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

1.1 Product identifier

Trade name : Sikafloor®-378 Part A

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

Product use : Epoxy coating

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 Telefax E-mail address of person	:	+44 (0)1707 394444 +44 (0)1707 329129 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 irritation, Category 2	H315: Causes skin irritation.				
Eye irritation, Category 2	H319: Causes serious eye irritation.				
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.				
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)





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Hazard statements :	H315 H317 H319 H411	Causes skin irritation. May cause an allergic skin react Causes serious eye irritation. Toxic to aquatic life with long las	
Precautionary statements :	Prevention: P261 P264 P273 P280	Avoid breathing mist or vapours. Wash skin thoroughly after hand Avoid release to the environmen Wear protective gloves/ eye prot protection.	lling. t.
	Response:		
	P333 + P313	If skin irritation or rash occurs: G advice/ attention.	et medical
	P391	Collect spillage.	

Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxi)phenyl]propane bis-[4-(2,3-epoxypropoxy)phenyl]methane oxirane, mono[(C12-14-alkyloxy)methyl] derivs. p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

Additional Labelling

EUH211

1 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.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
bis-[4-(2,3- epoxipropoxi)phenyl]propane	1675-54-3 216-823-5 01-2119456619-26- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411 specific concentration limit Eye Irrit. 2; H319 >= 5 % Skin Irrit. 2; H315 >= 5 %	>= 25 - < 40
bis-[4-(2,3- epoxypropoxy)phenyl]methane	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 5 - < 10
oxirane, mono[(C12-14- alkyloxy)methyl] derivs.	68609-97-2 271-846-8 01-2119485289-22- XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 2,5 - < 5
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 Acute toxicity esti- mate Acute oral toxicity: 1.620 mg/kg Acute inhalation tox- icity (dust/mist): 4,178 mg/l	>= 1 - < 2,5
p-tert-butylphenyl 1-(2,3- epoxy)propyl ether	3101-60-8 221-453-2 01-2119959496-20- XXXX	Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 1 - < 2,5

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Substances with a workplace expos	sure limit :	
titanium dioxide; [in powder form	13463-67-7	>= 5 - < 10
containing 1 % or more of parti-	236-675-5	
cles with aerodynamic diameter ≤	01-2119489379-17-	
10 µm]	XXXX	

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.
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	s and e	ffects, both acute and delayed
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	:	irritant effects sensitising effects Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.



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4.3 Indication of any immediate I	neo	dical attention and special treatment needed	ł
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 je ide/sand/foam/alcohol resistant foam/chemica extinction.	
5.2 Special hazards arising from	the	e substance or mixture	
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter courses.	drains or water
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	'n
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breath	ning apparatus.
Further information	:	Collect contaminated fire extinguishing water	separately. This
		must not be discharged into drains. Fire residues and contaminated fire extinguisl be disposed of in accordance with local regula	
SECTION 6: Accidental releas	se r	neasures	
6.1 Personal precautions, protect	tiv	e equipment and emergency procedures	
		Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions	:	Do not flush into surface water or sanitary sev If the product contaminates rivers and lakes or respective authorities.	
6.3 Methods and material for cor	ntai	nment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispos	-

6.4 Reference to other sections

For personal protection see section 8.



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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 asthma, 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 application 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, incl	luding 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)	
	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; [in powder form contain- ing 1 % or more of particles with aerody-	13463-67-7	TWA (inhalable dust)	10 mg/m3	GB EH40



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namic diameter ≤ 10 µm]			
	TWA (Respirable dust)	4 mg/m3	GB EH40

*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

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 additionally recommended for mixing and stirring work.	S
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 wor 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.	rk- - -
Environmental exposure cont	bis	

General advice	: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform
	respective authorities.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

i mormation on basic physical	an	
Physical state	:	liquid
Appearance	:	viscous
Colour	:	various
Odour	:	epoxy-like
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or	exp	losive limits
Upper explosion limit / Up-		
per flammability limit		
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	ca. 86 °C
·		Method: closed cup
Auto-ignition temperature	:	ca. 436 °C
Decomposition temperature	:	No data available
Decempeenen temperature	•	
рН	:	ca. 6,5 (20 °C)
		Concentration: 100 %
Viscosity		
Viscosity, dynamic		ca. 4.000 mPa.s (20 °C)
viscosity, dynamic	•	ca. 4.000 mr a.s (20 °C)
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies)		
		insoluble
Water solubility	:	INSUIDIE



