 for more detailed information or and symptoms.	health effects
Risks	:	sensitising effects	
		May cause an allergic skin reaction.	
4.3 Indication of any immediate	me	dical attention and special treatment needed	
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/o ide/sand/foam/alcohol resistant foam/chemical extinction.	
5.2 Special hazards arising from	the	e substance or mixture	
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 breathin	ng apparatus.
Further information	:	Standard procedure for chemical fires.	

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### **SECTION 6: Accidental release measures**

6.1 Personal precautions, protect	tive	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 cor	ntair	nment and cleaning up
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## 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.
7.2	Conditions for safe storage, inc	luding 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)

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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 control of exposure to	Further information: The notation 'skin' (D), pointing out certain chemical factors of the table of paragraph of 1 article 3, implies the likely contribution to of these chemical factors to the quantity of exposure to workers which are absorbed through the skin at the direct contact with these.			
		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	Fresh water	0,1 mg/l
diisocyanate, oligomers with Mercap-		
topropyltrimethoxysilane		
	Intermittent use/release	1 mg/l
	Marine water	0,01 mg/l
	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.

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Ensure adequate ventilation, especially in confined areas.

Personal protective equipme		
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 ar proved standard must be worn at all times when handlin chemical products. Reference number EN 374. Follow m facturer specifications.	g
	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), preakthrough time >30 min.	s:
Skin and body protection	Protective clothing (e.g. Safety shoes acc. to EN ISO 20 ong-sleeved working clothing, long trousers). Rubber ap and protective boots are additionaly recommended for m and stirring work.	orons
Respiratory protection	n case of inadequate ventilation wear respiratory protect Respirator selection must be based on known or anticipate exposure levels, the hazards of the product and the safe ng 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 lo exhaust extraction or by general ventilation. (EN 689 - N bods for determining inhalation exposure). This applies in iccular to the mixing / stirring area. In case this is not suff to keep the concentrations under the occupational exposi- imits then respiration protection measures must be used	ated work- ocal leth- par- ficent sure
Environmental exposure con	S .	
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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 Appearance Colour Odour	:	liquid paste various odourless
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available

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# Upper/lower flammability or explosive limits

Upper explosion limit / Up- per 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
Water solubility	:	insoluble
	:	insoluble No data available
Water solubility Partition coefficient: n-	::	
Water solubility Partition coefficient: n- octanol/water	: :	No data available
Water solubility Partition coefficient: n- octanol/water Vapour pressure	::	No data available 0,01 hPa
Water solubility Partition coefficient: n- octanol/water Vapour pressure Density	: : : :	No data available 0,01 hPa ca. 1,43 g/cm3 (20 °C)

### 9.2 Other information

No data available

### **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.

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#### 10.5 Incompatible materials

Materials to avoid : No data available

#### 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/kg
Acute 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:

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-trimethylcyclohexyl 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

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	Test atmosphere: dust/mist Method: Calculation method						
Acute dermal toxicity	: LD50 Dermal (Rat): > 7.000 mg/kg						
Skin corrosion/irritation Not classified based on availab	ble information.						
Serious eye damage/eye irrit Not classified based on availab							
Respiratory or skin sensitisa	ition						
<b>Skin sensitisation</b> May cause an allergic skin read	ction.						
<b>Respiratory sensitisation</b> Not classified based on availab	ble information.						
Germ cell mutagenicity Not classified based on availab	Germ cell mutagenicity Not classified based on available information.						
Carcinogenicity Not classified based on available information.							
Reproductive toxicity Not classified based on available information.							
<b>STOT - single exposure</b> Not classified based on available information.							
<b>STOT - repeated exposure</b> Not classified based on available information.							
Aspiration toxicity Not classified based on availab	ble information.						
11.2 Information on other hazards	11.2 Information on other hazards						
Endocrine disrupting proper	Endocrine disrupting properties						
Product:							
Assessment	: The substance/mixture does not contain components consid- ered 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.						

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### **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 (Isophoronedial	ldir	nine):
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	ate	:
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
Reaction product of Hexamet ysilane:	thy	vlene diisocyanate, oligomers with Mercaptopropyltrimethox-
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

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#### 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	<ul> <li>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.</li> </ul>

#### 12.7 Other adverse effects

#### Product:

Additional ecological infor- mation	: 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 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 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

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Contaminated packaging

: 15 01 10\* packaging containing residues of or contaminated by dangerous substances

## **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 bazards					

#### 14.5 Environmental hazards

Not regulated as a dangerous good

## 14.6 Special precautions for user

Not applicable

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

### **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 the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

3-isocyanatomethyl-3,5,5-

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			trimethylcyclohexyl isocyanate (Number on list 74) 1,2-Benzenedicarboxylic acid, di-C9- 11-branched alkyl esters, C10-rich (Number on list 52)
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).			None of the components are listed (=> 0.1 %).
REACH - List of substances subje (Annex XIV)	ect to authorisation	:	Not applicable
Regulation (EC) No 1005/2009 or plete the ozone layer	n substances that de-	:	Not applicable
Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu-	:	Not applicable
Regulation (EC) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals			Not applicable
EACH Information: - registered by our upstr - registered by us, and/o - excluded from the registered from		trea /or gula	am suppliers, and/or tion, and/or
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma- jor-accident hazards involving dangerous substances. Not applicable			
Volatile organic compounds :	Law on the incentive ta (VOCV) no VOC duties	ax fo	or volatile organic compounds

Directive 2010/75/EU of 24 November 2010 on industrial 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.

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

Full text of H-Statement	
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 abbrev	
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
	Dangerous Goods by Road
CAS	: Chemical Abstracts Service
DNEL	: Derived no-effect level
EC50	: Half maximal effective concentration
GHS	: Globally Harmonized System
ΙΑΤΑ	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	: Median lethal dosis (the amount of a material, given all at
	once, which causes the death of 50% (one half) of a group of
	test animals)
LC50	: Median lethal concentration (concentrations of the chemical in
2000	air that kills 50% of the test animals during the observation
	period)
MARPOL	: International Convention for the Prevention of Pollution from
	Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
PBT	: Persistent, bioaccumulative and toxic
PNEC	: Predicted no effect concentration
REACH	
	: Regulation (EC) No 1907/2006 of the European Parliament
	and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi-
	istration, Evaluation, AuthonSation and Restriction of Chemi-

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	cals (REACH), establishing a European Chemicals Agency
SVHC :	Substances of Very High Concern
vPvB :	Very persistent and very bioaccumulative

## **Further information Classification of the mixture:** Skin Sens. 1

**Classification procedure:** 

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