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

#### 1.1 Product identifier

Trade name : SikaPower<sup>®</sup>-1040 (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 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		0

#### 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 corrosion, Sub-category 1B Serious eye damage, Category 1 Skin sensitisation, Category 1 Long-term (chronic) aquatic hazard, Category 3

- H314: Causes severe skin burns and eye damage.
- H318: Causes serious eye damage.
- H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

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

Hazard pictograms	:		
Signal word	:	Danger	•
Hazard statements	:	H314 H317 H412	Causes severe skin burns and eye damage. 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 dust/ fume/ gas/ mist/ va- pours/ spray. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		P304 + P340 + P	<ul> <li>P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</li> <li>P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.</li> <li>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.</li> </ul>

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

Reaction products of di-,tri- and tetra-propoxylated propane-1,2-diol with ammonia Reaction mass of trientine and trientine, mono- and di-propoxylated 2,4,6-tris(dimethylaminomethyl)phenol Cashew, nutshell liq. 4,4'-methylenebis(cyclohexylamine) 3,6-diazaoctanethylenediamin Methyleneoxide, polymer with benzenamine, hydrogenated 3,3'-oxybis(ethyleneoxy)bis(propylamine)

### 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.

## **SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

Components			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Reaction products of di-,tri- and	9046-10-0	Skin Corr. 1C; H314	>= 10 - < 20
tetra-propoxylated propane-1,2-	618-561-0	Eye Dam. 1; H318	
diol with ammonia	01-2119557899-12-	Aquatic Chronic 3;	
	XXXX	H412	



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Reaction mass of trientine and trientine, mono- and di- propoxylated	Not Assigned 942-835-1 01-2120098765-38- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 2; H411	>= 10 - < 20
polyamidoamine	68541-13-9 Not Assigned	Eye Irrit. 2; H319	>= 10 - < 20
2,4,6- tris(dimethylaminomethyl)phenol Contains: bis[(dimethylamino)methyl]phenol <= 15 %	90-72-2 202-013-9 01-2119560597-27- XXXX	Acute Tox. 4; H302 Skin Corr. 1C; H314 Eye Dam. 1; H318	>= 3 - < 5
Cashew, nutshell liq.	8007-24-7 700-991-6 01-2119502450-57- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317	>= 3 - < 5
4,4'- methylenebis(cyclohexylamine)	1761-71-3 217-168-8 01-2119541673-38- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1B; H317 STOT RE 2; H373	>= 3 - < 5
3,6-diazaoctanethylenediamin	112-24-3 203-950-6 01-2119487919-13- XXXX (covered by CAS 90640-67-8)	Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 Acute Tox. 4; H302 Eye Dam. 1; H318	>= 1 - < 2,5
Methyleneoxide, polymer with benzenamine, hydrogenated	135108-88-2 603-894-6 01-2119983522-33- XXXX	Acute Tox. 3; H301 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT RE 2; H373 (Kidney) Aquatic Chronic 3; H412	>= 0,25 - < 1
3,3'- ox- ybis(ethyleneoxy)bis(propylamine) For explanation of abbreviations se	XXXX	Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317	< 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.



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		Consult a physician. Show this safety data sheet to the doct	or in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exp	posure.
In case of skin contact	:	Take off contaminated clothing and sho Wash off with soap and plenty of water Immediate medical treatment is necess wounds from corrosion of the skin heal ty.	sary as untreated
In case of eye contact	:	Small amounts splashed into eyes can sue damage and blindness. In the case of contact with eyes, rinse i of water and seek medical advice. Continue rinsing eyes during transport Remove contact lenses. Keep eye wide open while rinsing.	mmediately with plenty
If swallowed	:	Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages Never give anything by mouth to an un	5.
2 Most important symptoms a	nd	effects, both acute and delayed	
Symptoms	:	Allergic reactions Dermatitis See Section 11 for more detailed inform and symptoms.	nation on health effects
Risks	:	Health injuries may be delayed. corrosive effects sensitising effects	
		May cause an allergic skin reaction. Causes serious eye damage. Causes severe burns.	
.3 Indication of any immediate	me	dical attention and special treatment r	needed
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting mea	su	res	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/w ide/sand/foam/alcohol resistant foam/cl	

extinction.