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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,63 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information No data available		
No data available SECTION 10: Stability and r 10.1 Reactivity	-	
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability	n under conditions of normal use.	
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically si	n under conditions of normal use. ble.	
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically si	n under conditions of normal use. ble.	conditions.
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically st 10.3 Possibility of hazardous r Hazardous reactions	n under conditions of normal use. ble. actions	conditions.
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically st 10.3 Possibility of hazardous r Hazardous reactions	n under conditions of normal use. ble. actions	conditions.
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically si 10.3 Possibility of hazardous r Hazardous reactions 10.4 Conditions to avoid Conditions to avoid	n under conditions of normal use. ble. actions : Stable under recommended storage of	conditions.
SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically st 10.3 Possibility of hazardous r Hazardous reactions 10.4 Conditions to avoid	n under conditions of normal use. ble. actions : Stable under recommended storage of	conditions.
No data available SECTION 10: Stability and r 10.1 Reactivity No dangerous reaction know 10.2 Chemical stability The product is chemically si 10.3 Possibility of hazardous r Hazardous reactions 10.4 Conditions to avoid Conditions to avoid 10.5 Incompatible materials	n under conditions of normal use. ble. actions : Stable under recommended storage of : No data available : No data available	conditions.

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

Acute toxicity

Not classified based on available information.



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Components:		
bis-[4-(2,3-epoxipropoxi)pl	nyl]propane:	
Acute oral toxicity	: LD50 Oral (Rat): > 5.000 mg/kg	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 5.000 mg	g/kg
oxirane, mono[(C12-14-alk	oxy)methyl] derivs.:	
Acute oral toxicity	: LD50 Oral (Rat): > 5.000 mg/kg	
benzyl alcohol:		
Acute oral toxicity	: LD50 Oral (Rat): 1.620 mg/kg	
	Acute toxicity estimate: 1.620 mg/l Method: Calculation method	kg
Acute inhalation toxicity	: LC50 (Rat): > 4,178 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
	Acute toxicity estimate: 4,178 mg/l Test atmosphere: dust/mist Method: Calculation method	Ι
p-tert-butylphenyl 1-(2,3-e	oxy)propyl ether:	
Acute oral toxicity	: LD50 Oral (Rat): > 5.000 mg/kg	
Acute inhalation toxicity	: LC50 (Rat): 3.466 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
Acute dermal toxicity	: LD50 Dermal (Rabbit): 6.000 mg/k	¢σ
Skin corrosion/irritation Causes skin irritation.		
Serious eye damage/eye ir Causes serious eye irritatior	ation	
Respiratory or skin sensiti	ation	
Skin sensitisation May cause an allergic skin re	ction.	
Respiratory sensitisation Not classified based on avai		
Germ cell mutagenicity Not classified based on avai		



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Carcinogenicity Not classified based on available information.		
Reproductive toxicity Not classified based on available information.		
STOT - single exposure Not classified based on available information.		
STOT - repeated exposure Not classified based on available information.		
Aspiration toxicity Not classified based on available information.		
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:

bis-[4-(2,3-epoxipropoxi)phenyl]propane:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 1,8 mg/l Exposure time: 48 h
benzyl alcohol:		
Toxicity to fish	:	LC50 (Fish): > 100 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

12.2 Persistence and degradability

No data available



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12.3 Bioaccumulative potential No data available			
12.4 Mobility in soil No data available			
12.5 Results of PBT and vPvB a	asse	ssment	
Product:			
Assessment	:	This substance/mixture contains no comp to be either persistent, bioaccumulative ar very persistent and very bioaccumulative 0.1% or higher	nd toxic (PBT), or
12.6 Endocrine disrupting prop	ertie	S	
Product:			
Assessment	:	The substance/mixture does not contain c ered to have endocrine disrupting properti REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	ies according to gated regulation
12.7 Other adverse effects			
Product:			
Additional ecological infor- mation	:	An environmental hazard cannot be exclu- unprofessional handling or disposal. Toxic to aquatic life with long lasting effec	
SECTION 13: Disposal cons	idera	ations	
13.1 Waste treatment methods			
Product	:	The generation of waste should be avoide wherever possible. Empty containers or liners may retain som	

