

Revision Date: 19.02.2025 Date of last issue: - Version 1.0

Print Date 28.03.2025

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

1.1 Product identifier

Trade name

: Sikadur[®]-31+ Rapid Part B

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

Product use : Adhesive

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Ireland Ltd
		Sika House
		Ballymun Industrial Estate
		Dublin 11
Telephone	:	+353 1862 0709
E-mail address of person	:	EHS@UK.Sika.com
responsible for the SDS		

1.4 Emergency telephone number

National Poisons Information Centre (NPIC) (01) 809 2166 (available 8am - 10pm every day)

Sika Ireland (01) 862 0709 (available during office hours)

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.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Cat- egory 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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

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Revision Date: 19.02.2025 Version 1.0 Print Date 28.03.2025 Date of last issue: -Hazard pictograms Signal word Danger 1 H315 Causes skin irritation. Hazard statements May cause an allergic skin reaction. H317 Causes serious eye damage. H318 Harmful to aquatic life with long lasting effects. H412 P101 If medical advice is needed, have product Precautionary statements : container or label at hand. P102 Keep out of reach of children. Prevention: P261 Avoid breathing dust. P280 Wear protective gloves/ eye protection/ face protection. Response: P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. **Disposal:** P501 Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

Amines, polyethylenepoly-, triethylenetetramine fraction N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine m-phenylenebis(methylamine) 3,6-diazaoctanethylenediamin

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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according to Regulation (EC) No. 1907/2006, as amended by Commission Regula-
tion (EU) 2020/878
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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)
Amines, polyethylenepoly-, tri- ethylenetetramine fraction Contains: 2-(2-aminoethylamino)ethanol <= 0,3 %	90640-67-8 292-588-2 01-2119487919-13- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 EUH071 Acute toxicity esti- mate Acute oral toxicity: 1.716 mg/kg Acute dermal toxicity: 1.465 mg/kg	>= 3 - < 5
N'-(3-aminopropyl)-N,N- dimethylpropane-1,3-diamine	10563-29-8 234-148-4 01-2119970376-29- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1A; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Acute toxicity esti- mate Acute oral toxicity: 1.669 mg/kg Acute dermal toxicity: 1.310 mg/kg	>= 1 - < 2,5
modified amine	Not Assigned Not Assigned	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,5 - < 1

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

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Revision Date: 19.02.2025 Version 1.0 Print Date 28.03.2025 Date of last issue: m-phenylenebis(methylamine) 1477-55-0 Acute Tox, 4: H302 >= 0,25 - < 0,5 Acute Tox, 4: H332 216-032-5 01-2119480150-50-Skin Corr. 1B; H314 XXXX Skin Sens. 1B; H317 Aquatic Chronic 3; H412 EUH071 Acute toxicity estimate Acute oral toxicity: 930 ma/ka Acute inhalation toxicity (dust/mist): 1,34 mg/l 112-24-3 Acute Tox. 4; H302 >= 0,1 - < 0,25 3,6-diazaoctanethylenediamin 203-950-6 Acute Tox. 4; H312 01-2119487919-13-Skin Corr. 1B; H314 XXXX (covered by Eye Dam. 1; H318 CAS 90640-67-8) Skin Sens. 1; H317 Aquatic Chronic 3: H412 Acute toxicity estimate Acute oral toxicity: 1.716 mg/kg Acute dermal toxicity: 1.465 mg/kg Substances with a workplace exposure limit : Quartz (SiO2) 14808-60-7 >= 40 - < 60 238-878-4 Limestone 1317-65-3 >= 20 - < 25 Contains: 215-279-6 Crystalline silica >= 0,1 %

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.

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In case of skin contact	:	Take off contaminated clothing and shoes Wash off with soap and plenty of water. If symptoms persist, call a physician.	s immediately.
In case of eye contact	:	Small amounts splashed into eyes can ca sue damage and blindness. In the case of contact with eyes, rinse imr of water and seek medical advice. Continue rinsing eyes during transport to Remove contact lenses. Keep eye wide open while rinsing.	nediately with plenty
If swallowed	:	Do not induce vomiting without medical ac Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an uncor	
4.2 Most important symptoms a	nd	effects, both acute and delayed	
Symptoms	:	Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed informat and symptoms.	tion on health effects
Risks	:	irritant effects sensitising effects	
		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.	
4.3 Indication of any immediate	me	dical attention and special treatment nee	eded
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting mean	sui	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/wate ide/sand/foam/alcohol resistant foam/cher extinction.	

