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

1.1 Product identifier

Trade name

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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 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 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) Hazard pictograms : Signal word : Hazard statements : Hazard statements :

H317 May cause an allergic skin reaction.H412 Harmful to aquatic life with long lasting effects.

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Revision Date: 24.02.2025 Version 3.0 Print Date 24.02.2025 Date of last issue: 16.05.2023 Prevention: Precautionary statements 5 P261 Avoid breathing mist or vapours. P273 Avoid release to the environment. P280 Wear protective gloves. **Response:** P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 + P364Take off contaminated clothing and wash it

1 302 + 1 304	before reuse.
Disposal:	
P501	Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

2-ethyl-2-[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate Pentamethyl piperidylsebacate 4,4'-methylenediphenyl diisocyanate

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)
2-ethyl-2-[[(1-oxoallyl)oxy]methyl]- 1,3-propanediyl diacrylate	15625-89-5 239-701-3 01-2119489896-11- XXXX	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Carc. 2; H351 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute	>= 0,1 - < 0,25
		aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	
Pentamethyl piperidylsebacate Contains: bis(1,2,2,6,6-pentamethyl-4- piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate	1065336-91-5 915-687-0 01-2119491304-40- XXXX	Skin Sens. 1A; H317 Repr. 2; H361f Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,1 - < 0,25
		M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1	

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



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4,4'-methylenediphenyl diisocya- nate	101-68-8 202-966-0 01-2119457014-47- XXXX	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373	< 0,1
		specific concentration limit Eye Irrit. 2; H319 >= 5 %	
		specific concentration limit STOT SE 3; H335 >= 5 %	
		specific concentration limit Skin Irrit. 2; H315 >= 5 %	
		specific concentration limit Resp. Sens. 1; H334 >= 0,1 %	
		Acute toxicity esti- mate	
		Acute inhalation tox- icity (dust/mist): 1,5 mg/l	

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.

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

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If inhaled	:	Move to fresh air. Consult a physician after significant exposure.	
In case of skin contact	:	Take off contaminated clothing and shoes imn Wash off with soap and plenty of water. If symptoms persist, call a physician.	nediately.
In case of eye contact	:	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 unconscio	
4.2 Most important symptoms ar	nd (effects, both acute and delayed	
Symptoms	:	Allergic reactions See Section 11 for more detailed information of and symptoms.	on health effects
Risks	:	sensitising effects	
		May cause an allergic skin reaction.	
4.3 Indication of any immediate I	me	dical attention and special treatment needed	
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water jet ide/sand/foam/alcohol resistant foam/chemica extinction.	
5.2 Special hazards arising from	the	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are known	1
5.3 Advice for firefighters			
- J			

Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters

Further information : Standard procedure for chemical fires.



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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 : I
- : 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. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2 Conditions for safe storage,	incl	uding any incompatibilities

Requirements for storage	: Keep container tightly closed in a dry and well-ventilated
areas and containers	place. Store in accordance with local regulations.

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

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Further information on stor- age stability	:	No decomposition if stored and applied as dire	cted.
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sheet use.	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 *	
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0,02 mg/m3 (NCO)	CH SUVA	
	es, which are of tional skin reso inhalation by th an S can lead Executive (Oc	Further information: Toxic by skin resorption possible; Substanc- es, which are easily absored through the skin, can give by addi- tional skin resoption a substancial higher risk compared to only inhalation by the airways., Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Health and Safety Executive (Occupational Medicine and Hygiene Laboratory), Harm to the unborn child is not to be expected when the OEL-value is			
		STEL	0,02 mg/m3 (NCO)	CH SUVA	

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
4,4'-methylenediphenyl diisocyanate	101-68-8	4,4'- diaminodiphenyl- methane: 10 μg/g creatinine (Urine)	Immediately after exposure or after working hours	CH BAT
		4,4'- diaminodiphenyl- methane: 5 nmol/mmol creati- nine (Urine)	Immediately after exposure or after working hours	CH BAT

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

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Eye/face protection	: Safety glasses with side-shields cont Eye wash bottle with pure water	forming to EN166
Hand protection	 Chemical-resistant, impervious glove proved standard must be worn at all chemical products. Reference number facturer specifications. Suitable for short time use or protect Butyl rubber/nitrile rubber gloves (> 0 Contaminated gloves should be remo Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min. 	times when handling er EN 374. Follow manu- tion against splashes: 0,1 mm)
Skin and body protection	: Protective clothing (e.g. Safety shoes long-sleeved working clothing, long t and protective boots are additionaly and stirring work.	trousers). Rubber aprons
Respiratory protection	 In case of inadequate ventilation weak Respirator selection must be based of exposure levels, the hazards of the pring limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A2 Ensure adequate ventilation. This care exhaust extraction or by general ven ods for determining inhalation expositicular to the mixing / stirring area. In to keep the concentrations under the limits then respiration protection mean 	on known or anticipated broduct and the safe work- 3: < 10000 ppm an be achieved by local atilation. (EN 689 - Meth- aure). This applies in par- a case this is not sufficent e occupational exposure

Environmental exposure controls

General 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 Appearance Colour	:	liquid paste black
Odour	:	odourless
Melting point/ range / Freez- ing point	:	No data available

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

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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	•	No data available	
Decomposition temperature	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Viscosity			
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)	
Solubility(ies)			
Water solubility	:	insoluble	
Partition coefficient: n- octanol/water	:	No data available	
Vapour pressure	:	0,01 hPa	
Density	:	ca. 1,30 g/cm3 (20 °C)	
Relative vapour density	:	No data available	
Particle characteristics	:	No data available	

No data available



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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	10.3 Possibility	/ of hazardous	reactions
---	------------------	----------------	-----------

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 known.

