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

#### **1.1 Product identifier**

Trade name

: Sikafloor<sup>®</sup>-390 N Part A

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

Product use : Epoxy coating, Product is not intended for consumer use

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

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person	:	EHS@ch.sika.com
responsible for the SDS		

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

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

## **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.
Germ cell mutagenicity, Category 2	H341: Suspected of causing genetic defects.
Reproductive toxicity, Category 1B	H360F: May damage fertility.
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 pictograms			¥2
Signal word	: Danger	•	•
Hazard statements	: H315 H317 H318 H341 H360F H411	Causes skin irritation. May cause an allergic sk Causes serious eye dam Suspected of causing ge May damage fertility. Toxic to aquatic life with	nage. enetic defects.
Precautionary statements	: <b>Prevention:</b> P201 P273	Obtain special instruction Avoid release to the env	
	P280	Wear protective gloves/ eye protection/ face prot	protective clothing/
	Response:		
	P305 + P351 +	P338 + P310 IF IN EYE with water for several mi tact lenses, if present an tinue rinsing. Immediatel CENTER/ doctor.	id easy to do. Con-
	P308 + P313	IF exposed or concerned vice/ attention.	d: Get medical ad-
	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 Trimethylolpropane triglycidylether p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

#### Additional Labelling

EUH211 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 %	>= 20 - < 25
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
Trimethylolpropane triglycidylether	Not Assigned 701-135-4 01-2120078341-60- XXXX	Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1B; H317 Muta. 2; H341 Repr. 1B; H360F Aquatic Chronic 2; H411	>= 3 - < 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	>= 2,5 - < 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	>= 0,5 - < 1

For explanation of abbreviations see section 16.

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## **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	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.		
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 a	nd e	effects, 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 toxic effects for reproduction Causes skin irritation.		
		May cause an allergic skin reaction. Causes serious eye damage. Suspected of causing genetic defects. May damage fertility.		
•	mea	dical attention and special treatment needed		
Treatment	:	Treat symptomatically.		

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## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media	:	In case of fire, use water/water spray/water jet/carbon diox-
		ide/sand/foam/alcohol resistant foam/chemical powder for
		extinction.

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod-	:	Carbon dioxide (CO2)
ucts		Carbon monoxide

#### 5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

6.1 Personal precautions, protective equipment and emergency procedures				
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.		
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 : Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

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		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. Pregnant women or women of child-bearing age should not be exposed to this product. 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, including 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.		

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Further information on stor-	:	No decomposition if stored and applied as directed.
age stability		

## 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 *
benzyl alcohol	100-51-6	TWA	5 ppm 22 mg/m3	CH SUVA
	as vapor and a stances, which additional skin only inhalation Safety and Hea	ation: The substanc erosol, Toxic by sk are easily absored resoption a substan by the airways., Na alth, Harm to the un value is respected	in resorption poss through the skin, ncial higher risk co ational Institute for	ible; Sub- can give by ompared to Occupational

\*The above mentioned values are in accordance with the legislation in effect at the date of the re-

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lease 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.	
		Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.	
Respiratory protection	:	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 work- 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 sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.	
Environmental exposure co	ntr	ols	
General advice	:	Do not flush into surface water or sanitary sewer system.	

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

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

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

Physical state : liquid

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Colour	:	various	
Odour	:	very faint	
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	plosive limits	
Upper explosion limit / Up- per flammability limit	:	No data available	
Lower explosion limit / Lower flammability limit	:	No data available	
Flash point	:	> 101 °C Method: closed cup	
Auto-ignition temperature	:	ca. 435 °C	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
<b>Solubility(ies)</b> Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,6 g/cm3 (20 °C)	
Relative vapour density	:	No data available	

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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 : Stable under recommended storage conditions.

#### 10.4 Conditions to avoid

Conditions to avoid :		No data available
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## 10.5 Incompatible materials

## **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

## **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.

#### **Components:**

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

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

## Trimethylolpropane triglycidylether:

Acute oral toxicity	:	LD50 Oral (Rat): 3.398 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg



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benzyl alcohol:						
Acute oral toxicity	:	LD50 Oral (Rat): 1.620 mg/kg				
		Acute toxicity estimate: 1.620 mg/kg Method: Calculation method				
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				
p-tert-butylphenyl 1-(2,3-epg	oxv	)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/kg				
Skin corrosion/irritation Causes skin irritation.						
Serious eye damage/eye irri Causes serious eye damage.	tati	ion				
Respiratory or skin sensitis	atic	on				
<b>Skin sensitisation</b> May cause an allergic skin rea	Skin sensitisation May cause an allergic skin reaction.					
Respiratory sensitisation						
	Germ cell mutagenicity					
• •	Suspected of causing genetic defects.					
<b>Carcinogenicity</b> Not classified based on availa	<b>Carcinogenicity</b> Not classified based on available information.					
<b>Reproductive toxicity</b> May damage fertility.	Reproductive toxicity					
STOT - single exposure						
Not classified based on availa	ble	information.				
STOT - repeated exposure	ble	information				
Not classified based on availa	bie	momation.				
Aspiration toxicity Not classified based on availa	ble	information.				