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5.2 Special hazards arising from	the substance or mixture	
Hazardous combustion prod- ucts	: No hazardous combustion products are known	

### 5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Standard procedure for chemical fires.

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

## 6.1 Personal precautions, protective equipment and emergency procedures

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

## 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.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel,
		acid binder, universal binder, sawdust).
		Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

Advice on safe handling	<ul> <li>Do not breathe vapours or spray mist. 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.</li> </ul>
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	Follow standard hygiene measures when handl products	ing chemical
Advice on protection against : fire and explosion	Normal measures for preventive fire protection.	
Hygiene measures :	Handle in accordance with good industrial hygic practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	using do not
7.2 Conditions for safe storage, inc	luding any incompatibilities	
Requirements for storage : areas and containers	Keep container tightly closed in a dry and well- place. Store in accordance with local regulation	
Further information on stor- : age stability	No decomposition if stored and applied as direc	oted.
7.3 Specific end use(s)		

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

### Personal protective equipment

Eye protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water Wear eye/face protection.
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	:	long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	:	No special measures required.
Environmental exposure con	tro	ls
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	an	d chemical properties
Physical state Appearance Colour Odour	:	liquid paste blue amine-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 e	exp	losive limits
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 101 °C Method: closed cup
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	Not applicable
Viscosity		
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
<b>Solubility(ies)</b> Water solubility	:	insoluble

Water Solubility	: Inserable
Partition coefficient: n- octanol/water	: No data available
Vapour pressure	: 0,01 hPa
Density	: ca. 1,25 g/cm3 (20 °C)
Relative vapour density	: No data available
Particle characteristics	: No data available



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9.2 Other information		
No data available		
SECTION 10: Stability and re	ctivity	
10.1 Reactivity		
No dangerous reaction know	under conditions of normal use.	
10.2 Chemical stability		
The product is chemically sta	le.	
10.3 Possibility of hazardous re	ctions	
Hazardous reactions	: Stable under recommended storage conditions.	
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	roducts	
No decomposition if stored a	applied as directed.	
	applied as directed.	

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

#### Acute toxicity

Not classified based on available information.

#### **Components:**

#### Reaction mass of trientine and trientine, mono- and di-propoxylated:

Acute oral toxicity	: LD50 Oral (Rat): 4.500 mg/kg
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#### 2,4,6-tris(dimethylaminomethyl)phenol:

Acute oral toxicity	:	LD50 (Rat): > 1.999 mg/kg Remarks: Harmful if swallowed.
		Annex VI - Harmonised REGULATION (EC) No 1272/2008

### Cashew, nutshell liq.:

Acute oral toxicity	:	LD50 Oral (Rat): 500 mg/kg
Acute dermal toxicity		LD50 Dermal (Rat): 2.000 mg/kg

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4,4'-methylenebis(cyclc	hoxylam	ine).	
	лехушан	ine).	
Acute oral toxicity	:	LD50 Oral (Rat): 380 mg/kg	

3,6-diazaoctanethylenediamin:
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Acute oral toxicity	:	LD50 Oral (Rat): 1.716 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1.465 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 2.110 mg/kg

## Methyleneoxide, polymer with benzenamine, hydrogenated:

Acute oral toxicity	LD50 Oral (Rat): 300 mg/kg

## 3,3'-oxybis(ethyleneoxy)bis(propylamine):

Acute oral toxicity	:	LD50 Oral (Rat): ca. 3.560 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.500 mg/kg

### Skin corrosion/irritation

Causes severe burns.

### Components:

### 2,4,6-tris(dimethylaminomethyl)phenol:

Species Assessment Method	:	Rabbit Corrosive OECD Test Guideline 404
Assessment Remarks		irritating Annex VI - Harmonised REGULATION (EC) No 1272/2008

### Serious eye damage/eye irritation

Causes serious eye damage.

