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

#### 1.1 Product identifier

Trade name : Sikafloor<sup>®</sup> Marine Primer-C

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

Product use : Pretreatment agent

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited
		Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person	:	EHS@uk.sika.com
responsible for the SDS		

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

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

#### **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.
Long-term (chronic) aquatic hazard, Cat-	H412: Harmful to aquatic life with long lasting ef-
egory 3	fects.

#### 2.2 Label elements

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

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317 H412	May cause an allergic skin reaction. Harmful to aquatic life with long lasting ef- fects.



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Precautionary statements :	<b>Prevention:</b> P261 P273 P280	Avoid breathing mist or vapours. Avoid release to the environment. Wear protective gloves.
	Response:	
	P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
	P362 + P364	Take off contaminated clothing and wash it before reuse.
	Disposal:	
	P501	Dispose of contents/container in accordance with local regulation.

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

1,2-benzisothiazol-3(2H)-one (BIT)

2-octyl-2H-isothiazole-3-one (OIT)

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1))

## 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.	Classification	Concentration (% w/w)
	Registration number		
Phenol, 4-methyl-, reaction prod-	68610-51-5	Repr. 2; H361d	>= 0,25 - < 0,5
ucts with dicyclopentadiene and	271-867-2	Aquatic Chronic 4;	
isobutylene	01-2119496062-39-	H413	
	XXXX		

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1,2-benzisothiazol-3(2H)-one	2634-33-5	Acute Tox. 4; H302	>= 0,025 - <
(BIT)	2034-33-5 220-120-9 01-2120761540-60- XXXX	Acute Tox. 4, H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	>= 0,023 - < 0,05
		specific concentration limit Skin Sens. 1; H317 >= 0,05 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 597 mg/kg Acute inhalation tox- icity (dust/mist): 0,4 mg/l	
bronopol (INN)	52-51-7 200-143-0 01-2119980938-15- XXXX	Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,0025 - < 0,025
		M-Factor (Acute aquatic toxicity): 1010 M-Factor (Chronic aquatic toxicity): 1	

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2-octyl-2H-isothiazole-3-one (OIT)	26530-20-1 247-761-7 01-2120768921-45- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0025 - < 0,025
		M-Factor (Acute aquatic toxicity): 100100 M-Factor (Chronic aquatic toxicity): 100100 specific concentration	
		limit Skin Sens. 1A; H317 >= 0,0015 %	
		mate Acute oral toxicity: 125 mg/kg 125 mg/kg Acute inhalation tox- icity (dust/mist): 0,27 mg/l 0,27 mg/l Acute dermal toxicity:	
		311 mg/kg 311 mg/kg	



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mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2H- isothiazol-3-one [EC no. 220-239- 6] (3:1) (C(M)IT/MIT (3:1))	55965-84-9 911-418-6 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0002 - < 0,0015
		M-Factor (Acute aquatic toxicity): 100100M-Factor (Chronic aquatic toxicity): 100100specific concentration limit Skin Corr. 1C; H314 >= 0,6 % Skin Irrit. 2; H315 $0,06 - < 0,6 %$ Eye Irrit. 2; H319 $0,06 - < 0,6 %$ Skin Sens. 1A; H317 >= 0,0015 % Eye Dam. 1; H318	

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. 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.



