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

1.1 Product identifier

Trade name : Sikasil[®] WS-290 EU

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

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)

Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	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 H319	May cause an allergic skin reaction. Causes serious eye irritation.	
Precautionary statements	:	Prevention: P261 P280	Avoid breathing dust. Wear protective gloves/ eye protection/ face	



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		protection.	
	Response:		
	P333 + P313	If skin irritation or rash occurs: advice/ attention.	Get medical
	P337 + P313	If eye irritation persists: Get m attention.	edical advice/
	P362 + P364	Take off contaminated clothing before reuse.	g and wash it
	Disposal:		
	P501	Dispose of contents/container with local regulation.	in accordance

Hazardous components which must be listed on the label:

2-butanone-O,O',O''-(phenylsilylidyne)trioxime N-(2-aminoethyl)-N'-[3-(trimethoxysilyl)propyl]ethylenediamine butan-2-one O,O',O''-(methylsilylidyne)trioxime

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		· · · ·
2-butanone-O,O',O"-	34036-80-1	STOT RE 2; H373	>= 2,5 - < 5
(phenylsilylidyne)trioxime	433-360-6	Skin Sens. 1; H317	
	01-2119985171-36-	Aquatic Chronic 3;	
	XXXX	H412	



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N-(2-aminoethyl)-N'-[3- (trimethoxysi- lyl)propyl]ethylenediamine	35141-30-1 252-390-9 01-2120770264-55- XXXX	Acute Tox. 4; H332 Eye Dam. 1; H318 Skin Sens. 1A; H317 Acute toxicity esti- mate Acute inhalation tox- icity (dust/mist): 1,49 mg/l	>= 1 - < 2,5
butan-2-one O,O',O"- (methylsilylidyne)trioxime	22984-54-9 245-366-4 01-2119970560-38- XXXX	Eye Irrit. 2; H319 Skin Sens. 1; H317 STOT RE 2; H373	>= 1 - < 2,5
Substances with a workplace exp	osure limit :		
Limestone Contains: Quartz (SiO2) <5µm >= 0,1 %	1317-65-3 215-279-6		>= 25 - < 40
calcium carbonate	471-34-1 207-439-9 01-2119486795-18- XXXX		>= 2,5 - < 5

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.



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4.2 Most important symptoms and	d effects, both acute and delayed	
Symptoms	: Allergic reactions Excessive lachrymation See Section 11 for more detailed information and symptoms.	on on health effects
Risks	: irritant effects sensitising effects	
	May cause an allergic skin reaction. Causes serious eye irritation.	
4.3 Indication of any immediate m	edical attention and special treatment need	led
Treatment	: Treat symptomatically.	
5.1 Extinguishing media Suitable extinguishing media	: In case of fire, use water/water spray/water	r jet/carbon diox-
5.1 Extinguishing media Suitable extinguishing media	ide/sand/foam/alcohol resistant foam/chem	
Suitable extinguishing media	ide/sand/foam/alcohol resistant foam/chem extinction.	
Suitable extinguishing media 5.2 Special hazards arising from t	ide/sand/foam/alcohol resistant foam/chem extinction. he substance or mixture	ical powder for
Suitable extinguishing media 5.2 Special hazards arising from t	ide/sand/foam/alcohol resistant foam/chem extinction.	ical powder for
Suitable extinguishing media 5.2 Special hazards arising from the Hazardous combustion products	ide/sand/foam/alcohol resistant foam/chem extinction. he substance or mixture	ical powder for
Suitable extinguishing media 5.2 Special hazards arising from the Hazardous combustion products 5.3 Advice for firefighters	ide/sand/foam/alcohol resistant foam/chem extinction. he substance or mixture	ical powder for own
 Suitable extinguishing media 5.2 Special hazards arising from the Hazardous combustion products 5.3 Advice for firefighters Special protective equipment for firefighters 	ide/sand/foam/alcohol resistant foam/chem extinction. he substance or mixture : No hazardous combustion products are known	ical powder for own
 Suitable extinguishing media 5.2 Special hazards arising from the Hazardous combustion products 5.3 Advice for firefighters Special protective equipment for firefighters 	 ide/sand/foam/alcohol resistant foam/chemextinction. he substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained bre Standard procedure for chemical fires. 	ical powder for own
Suitable extinguishing media 5.2 Special hazards arising from the Hazardous combustion prod- ucts 5.3 Advice for firefighters Special protective equipment for firefighters Further information SECTION 6: Accidental release	 ide/sand/foam/alcohol resistant foam/chemextinction. he substance or mixture No hazardous combustion products are known In the event of fire, wear self-contained bre Standard procedure for chemical fires. 	ical powder for own