5.2 Special hazards arising from the substance or mixture

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

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5.3 Advice for firefighters				
Special protective equipment : for firefighters	In the event of fire, wear self-contained breathing	apparatus.		
Further information :	Standard procedure for chemical fires.			
SECTION 6: Accidental release r	neasures			
6.1 Personal precautions, protective	e equipment and emergency procedures			
Personal precautions :	Use personal protective equipment. Deny access to unprotected persons.			
6.2 Environmental precautions				
Environmental precautions :	Do not flush into surface water or sanitary sewer If the product contaminates rivers and lakes or dr respective authorities.			
6.3 Methods and material for containment and cleaning up				
Methods for cleaning up :	Pick up and arrange disposal without creating dua Keep in suitable, closed containers for disposal.	st.		

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
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		practice. When using do not eat or drin smoke. Wash hands before breaks and	
7.2 Conditions for safe storage,	inc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry a place. Store in accordance with local re	
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 Dat use.	a Sheet prior to any

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 *
Quartz (SiO2)	14808-60-7	OELV - 8 hrs (TWA) (Respira- ble dust)	0,1 mg/m3 (Silica)	IE OEL
		ation: Carcinogenic ires and Processes	, see List of Carc	inogenic Sub-
Limestone	1317-65-3	OELV - 8 hrs (TWA) (Respira- ble dust)	4 mg/m3	IE OEL
		OELV - 8 hrs (TWA) (inhalable dust)	10 mg/m3	IE OEL
m-phenylenebis(methylamine)	1477-55-0	OELV - 8 hrs (TWA)	0,1 mg/m3	IE OEL

*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 ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.

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	Recommended: Butyl rubber/nitrile rubber Contaminated gloves should be removed.	gloves.
Skin and body protection	: Protective clothing (e.g. Safety shoes acc. long-sleeved working clothing, long trouser and protective boots are additionaly recom and stirring work.	s). Rubber aprons
Respiratory protection	: In case of inadequate ventilation wear resp Respirator selection must be based on kno exposure levels, the hazards of the produc ing limits of the selected respirator. Ensure adequate ventilation. This can be a exhaust extraction or by general ventilation ods for determining inhalation exposure). T ticular to the mixing / stirring area. In case to keep the concentrations under the occup limits then respiration protection measures	wn or anticipated t and the safe work- chieved by local a. (EN 689 - Meth- his applies in par- this is not sufficent pational exposure
Environmental exposure cor	trols	
General advice	: Do not flush into surface water or sanitary s If the product contaminates rivers and lake respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

iniormation on basic physical	an	u chemical properti
Physical state	:	solid (20 °C)
Appearance	:	paste
Colour	:	dark grey
Odour	:	slight
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or e	exp	losive limits
Upper explosion limit / Up- per flammability limit	:	No data available
Lower explosion limit /	:	No data available



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Lower flammability limit		
Flash point	: > 101 °C Method: closed cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: substance/mixture is non-polar/aprotic	
Viscosity Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: No data available	
Density	: ca. 2,0 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
0.0.04hov information		

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9.2 Other information

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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

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

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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 hazardous decomposition products are know	wn.	

SECTION 11: Toxicological information

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

Acute toxicity

Not classified due to lack of data.

Components:

Amines, polyethylenepoly-, triethylenetetramine fraction:

Acute oral toxicity	:	LD50 Oral (Rat): 1.716 mg/kg
		Acute toxicity estimate: 1.716 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Assessment: Corrosive to the respiratory tract.
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1.465 mg/kg
		Acute toxicity estimate: 1.465 mg/kg Method: Calculation method
N'-(3-aminopropyl)-N,N-din	neth	ylpropane-1,3-diamine:
Acute oral toxicity	:	LD50 Oral (Rat): 1.669 mg/kg
		Acute toxicity estimate: 1.669 mg/kg Method: Calculation method
Acute dermal toxicity	:	LD50 Dermal (Rat): 1.310 mg/kg
		Acute toxicity estimate: 1.310 mg/kg Method: Calculation method

m-phenylenebis(methylamine):