#### Components:

#### 2,4,6-tris(dimethylaminomethyl)phenol:

Species Assessment	:	Rabbit Causes serious eye damage.
Assessment Remarks		irritating Annex VI - Harmonised REGULATION (EC) No 1272/2008





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#### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

#### 4,4'-methylenebis(cyclohexylamine):

Test Type	:	Buehler Test
Assessment	:	The product is a skin sensitiser, sub-category 1B.
Result	:	The product is a skin sensitiser, sub-category 1B.

#### Germ cell mutagenicity

Not classified based on available information.

#### 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

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

#### 12.1 Toxicity

#### Components:

### 2,4,6-tris(dimethylaminomethyl)phenol:

Toxicity to algae/aquatic : EC50 (Scenedesmus capricornutum (fresh water algae)): > 10 - 100 mg/l Exposure time: 72 h

#### 4,4'-methylenebis(cyclohexylamine):

Toxicity to daphnia and other	:	EC50: 6,84 mg/l
aquatic invertebrates (Chron-		Exposure time: 48 h
ic toxicity)		Species: Daphnia magna (Water flea)



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3,6-diazaoctanethylenediamin	:	
Toxicity to fish	LC50 (Pimephales promelas (fathead min Exposure time: 96 h	nnow)): > 100 mg/l
Toxicity to daphnia and other a aquatic invertebrates	EC50 (Daphnia (water flea)): 10 - 100 mថ Exposure time: 48 h	g/I
Toxicity to algae/aquatic	EC50 (Pseudokirchneriella subcapitata ( 100 mg/l Exposure time: 72 h	green algae)): 10 -
<b>12.2 Persistence and degradability</b> No data available	,	
<b>12.3 Bioaccumulative potential</b> No data available		
<b>12.4 Mobility in soil</b> No data available		
12.5 Results of PBT and vPvB ass	essment	
Product:		
Assessment	This substance/mixture contains no comp to be either persistent, bioaccumulative a very persistent and very bioaccumulative 0.1% or higher	and toxic (PBT), or
<b>12.6 Endocrine disrupting propert</b> No data available	es	
12.7 Other adverse effects		
Product:		
Additional ecological infor-	An environmental hazard cannot be exclu unprofessional handling or disposal. Harmful to aquatic life with long lasting et	
SECTION 13: Disposal conside	rations	
13.1 Waste treatment methods		
isii musto troutment methous		

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



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		waste disposal contractor. Disposal of this product, solutions and any at all times comply with the requirements protection and waste disposal legislation a local authority requirements. Avoid dispersal of spilled material and run soil, waterways, drains and sewers.	of environmental and any regional
European Waste Catalogue	:	08 04 09* waste adhesives and sealants solvents or other dangerous substances	containing organic
Contaminated packaging	:	15 01 10* packaging containing residues by dangerous substances	of or contaminated

## **SECTION 14: Transport information**

## 14.1 UN number

ADR	:	UN 1759
IMDG	:	UN 1759
ΙΑΤΑ	:	UN 1759
14.2 UN proper shipping name		
ADR	:	CORROSIVE SOLID, N.O.S. (Polyoxypropylene diamine)
IMDG	:	CORROSIVE SOLID, N.O.S. (Polyoxypropylene diamine)
ΙΑΤΑ	:	Corrosive solid, n.o.s. (Polyoxypropylene diamine)
14.3 Transport hazard class(es	)	
ADR	:	8
IMDG	:	8
ΙΑΤΑ	:	8
14.4 Packing group		
ADR Packing group Classification Code Hazard Identification Numbe Labels Tunnel restriction code IMDG Packing group	: er : :	III C10 80 8 (E) III