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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 advic Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconsc	
4.2 Most important symptoms a	nd ef	fects, both acute and delayed	
Symptoms		Allergic reactions See Section 11 for more detailed information and symptoms.	on health effects
Diaka	: :	sensitising effects	
Risks			
4.3 Indication of any immediate	medi	May cause an allergic skin reaction. <b>cal attention and special treatment neede</b> Treat symptomatically	d
	medi	cal attention and special treatment needer	d
<ul> <li>4.3 Indication of any immediate Treatment</li> <li>SECTION 5: Firefighting mea</li> </ul>	medi	cal attention and special treatment needer	d
<b>4.3 Indication of any immediate</b> Treatment	medi Sure	cal attention and special treatment needer	et/carbon diox-
<ul> <li>4.3 Indication of any immediate Treatment</li> <li>SECTION 5: Firefighting mea</li> <li>5.1 Extinguishing media</li> </ul>	sure	<b>s</b> In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemic extinction.	et/carbon diox-
<ul> <li>4.3 Indication of any immediate Treatment</li> <li>SECTION 5: Firefighting mea</li> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>5.2 Special hazards arising from</li> </ul>	medi sure	<b>s</b> In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemic extinction.	et/carbon diox- al powder for
<ul> <li>4.3 Indication of any immediate Treatment</li> <li>SECTION 5: Firefighting mea</li> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>5.2 Special hazards arising from Hazardous combustion prod-</li> </ul>	medi sure	cal attention and special treatment needed Treat symptomatically. s In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemic extinction. substance or mixture	et/carbon diox- al powder for
<ul> <li>4.3 Indication of any immediate Treatment</li> <li>SECTION 5: Firefighting mea</li> <li>5.1 Extinguishing media Suitable extinguishing media</li> <li>5.2 Special hazards arising from Hazardous combustion prod- ucts</li> </ul>	medi sure	cal attention and special treatment needed Treat symptomatically. s In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemic extinction. substance or mixture	et/carbon diox- al powder for vn

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

## 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment.	
		Deny access to unprotected persons.	



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6.2 Environmental precautions			
Environmental precautions		Do not flush into surface water or sanitary If the product contaminates rivers and lak respective authorities.	
6.3 Methods and material for co	ontair	nment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g acid binder, universal binder, sawdust). Keep in suitable, closed containers for dis	
6.4 Reference to other sections	5		
For personal protection see	sectic	on 8.	
SECTION 7: Handling and st	orad		

	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. Follow standard hygiene measures when handling chemical products
	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, ir	nclu	uding 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.



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### 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

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *	
Contains no substances with occupational exposure limit values					

Contains no substances with occupational exposure limit values.

#### 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 approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer 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	: No special measures required.				
Environmental exposure controls					
General advice	<ul> <li>Do not flush into surface water or sanitary sewer system.</li> <li>If the product contaminates rivers and lakes or drains inform respective authorities.</li> </ul>				

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

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



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Physical state Colour	: liquid : white	
Odour	: slight	
Melting point/freezing point	: ca. 0 °C	
Initial boiling point and boiling range	: ca. 100 °C	
Flammability	: The product is not flammable.	
Upper/lower flammability or	xplosive limits	
Upper explosion limit / Up- per flammability limit		
Lower explosion limit / Lower flammability limit	: Not applicable	
Flash point	: Not applicable	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: ca. 8 (20 °C) Concentration: 100 %	
Viscosity		
Viscosity, kinematic	: > 7 mm2/s (40 °C)	
Solubility(ies)		
Water solubility	: completely soluble	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 23 hPa	
Density	: ca. 1,02 kg/l (20 °C)	
Couptry CB 00000121261		0 / 19



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Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information		
No data available		
SECTION 10: Stability and re	activity	
10.1 Reactivity		
No dangerous reaction know	n under conditions of normal use.	
10.2 Chemical stability		
The product is chemically st	ble.	
10.3 Possibility of hazardous re	actions	
Hazardous reactions	: No hazards to be specially mentioned.	
10.4 Conditions to avoid		
Conditions to avoid	: No data available	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decomposition	products	
No decomposition if stored a	nd applied as directed.	
SECTION 11: Toxicological	oformation	
11.1 Information on hazard clas	ses as defined in Regulation (EC) No 1272/20	08
Acute toxicity		
Not classified due to lack of	lata.	
Components:		
	products with dicyclopentadiene and isobuty	vlene:
i inclioi, <del>-</del> -incliiyi-, i-actioi	producto mitir dicyclopentaulene and isobut	