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

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Acute oral toxicity	:	LD50 Oral (Rat): 930 mg/kg	
		Acute toxicity estimate: 930 mg/kg Method: Calculation method	
Acute inhalation toxicity	:	LC50 (Rat): 1,34 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: Corrosive to the respiratory tract.	
		Acute toxicity estimate: 1,34 mg/l Test atmosphere: dust/mist Method: Calculation method	
Acute dermal toxicity	:	LD50 Dermal (Rat): > 3.100 mg/kg	
3,6-diazaoctanethylenediam	in:		
Acute oral toxicity	:	LD50 Oral (Rat): 1.716 mg/kg	
		Acute toxicity estimate: 1.716 mg/kg Method: Calculation method	
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1.465 mg/kg	
		Acute toxicity estimate: 1.465 mg/kg Method: Calculation method	
Skin corrosion/irritation Causes skin irritation.			
Serious eye damage/eye irrit	tat	ion	
Causes serious eye damage. Respiratory or skin sensitisa	atio	on	
Skin sensitisation			
May cause an allergic skin rea	cti	on.	
Respiratory sensitisation Not classified due to lack of da	ata.		
Germ cell mutagenicity Not classified due to lack of da	ata.		
Carcinogenicity Not classified due to lack of da	ata		
Reproductive toxicity Not classified due to lack of da	ata.		
STOT - single exposure Not classified due to lack of da	ata.		

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STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.

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:

m-phenylenebis(methylamine):

Toxicity to fish	LC50 (Oryzias latipes (Japanese medaka)): > 10 - 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l Exposure time: 48 h
3,6-diazaoctanethylenediamin	
Toxicity to fish :	LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia (water flea)): 10 - 100 mg/l Exposure time: 48 h
Toxicity to algae/aquatic : plants	EC50 (Pseudokirchneriella subcapitata (green algae)): 10 - 100 mg/l Exposure time: 72 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

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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

Assessment	 The substance/mixture does not contain components consi 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 levels of 0.1% or higher.
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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	: 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.

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	
Country IE 100000041045		12/17

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

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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 dangerou	s go	od	

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

VC) : Not applicable

REACH Information:

- All substances contained in our Products are registered by our upstream suppliers, and/or
- registered by our upstream sup
- registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.
- 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 75

REACH - Candidate List of Substances of Very High

: None of the components are listed

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

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Concern for Authorisation (Article	59).	(=> 0.1 %).
REACH - List of substances subje (Annex XIV)	ect to authorisation :	Not applicable
Regulation (EU) No 2024/590 on plete the ozone layer	substances that de- :	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollu- : Not applicable tants (recast)		
Regulation (EU) No 649/2012 of t ment and the Council concerning of dangerous chemicals		Not applicable
Seveso III: Directive 2012/18/EU o jor-accident hazards involving dar		t and of the Council on the control of ma-
Volatile organic compounds :	Law on the incentive tax fo (VOCV) no VOC duties	or volatile organic compounds
		4 November 2010 on industrial and s (integrated pollution prevention
If other regulatory information app Sheet, then it is described in this		rided elsewhere in the Safety Data
Health, safety and environ-	Environmental Protection	Act 1990 & Subsidiary Regulations

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-Statements H302 Harmful if swallowed. : H312 Harmful in contact with skin. : H314 Causes severe skin burns and eye damage. : H317 May cause an allergic skin reaction. : Causes serious eye damage. H318 : Harmful if inhaled. H332 H400 Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. H410 Harmful to aquatic life with long lasting effects. H412 Full text of other abbreviations Acute Tox. Acute toxicity Aquatic Acute : Short-term (acute) aquatic hazard Aquatic Chronic : Long-term (chronic) aquatic hazard Eye Dam. Serious eye damage 2 Skin Corr. Skin corrosion Skin Sens. Skin sensitisation : IE OEL Ireland. List of Chemical Agents and Carcinogens with Occupational Exposure Limit Values - Code of Practice, Schedule 1 and 2 IE OEL / OELV - 8 hrs (TWA) : Occupational exposure limit value (8-hour reference period) European Agreement concerning the International Carriage of ADR Dangerous Goods by Road CAS : **Chemical Abstracts Service** DNEL Derived no-effect level **EC50** Half maximal effective concentration GHS Globally Harmonized System International Air Transport Association IATA : International Maritime Code for Dangerous Goods IMDG Median lethal dosis (the amount of a material, given all at LD50 : 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



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Further information

Classification of the mixture:		Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
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 !

IE / EN