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#### 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:

			-16 Farrer
	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
	Trimethylolpropane triglycid	lyle	ether:
	Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (microalgae)): 9 mg/l Exposure time: 72 h
	Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)		EC50: 3,7 mg/l Exposure time: 48 d Species: Daphnia magna (Water flea)
	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	2 Persistence and degradabili	itv	
	No data available	-,	
12.3	<b>Bioaccumulative potential</b> No data available		
12.4	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

Product:		
Assessment	:	The substance/mixture does not contain components consid- 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 at levels of 0.1% or higher.
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Toxic 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.
Waste code Switzerland VeVA/LVA	:	08 01 11 -
Contaminated packaging	:	15 01 10 [S] packaging containing residues of or contaminat- ed by dangerous substances

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## **SECTION 14: Transport information**

14.1 UN number or ID number			
ADR	:	UN 3082	
IMDG	:	UN 3082	
ΙΑΤΑ	:	UN 3082	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALL N.O.S. (epoxy resin)	Y HAZARDOUS SUBSTANCE, LIQUID,
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)	
ΙΑΤΑ	:	Environmentally hazardous substance, liquid, n.o.s. (epoxy resin)	
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			
<b>ADR</b> Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III M6 90 9 (-)	
<b>IMDG</b> Packing group Labels EmS Code	:	III 9 F-A, S-F	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels		964 Y964 III Miscellaneous	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group	:	964 Y964 III	

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Labels 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 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 environmen	tal regulations/legislat	ion	specific for the substance or mixture
	REACH - Restrictions on the mar the market and use of certain dar mixtures and articles (Annex XVI	ngerous substances,	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 75, 3
	nternational Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).			None of the components are listed (=> 0.1 %).
	REACH - List of substances subject to authorisation Annex XIV)			Not applicable
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer			Not applicable
	Regulation (EU) 2019/1021 on pertants (recast)	:	Not applicable	
	PIC Ordinance, ChemPICO (814.82)			Not applicable
	REACH Information: All substances contain - registered by our up - registered by us, and			
	<b></b>			

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excluded from the regulation, and/or
exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS

Water hazard class (Germa- ny)	:	WGK 2 obviously hazardous to water Classification according to AwSV, Annex 1 (5.2)
Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 5,37% w/w
		Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 5,37% w/w

## Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

The product belongs to group 1 according to the Swiss Chemicals Ordinance (ChemO 813.11).

## 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

H302

: Harmful if swallowed.

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	Skin Irrit. 2 Eye Dam. 1	H3′ H3′		Calculation method Calculation method	
	Skin Irrit. 2	H3′	15	Calculation method	
	Classification of the mixture	<b>:</b> :		Classification procedure:	
	Further information				
			, - , - ,		
	vPvB	÷	Very persistent and very		
,	SVHC	:	Substances of Very High		
				ing a European Chemicals Agency	
				thorisation and Restriction of Chemi-	
		•		December 2006 concerning the Reg-	
	PNEC REACH	÷	Predicted no effect conc Regulation (EC) No 190	entration 7/2006 of the European Parliament	
		÷	Persistent, bioaccumula		
	OEL	÷	Occupational Exposure		
			Ships, 1973 as modified		
	MARPOL	•		n for the Prevention of Pollution from	
			period)	for the Drovention of Dellution from	
				est animals during the observation	
	LC50	:		tion (concentrations of the chemical in	
			test animals)		
				death of 50% (one half) of a group of	
	LD50	:	Median lethal dosis (the	amount of a material, given all at	
	IMDG	:	International Maritime C	ode for Dangerous Goods	
	ΙΑΤΑ	:	International Air Transpo	ort Association	
	GHS	:	Globally Harmonized Sy	rstem	
	EC50	:	Half maximal effective co		
	DNEL	:	Derived no-effect level		
	CAS	:	Chemical Abstracts Serv		
			Dangerous Goods by Ro		
	ADR	:		oncerning the International Carriage of	
	CH SUVA / TWA	:	Time Weighted Average		
	CH SUVA	:	Switzerland. Limit values	s at the work place	
	Skin Sens.	:	Skin sensitisation		
	Skin Irrit.	:	Skin irritation		
	Skin Corr.	:	Skin corrosion		
	Repr.	:	Reproductive toxicity		
	Muta.	:	Germ cell mutagenicity		
	Eye Irrit.	:	Eye irritation		
	Eye Dam.	:	Serious eye damage		
	Aquatic Chronic	:	Long-term (chronic) aqu	atic hazard	
	Acute Tox.	:	Acute toxicity		
	Full text of other abbreviation	ons			
	H411		Toxic to aquatic life with	long lasting effects.	
	H360F	÷	May damage fertility.	long loging offects	
	H341	•	Suspected of causing ge	enetic defects.	
	H332	:	Harmful if inhaled.		
	H319	:	Causes serious eye irrita	ation.	
	H318	:	Causes serious eye dan		
	H317	:	May cause an allergic sl		
	H315	:	Causes skin irritation.		
	H314	:	Causes severe skin burr	ns and eye damage.	



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Skin Sens. 1	H317	Calculation method	
Muta. 2	H341	Calculation method	
Repr. 1B	H360F	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 !

CH / EN