 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 solvents or other dangerous substances



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Contaminated packaging	:	15 01 10* packaging containing residues of or on by dangerous substances	contaminated
SECTION 14: Transport inform	nat	tion	
14.1 UN number or ID number			
ADR	:	UN 3082	
IMDG	:	UN 3082	
ΙΑΤΑ	:	UN 3082	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTAN N.O.S. (epoxy resin)	NCE, LIQUID,
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTAN N.O.S. (epoxy resin)	NCE, LIQUID,
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n (epoxy resin)	.0.S.
14.3 Transport hazard class(es)			
		Class Subsidiary risks	
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	:	III M6 90 9 (-)	
IMDG Packing group Labels EmS Code	:	III 9 F-A, S-F	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ)	:	964 Y964	



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Packing group Labels	:	III Miscellaneous			
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	964 Y964 III Miscellaneous			
14.5 Environmental hazards					
ADR Environmentally hazardous	:	yes			
IMDG Marine pollutant	:	yes			
IATA (Passenger) Environmentally hazardous	:	yes			
IATA (Cargo) Environmentally hazardous	:	yes			
14.6 Special precautions for use	r				

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 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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable



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Regulation (EC) No 1005/2009 plete the ozone layer	on substances that de- : Not applicable	
UK REACH List of substances (Annex XIV)	subject to authorisation : Not applicable	
GB Export and import of hazar Informed Consent (PIC) Regul		
Control of Major Accident Haz 2015 (COMAH) Volatile organic compounds	ards Regulations E2 ENVIRONMENTAL HAX : Law on the incentive tax for volatile organic co (VOCV) Volatile organic compounds (VOC) content: 3, Directive 2010/75/EU of 24 November 2010 or	mpounds 3% w/w
	emissions (integrated pollution prevention and Volatile organic compounds (VOC) content: 3,	

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environ-	: Environmental Protection Act 1990 & Subsidiary Regulations
mental regulation/legislation	Health and Safety at Work Act 1974 & Subsidiary Regulations
specific for the substance or	Control of Substances Hazardous to Health Regulations
mixture:	(COSHH)
	May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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

H302:Harmful if swallowed.H315:Causes skin irritation.H317:May cause an allergic skin reaction.H319:Causes serious eye irritation.H322:Harmful if inhaled.H411:Toxic to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.:Aquatic Chronic:Eye Irrit.:Eye Irrit.:Chronic:Del te in:Other in:Chronic:
H317:May cause an allergic skin reaction.H319:Causes serious eye irritation.H332:Harmful if inhaled.H411:Toxic to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.:Acute Tox.:Aquatic Chronic:Eye Irrit.:Eye Irrit.:Eye Irrit.:Eye Irrit.:
H319:Causes serious eye irritation.H332:Harmful if inhaled.H411:Toxic to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardEye Irrit.:Eye irritation
H332:Harmful if inhaled.H411:Toxic to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.:Aquatic Chronic:Eye Irrit.:Eye Irrit.:Eye irritation
H411:Toxic to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.:Aquatic Chronic:Eye Irrit.:Eye Irrit.:Eye irritation
Full text of other abbreviations Acute Tox. : Acute toxicity Aquatic Chronic : Long-term (chronic) aquatic hazard Eye Irrit. : Eye irritation
Acute Tox.: Acute toxicityAquatic Chronic: Long-term (chronic) aquatic hazardEye Irrit.: Eye irritation
Aquatic Chronic:Long-term (chronic) aquatic hazardEye Irrit.:Eye irritation
Eye Irrit. : Eye irritation
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
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
IATA : 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 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-
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: Classification procedure:
Skin Irrit. 2 H315 Calculation method

H319

Eye Irrit. 2

Calculation method



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Skin Sens. 1	H317	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 !

GB / EN