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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Labels EmS Code	:	8 F-A, S-B			
<b>IATA (Cargo)</b> Packing instruction (cargo aircraft)	:	864			
Packing instruction (LQ) Packing group Labels	:	Y845 III Corrosive			
<b>IATA (Passenger)</b> Packing instruction (passen- ger aircraft)	:	860			
Packing instruction (LQ) Packing group Labels	:	Y845 III Corrosive			
14.5 Environmental hazards	•	Conconto			
<b>ADR</b> Environmentally hazardous	:	no			
IMDG Marine pollutant	:	no			
<b>IATA (Passenger)</b> Environmentally hazardous	:	no			
<b>IATA (Cargo)</b> Environmentally hazardous	:	no			
<b>14.6 Special precautions for use</b> The transport classification(s)		ovided herein	are for informational pu	poses only, and sole	ely based

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 Transport in bulk according to Annex II of Marpol and the IBC Code

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

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 fol- lowing entries should be considered: Number on list 3
International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
REACH - Candidate List of Substances of Very High	:	None of the components are listed



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Concern for Authorisation (Article REACH - List of substances subj (Annex XIV)		:	(=> 0.1 %). Not applicable		
Regulation (EC) No 1005/2009 of plete the ozone layer	n substances that de-	:	Not applicable		
Regulation (EU) 2019/1021 on pe tants (recast)	Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)				
Regulation (EC) No 649/2012 of ment and the Council concerning of dangerous chemicals	Not applicable				
REACH Information:	All substances contained in our Products are - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.				
Seveso III: Directive 2012/18/EU jor-accident hazards involving da		nen	t and of the Council or	n the control of ma-	
Volatile organic compounds :	Law on the incentive tax for volatile organic compounds (VOCV) no VOC duties				
	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable				

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

Control of Substances Hazardous to Health Regulations (COSHH)
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.
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### 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

: Toxic if swallowed.

H301



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		: <b>f</b>			
H302		if swallowed.			
H312		in contact with skin.			
H314		severe skin burns and eye damag	le.		
H315		skin irritation.			
H317	: May cau	se an allergic skin reaction.			
H318	: Causes	serious eye damage.			
H319	: Causes	serious eye irritation.			
H373	: May cau	se damage to organs through pro	longed or repeated		
		e if swallowed.	5 1		
H411		aquatic life with long lasting effect	IS.		
H412		to aquatic life with long lasting effe			
Full text of other abbrevia	ations				
Acute Tox.	: Acute to	xicity			
Aquatic Chronic		m (chronic) aquatic hazard			
Eye Dam.		eye damage			
Eye Irrit.	: Eye irrita				
Skin Corr.	: Skin cor				
Skin Irrit.	: Skin irrit				
Skin Sens.		sitisation			
STOT RE		target organ toxicity - repeated ex			
ADR		in Agreement concerning the Inter	national Carriage of		
		ous Goods by Road			
CAS	: Chemica	al Abstracts Service			
DNEL	: Derived	no-effect level			
EC50	: Half max	kimal effective concentration			
GHS		Harmonized System			
IATA		onal Air Transport Association			
IMDG		onal Maritime Code for Dangerous	s Goods		
LD50		lethal dosis (the amount of a mate			
LDSU		nich causes the death of 50% (one			
	test anin	nals)			
LC50	: Median	lethal concentration (concentratior	ns of the chemical in		
		ills 50% of the test animals during			
	period)				
MARPOL		onal Convention for the Prevention	n of Pollution from		
······		973 as modified by the Protocol of			
OEL		ional Exposure Limit			
PBT		nt, bioaccumulative and toxic			
PNEC		d no effect concentration	n Deulieure et		
REACH		Regulation (EC) No 1907/2006 of the European Parliament			
		ne Council of 18 December 2006 of			
		, Evaluation, Authorisation and Re			
		ACH), establishing a European C	hemicals Agency		
SVHC	: Substan	ces of Very High Concern			
vPvB		sistent and very bioaccumulative			
<b>-</b>					
Further information		01			
Classification of the mixt	ure:	Classification p			
		Calculation methor			



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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 !

GB / EN