6.2 Environmental precautions

Environmental precautions	:	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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6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Pick up and arrange disposal without creating dust. 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	:	Do not breathe vapours/dust. 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, i	ncl	uding 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

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Components	CAS-No.	Value type (Form	Control parame-	Basis *
		of exposure)	ters *	
Limestone	1317-65-3	TWA (inhalable dust)	10 mg/m3	GB EH40
	dust and inha will be collected the methods of pling and grave aerosols., The health included in air equal to dust or 4 mg.r any dust will be above these for WELs and exclimits., Most in sizes. The bell after entry into sponse that it HSE distingui termed 'inhalad the fraction of during breathing respiratory transpenetrates to tions and explicitly dusts contain the relevant lin short-term explicitly and the sponse that it	<u>I dust</u>) nation: For the purpo- lable dust are those ed when sampling is described in MDHS1 vimetric analysis or r e COSHH definition es dust of any kind w or greater than 10 r m-3 8-hour TWA of r be subject to COSHI evels. Some dusts h posure to these mus- haviour, deposition a o the human respira elicits, depend on the shes two size fraction able' and 'respirable' fairborne material the ing and is therefore fairborne material are components that has mits should be compo- posure limit is listed, e limit should be use	fractions of airbor a undertaken in acc 4/4 General meth- respirable, thoracid of a substance hat then present at a c ng.m-3 8-hour TW respirable dust. The dif people are exp ave been assigne at comply with the nin particles of a wi and fate of any part tory system, and the nature and size ons for limit-setting at enters the nose available for depose approximates to the egion of the lung. I e given in MDHS14 we their own assigned a figure three time	ne dust which cordance with ods for sam- c and inhalable zardous to concentration /A of inhalable is means that oosed to dust d specific appropriate ide range of rticular particle he body re- of the particle purposes pproximates to and mouth sition in the ne fraction that Fuller defini- 4/4., Where gned WEL, all no specific
		TWA (Respirable dust)	4 mg/m3	GB EH40
calcium carbonate	471-34-1	TWA (inhalable dust)	10 mg/m3	GB EH40
	dust and inha will be collected the methods of pling and grav aerosols., The health included in air equal to dust or 4 mg.r any dust will be above these le WELs and ex limits., Most in sizes. The be	nation: For the purpo- lable dust are those ed when sampling is described in MDHS1 vimetric analysis or r e COSHH definition es dust of any kind w or greater than 10 r m-3 8-hour TWA of r be subject to COSHI evels. Some dusts h posure to these mus- ndustrial dusts conta- haviour, deposition a o the human respira- elicits, depend on th	fractions of airbor a undertaken in acc 4/4 General methor respirable, thoracio of a substance has then present at a cong.m-3 8-hour TW respirable dust. The difference of a signe ave been assigne at comply with the in particles of a wi and fate of any particles tory system, and the	ne dust which cordance with ods for sam- c and inhalable zardous to concentration /A of inhalable is means that oosed to dust d specific appropriate ide range of rticular particle he body re-

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HSE distinguishes two size fractions for limit-setting purposes

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	termed 'inhalable' and 'respirab the fraction of airborne material during breathing and is therefor respiratory tract. Respirable du penetrates to the gas exchange tions and explanatory material dusts contain components that the relevant limits should be co short-term exposure limit is listed term exposure limit should be u	that enters the nose re available for depo st approximates to the region of the lung. are given in MDHS1 have their own assig mplied with., Where ed, a figure three tim used.	e and mouth sition in the he fraction that Fuller defini- 4/4., Where gned WEL, all no specific les the long-
	TWA (Respirable dust)	e 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.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
		nation: Indicative, Ide nrough the skin	entifies the possibi	ility of signifi-
		TWA	200 ppm 266 mg/m3	GB EH40
	signed substa	nation: Can be abso ances are those for v ption will lead to sys	which there are co	
		STEL	250 ppm 333 mg/m3	GB EH40

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	:	Eye wash bottle with pure water 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.
		Recommended: Butyl rubber/nitrile rubber gloves. Contaminated gloves should be removed.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated
		7/