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.001 mg/kg

## 1,2-benzisothiazol-3(2H)-one (BIT):



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Acute oral toxicity	: LD50 Oral (Rat): 597 mg/kg	
	Acute toxicity estimate: 597 mg/kg Method: Calculation method	
Acute inhalation toxicity	: LC50: 0,4 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403	
	Acute toxicity estimate: 0,4 mg/l Test atmosphere: dust/mist Method: Calculation method	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 2.000 mg/kg	
2-octyl-2H-isothiazole-3-one	(OIT):	
Acute oral toxicity	: Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
	Acute toxicity estimate: 125 mg/kg Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
Acute inhalation toxicity	: Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
	Acute toxicity estimate: 0,27 mg/l Test atmosphere: dust/mist Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
Acute dermal toxicity	: Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according to No. 1272/2008	Regulation (EC)
mixture of: 5-chloro-2-methyl-4 one [EC no. 220-239-6] (3:1) (0	-isothiazolin-3-one [EC no. 247-500-7] and 2-m C(M)IT/MIT (3:1)):	ethyl-2H-isothiazol-3-
	: Assessment: Corrosive to the respiratory tra	act.

#### Skin corrosion/irritation

Not classified due to lack of data.



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Serious eye damage/eye irritati Not classified due to lack of data.					
Respiratory or skin sensitisation	n				
<b>Skin sensitisation</b> May cause an allergic skin reaction	on.				
<b>Respiratory sensitisation</b> Not classified due to lack of data.					
Components:					
1,2-benzisothiazol-3(2H)-one (E	SIT):				
Assessment :	May cause sensitisation by skin contact.				
<b>Germ cell mutagenicity</b> Not classified due to lack of data.					
<b>Carcinogenicity</b> Not classified due to lack of data.					
<b>Reproductive toxicity</b> Not classified due to lack of data.					
<b>STOT - single exposure</b> Not classified due to lack of data.					
<b>STOT - repeated exposure</b> Not classified due to lack of data.					
Aspiration toxicity Not classified due to lack of data.					
11.2 Information on other hazards					
Endocrine disrupting propertie	S				
Product:					
Assessment :	The substance/mixture does not contain componered to have endocrine disrupting properties accord REACH Article 57(f) or Commission Delegated re (EU) 2017/2100 or Commission Regulation (EU) levels of 0.1% or higher.	ording to egulation			



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

### 12.1 Toxicity

Components:						
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene:						
Toxicity to fish (Chronic tox- icity)	:	LC50: > 20 mg/l Exposure time: 96 d Species: Fish				
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	EC50: > 20 mg/l Exposure time: 48 d Species: Daphnia (water flea)				
1,2-benzisothiazol-3(2H)-one	(E	BIT):				
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 3 mg/l Exposure time: 48 h				
bronopol (INN):						
	:	10				
		10				
M-Factor (Chronic aquatic toxicity)	:	1				
2-octyl-2H-isothiazole-3-one	(0	IT):				
	:					
		100				
M-Factor (Chronic aquatic toxicity)	:	100				
		100				
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)):						
	:					
		100				

M-Factor (Chronic aquatic

: 100



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toxicity)

100

#### 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:

Assessm	en	t
/ 100000111	<b>U</b> 11	•

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

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

#### 13.1 Waste treatment methods

Product	<ul> <li>The generation of waste should be avoided or minimized 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</li> </ul>
	way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should



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at all times comply with the requirements of environme protection and waste disposal legislation and any regic local authority requirements. Avoid dispersal of spilled material and runoff and conta soil, waterways, drains and sewers.		d any regional	
European Waste Catalogue	:	08 01 11* waste paint and varnish containin vents or other dangerous substances	g organic sol-
Contaminated packaging	:	15 01 10* packaging containing residues of by dangerous substances	or contaminated

## **SECTION 14: Transport information**

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	s go	od
14.6 Special precautions for use	er	

14.1 UN number or ID number

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

Not applicable



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### **SECTION 15: Regulatory information**