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:

2-ethyl-2-[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate:

- Acute oral toxicity : LD50 Oral (Rat): 3.680 5.000 mg/kg
- Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

Pentamethyl piperidylsebacate:

Acute oral toxicity : LD50 Oral (Rat): 3.230 mg/kg

4,4'-methylenediphenyl diisocyanate:

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50: 1,5 mg/l Exposure time: 4 h

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Test atmosphere: dust/mist Method: Expert judgement

Acute toxicity estimate: 1,5 mg/l Test atmosphere: dust/mist Method: Calculation method

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

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

Not classified due to lack of data.

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.



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SECTION 12: Ecological information

12.1 Toxicity

Components:

2-ethyl-2-[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 0,87 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
M-Factor (Acute aquatic tox- icity)	:	1

M-Factor (Chronic aquatic : 1 toxicity)

Pentamethyl piperidylsebacate:

Toxicity to fish	:	LC50 (Fish): 0,97 mg/l Exposure time: 96 h
M-Factor (Acute aquatic tox- icity)	:	1

M-Factor (Chronic aquatic : 1 toxicity)

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 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 considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation

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

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	(EU) 2017/2100 or Commission Regulevels of 0.1% or higher.	ulation (EU) 2018/605 at
2.7 Other adverse effects		
Product:		
Additional ecological infor- mation	: An environmental hazard cannot be e unprofessional handling or disposal. Harmful to aquatic life with long lastin	

15.1 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
Waste code Switzerland	soil, waterways, drains and sewers. : 08 04 09 [S] waste adhesives and sealants containing organic
VeVA/LVA	solvents or other dangerous substances

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

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

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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

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) : Not applicable Schedules of Toxic Chemicals and Precursors

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.

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
		Number on list 75
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 (EU) No 2024/590 on substances that deplete the ozone layer	:	Not applicable

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

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Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu- : Not applicable	
PIC Ordinance, ChemPICO (814.	82) : Not applicable	
Ordinance on Protection against I Threshold quantity according to M nance (MAO 814.012)		
Chemical Risk Reduction Ordinar (ORRChem, SR 814.81) Waters Protection Ordinance (WF Water pollution class :	should be considered: Annex 1.11 Dangerous liquid sub 20 814.201)	stances
Volatile organic compounds :	Law on the incentive tax for volatile organic (VOCV) no VOC duties	compounds
	Directive 2010/75/EU of 24 November 2010 livestock rearing emissions (integrated pollu	

Other regulations:

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.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

and control) Not applicable

SECTION 16: Other information

Full text of H-Statements

H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H332	:	Harmful if inhaled.
H334	:	May cause allergy or asthma symptoms or breathing difficul-

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

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		tion if inhold	
H335		ties if inhaled. May cause respiratory irritation.	
H351	:	Suspected of causing cancer.	
H361f	:	Suspected of damaging fertility.	
H373	:	May cause damage to organs through prolong	red or repeated
	•	exposure if inhaled.	jou of repouted
H400		Very toxic to aquatic life.	
H410	:	Very toxic to aquatic life with long lasting effect	xts.
Full text of other abbreviati	ons		
Acute Tox.	:	Acute toxicity	
Aquatic Acute	:	Short-term (acute) aquatic hazard	
Aquatic Chronic	:	Long-term (chronic) aquatic hazard	
Carc.	:	Carcinogenicity	
Eye Irrit.	:	Eye irritation	
Repr.	:	Reproductive toxicity	
Resp. Sens.	:	Respiratory sensitisation	
Skin Irrit.	:	Skin irritation	
Skin Sens.	:	Skin sensitisation	
STOT RE	:	Specific target organ toxicity - repeated expos	ure
STOT SE	:	Specific target organ toxicity - single exposure	÷
CH BAT	:	Switzerland. List of BAT-values	
CH SUVA	:	Switzerland. Limit values at the work place	
CH SUVA / TWA	:	Time Weighted Average	
CH SUVA / STEL	:	Short Term Exposure Limit	
ADR	:	European Agreement concerning the Internati	onal Carriage of
		Dangerous Goods by Road	
CAS	:	Chemical Abstracts Service	
DNEL	:	Derived no-effect level	
EC50	:	Half maximal effective concentration	
GHS	:	Globally Harmonized System	
IATA	:	International Air Transport Association	
IMDG	:	International Maritime Code for Dangerous Go	
LD50	:	Median lethal dosis (the amount of a material,	
		once, which causes the death of 50% (one ha test animals)	ii) of a group of
LC50		Median lethal concentration (concentrations of	f the chemical in
2000	•	air that kills 50% of the test animals during the	
		period)	
MARPOL		International Convention for the Prevention of	Pollution from
	•	Ships, 1973 as modified by the Protocol of 19	
OEL		Occupational Exposure Limit	
PBT	÷	Persistent, bioaccumulative and toxic	
PNEC	÷	Predicted no effect concentration	
REACH	÷	Regulation (EC) No 1907/2006 of the Europea	an Parliament
-		and of the Council of 18 December 2006 conc	
		istration, Evaluation, Authorisation and Restric	
		cals (REACH), establishing a European Chem	
SVHC	:	Substances of Very High Concern	5 ,
vPvB	:	Very persistent and very bioaccumulative	



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Further information		

Classification of the mixtur	Classification procedure:	
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 !

CH / EN