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	exposure levels, the hazards of the prod ing limits of the selected respirator. Ensure adequate ventilation. This can be exhaust extraction or by general ventilati ods for determining inhalation exposure) ticular to the mixing / stirring area. In cas to keep the concentrations under the occ limits then respiration protection measure	e achieved by local ion. (EN 689 - Meth-). This applies in par- se this is not sufficent cupational exposure
Environmental exposure co	ntrols	
General advice	: Do not flush into surface water or sanitar If the product contaminates rivers and la respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Appearance Colour Odour	:	solid paste black characteristic
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 / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature		No data available
рН	:	ca. 6,7 Concentration: 100 %
Viscosity		
Viscosity, kinematic	:	No data available



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Solubility(ies)			
Water solubility	:	No data available	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	No data available	
Density	:	ca. 1,40 g/cm3	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	
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

No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition : methanol, butanone oxime products

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.



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<u>Components:</u>		
N-(2-aminoethyl)-N'-[3-(trin	ethoxysilyl)propyl]ethylenediamine:	
Acute oral toxicity	: LD50 Oral (Rat): 7.758 mg/kg	
Acute inhalation toxicity	: LC50 (Rat): > 1,49 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
	Acute toxicity estimate: 1,49 mg/l Test atmosphere: dust/mist Method: Calculation method	
Acute dermal toxicity	: LD50 Dermal (Rat): 16.640 mg/kg	
Skin corrosion/irritation Not classified based on avai	able information.	
Serious eye damage/eye ir Causes serious eye irritation		
Respiratory or skin sensiti	sation	
Skin sensitisation May cause an allergic skin re	action.	
Respiratory sensitisation Not classified based on avai	able information.	
Germ cell mutagenicity Not classified based on avai	able information.	
Carcinogenicity Not classified based on avai	able information.	
Reproductive toxicity Not classified based on avai	able information.	
STOT - single exposure Not classified based on avai	able information.	
STOT - repeated exposure Not classified based on avai	able information.	
Aspiration toxicity Not classified based on avai	able information.	
2 Information on other haza	ds	
Endocrine disrupting prop	erties	
Product: Assessment	: The substance/mixture does not cont	



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	ered to have endocrine disrupting propert REACH Article 57(f) or Commission Deleg (EU) 2017/2100 or Commission Regulation levels of 0.1% or higher.	gated regulation
SECTION 12: Ecological inform	ation	
12.1 Toxicity No data available		
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 ass	essment	
<u>Product:</u> 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 propert	ies	
Product:		
Assessment	The substance/mixture does not contain of 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		
<u>Product:</u> Additional ecological infor- mation	There is no data available for this product	•
SECTION 13: Disposal conside	rations	
13.1 Waste treatment methods		
Product	The generation of waste should be avoide wherever possible.	



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	This material and its container must be	disposed of in a safe
	way.	
	Dispose of surplus and non-recyclable products via a licer waste disposal contractor. Disposal of this product, solutions and any by-products sh at all times comply with the requirements of environmenta	
	protection and waste disposal legislatio local authority requirements.	n and any regional
	Avoid dispersal of spilled material and r	runoff and contact with

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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			
	3-		

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied.



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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)		:	Not applicable
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors		:	Not applicable
Regulation (EC) No 1005/2009 o plete the ozone layer	n substances that de-	:	Not applicable
GB Export and import of hazardo Informed Consent (PIC) Regulati		:	Not applicable
Control of Major Accident Hazard 2015 (COMAH)	ls Regulations	No	t applicable
Volatile organic compounds :	(VOCV)		or volatile organic compounds ds (VOC) content: < 0% w/w
	emissions (integrate	d poll	4 November 2010 on industrial ution prevention and control) ds (VOC) content: < 0% w/w
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- mental regulation/legislation specific for the substance or mixture:	 Environmental Protection Act 1990 & Subsidiary Regulations Health and Safety at Work Act 1974 & Subsidiary Regulations Control of Substances Hazardous to Health Regulations (COSHH) May be subject to the Control of Major Accident Hazards
	Regulations (COMAH), and amendments.

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

H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H332	: Harmful if inhaled.