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex	< 17)	:	Not applicable		
UK REACH Candidate list of substand concern (SVHC) for Authorisation	UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation				
	The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)				
International Chemical Weapons Con Schedules of Toxic Chemicals and Pr		:	Not applicable		
Regulation (EC) No 1005/2009 on sul plete the ozone layer	bstances that de-	:	Not applicable		
UK REACH List of substances subjec (Annex XIV)	ct to authorisation	:	Not applicable		
GB Export and import of hazardous c Informed Consent (PIC) Regulation	hemicals - Prior	:	Not applicable		
Control of Major Accident Hazards Re 2015 (COMAH)	egulations	Not	applicable		
Volatile organic compounds : La (Vo	w on the incentive t OCV) VOC duties	ax fc	r volatile organic compounds		
err			November 2010 on industrial ition prevention and control)		
If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.					

~				/
	specific for the substance or		Control of Substances Hazardous to Health Regulations	
	mental regulation/legislation		Health and Safety at Work Act 1974 & Subsidiary Regulation	S
	Health, safety and environ-	:	Environmental Protection Act 1990 & Subsidiary Regulations	;



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mixture:		(COSHH) May be subject to the Control of Major Accio Regulations (COMAH), and amendments.	dent Hazards		
15.2 Chemical safety assess	nent				
No Chemical Safety Asses	ssment	has been carried out for this mixture by the s	supplier.		
SECTION 16: Other inform	ation				
Full text of H-Statements	5				
H301	:	Toxic if swallowed.			
H302	:	Harmful if swallowed.			
H310	:	Fatal in contact with skin.			
H311	:	Toxic in contact with skin.			
H312	:	Harmful in contact with skin.			
H314	:	Causes severe skin burns and eye damage			
H315	:	: Causes skin irritation.			
H317	:	: May cause an allergic skin reaction.			
H318	:	Causes serious eye damage.			
H330	:	Fatal if inhaled.			
H331	:	Toxic if inhaled.			
H335	:	May cause respiratory irritation.			
H361d	:	Suspected of damaging the unborn child.			
H400	:	Very toxic to aquatic life.			
H410	:	Very toxic to aquatic life with long lasting eff			
H411	:	Toxic to aquatic life with long lasting effects			
H413	:	May cause long lasting harmful effects to ac	quatic life.		
Full text of other abbrevi	ations				
Acute Tox.	:	Acute toxicity			
Aquatic Acute	:	Short-term (acute) aquatic hazard			
Aquatic Chronic	:	Long-term (chronic) aquatic hazard			
Eye Dam.	:	Serious eye damage			
Repr.	:	Reproductive toxicity			
Skin Corr.	:	Skin corrosion			
Skin Irrit.	:	Skin irritation			
Skin Sens.	:	Skin sensitisation			

:	Specific target organ toxicity - single exposure
:	European Agreement concerning the International Carriage of
	Dangerous Goods by Road
:	Chemical Abstracts Service

- Derived no-effect levelHalf maximal effective concentration
  - : Globally Harmonized System
    - : International Air Transport Association
      - : International Maritime Code for Dangerous Goods
- 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)

STOT SE

ADR

CAS DNEL

EC50

GHS

IATA

IMDG

LD50



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LC50	<ul> <li>Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)</li> </ul>		
MARPOL	: Inter	national Convention for the Prevention	of Pollution from
	Ship	s, 1973 as modified by the Protocol of	1978
OEL	: Occi	upational Exposure Limit	
PBT	: Pers	sistent, bioaccumulative and toxic	
PNEC	: Pred	licted no effect concentration	
REACH	: Reg	ulation (EC) No 1907/2006 of the Euro	pean Parliament
	and	of the Council of 18 December 2006 co	oncerning the Reg-
		tion, Evaluation, Authorisation and Res	<b>e</b>
		(REACH), establishing a European Ch	
SVHC		stances of Very High Concern	3,
vPvB		persistent and very bioaccumulative	
Further information			

Classification of the mixtu	Classification procedure:	
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	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 !

GB / EN