H373Harmonia in the exposure in the e	Date of last issue: 11.01.2023 Revision Date: 13.12.2023		Version 3.2	Print Date 13.12.2023
H412Harmful to aquatic life with long lasting effects.Full text of other abbreviationsAcute Tox.: Acute toxicityAquatic Chronic:: Long-term (chronic) aquatic hazardEye Dam.:: Serious eye damageEye Irrit.:: Eye irritationSkin Sens.:: Skin sensitisationSTOT RE:: Specific target organ toxicity - repeated exposure2006/15/EC:: Europe. Indicative occupational exposure limit valuesGB EH40:: UK, EH40 WEL - Workplace Exposure Limits2006/15/EC / TWA:: Limit Value - eight hoursGB EH40 / TWA:: Cong-term exposure limit (3-hour TWA reference period)GB EH40 / STEL:: Short-term exposure limit (4-hour TWA reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (15-minute reference period)GB EH40 / STEL:: Short-term exposure limit (16-hour the mexposure limit (1	H373	:		ed or repeated
Acute Tox.::Acute toxicityAquatic Chronic::Long-term (chronic) aquatic hazardEye Dam.::Serious eye damageEye Irrit.::Eye irritationSkin Sens.::Skin sensitisationSTOT RE::Specific target organ toxicity - repeated exposure2006/15/EC::Europe. Indicative occupational exposure limit valuesGB EH40::UK. EH40 WEL - Workplace Exposure limit (3-inour TWA reference period)GB EH40 / TWA::Long-term exposure limit (3-inour TWA reference period)GB EH40 / STEL::Short-term exposure limit (3-inour toward effect exposure)GAS::Chemical Abstracts ServiceDNEL::Short-term exposureDNEL::Short-term exposureGHS::Chemical Abstracts ServiceDNEL::Slobally Harmonized SystemIATA::International Maritime Code for Dangerous GoodsLD50::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 animalsLC50::<	H412	:	•	
Aquatic Chronic::Long-term (chronic) aquatic hazardEye Dam.::Serious eye damageEye Init.::Eye irritationSkin Sens.::Skin sensitisationSTOT RE::Specific target organ toxicity - repeated exposure2006/15/EC::Europe. Indicative occupational exposure limit valuesGB EH40::UK. EH40 WEL - Workplace Exposure Limits2006/15/EC::Limit Value - eight hoursGB EH40 / TWA:Long-term exposure limit (16-nur TWA reference period)GB EH40 / STEL:Short-term exposure limit (16-nur turn) reference period)GB EH40 / STEL:Short-term exposure limit (16-nur turn)GB EH40 / STEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS::International Maritime Code for Dangerous GoodsLD50:Median lethal d	Full text of other abbreviation	ons		
Aquatic Chronic::Long-term (chronic) aquatic hazardEye Dam.::Serious eye damageEye Init.::Eye irritationSkin Sens.::Skin sensitisationSTOT RE::Specific target organ toxicity - repeated exposure2006/15/EC::Europe. Indicative occupational exposure limit valuesGB EH40::UK. EH40 WEL - Workplace Exposure Limits2006/15/EC::Limit Value - eight hoursGB EH40 / TWA:Long-term exposure limit (16-hour TWA reference period)GB EH40 / STEL:Short-term exposure limit (16-hour TWA reference period)GB EH40 / STEL:Short-term exposure limit (16-minute reference period)ADR:European Agreement concerning the International Carriage of Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Maritime Code for Dangerous GoodsLD50: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:::PBT:::PGE:::OEL:::PGIdet no ef	Acute Tox		Acute toxicity	
Eye Dam.:Serious eye damageEye Irrit.:Eye irritationSkin Sens.:Skin sensitisationSTOT RE:Specific target organ toxicity - repeated exposure2006/15/EC:Europe. Indicative occupational exposure limit valuesGB EH40:UK. EH40 WEL - Workplace Exposure limits2006/15/EC:Limit Value - eight hoursGB EH40 / TWA:Limit Value - eight hoursGB EH40 / TWA:Long-term exposure limit (8-hour TWA reference period)GB EH40 / STEL:Short-term exposure limit (15-minute reference period)GB EH40 / STEL:Short-term exposure limit (15-minute reference period)ADR:European Agreement concerning the International Carriage of Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Air Transport AssociationIMDG:International concentration (concentration of Pollution from Ships, 1973 as modified by the Protocol of 1978OEL::Occupational Exposure LimitPBT:Predicted no effect concentrationREACH: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), establishin		:		
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Skin Sens. 1	H317	Calculation method		



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Print Date 13.12.2023

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 !

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