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

1.1 Product identifier

Trade name

: Ucrete[®] PT2 TC Gloss Part B

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

Product use : Flooring system

1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Poland Spółka z o.o.
	Karczunkowska 89
	02-871 Warszawa
Telephone	: +48 22 27 28 700
Telefax	: +48 22 27 28 800
E-mail address of person	: EHS@pl.sika.com
responsible for the SDS	-

1.4 Emergency telephone number

112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 127	72/2008)
Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.

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2.2 Label elements

Labelling (REGULATION (I Hazard pictograms	EC) :	No 1272/2008)	
Signal word	:	Danger	
Hazard statements	:	H317 F H319 G H332 F H334 F H335 F H351 S H373 F	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breath- ng difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.
Precautionary statements	:	Prevention: P201 P260 P264 P280 Response: P304 + P340 P342 + P311	 Obtain special instructions before use. Do not breathe mist or vapours. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues

Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

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.

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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components Chemical name	CAS-No.	Classification	Concentration
Chemical hame	EC-No.	Classification	(% w/w)
			(70 VV/VV)
	Registration number		
Diphenylmethanediisocyanate,	9016-87-9	Acute Tox. 4; H332	>=80
isomeres and homologues	Not Assigned	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	
		STOT RE 2, H373	
		specific concentration	
		limit	
		Eye Irrit. 2; H319	
		>= 5 %	
		specific concentration	
		limit	
		Resp. Sens. 1; H334	
		>= 0,1 %	
		-,	
		specific concentration	
		Skin Irrit. 2; H315	
		>= 5 %	
		~- 5 /0	
		specific concentration	
		STOT SE 3; H335	
		>= 5 %	

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	 Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptom	s and effects, both acute and delayed
Symptoms	 Asthmatic appearance Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Headache Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	 Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled. irritant effects sensitising effects

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4.3 Indication of any immediate	me	dical attention and special treatment neede	ed
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 j ide/sand/foam/alcohol resistant foam/chemic extinction.	
5.2 Special hazards arising from	th	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	wn
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained brea	thing apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental releas	se i	measures	
6.1 Personal precautions, protec	tiv	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 see If the product contaminates rivers and lakes respective authorities.	
6.3 Methods and material for cor	ntai	nment and cleaning up	
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. s acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispo	-
6.4 Reference to other sections			

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.

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		Avoid exceeding the given occupational expose 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 prot ma, allergies, chronic or recurrent respiratory d not be employed in any process in which this m used. Smoking, eating and drinking should be prohibi plication area. Provide sufficient air exchange and/or exhaust Follow standard hygiene measures when hand products	blems or asth- isease should hixture is being ited in the ap- in work rooms.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygination practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	n 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. Containers which are opened must be ca sealed and kept upright to prevent leakage. Sto ance with local regulations.	arefully re-
Further information on stor- age stability	:	No decomposition if stored and applied as direct	cted.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must be av Consult most current local Product Data Sheet 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 *
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	NDS	0,03 mg/m3	PL OEL
		NDSch	0,09 mg/m3	PL OEL

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*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. 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. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary. 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 sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used. Ensure adequate ventilation, especially in confined areas.		

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.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

11	Information on basic physical	an	d chemical properties
	Physical state Colour	:	liquid brown
	Odour	:	musty
	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	<u>-xn</u>	losive limits
	Upper explosion limit / Up- per flammability limit	•	
	Lower explosion limit / Lower flammability limit	:	No data available
	Flash point	:	204 °C Method: closed cup
	Auto-ignition temperature	:	No data available
	Decomposition temperature	:	No data available
	рН	:	substance/mixture reacts with water
	Viscosity		
	Viscosity, dynamic	:	100 - 2.000 mPa.s
	Viscosity, kinematic	:	800 mm2/s (40 °C)
	Solubility(ies) Water solubility	:	No data available

: No data available

Partition coefficient: n-





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octanol/water		
Vapour pressure	: 0,01 hPa	
Density	: 1,2 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information No data available		
10.1 Reactivity No dangerous reaction know10.2 Chemical stability The product is chemically stable and stability	wn under conditions of normal use. able.	
10.3 Possibility of hazardous r Hazardous reactions	eactions : 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	n products	
	: No hazardous decomposition products are k	nown.

SECTION 11: Toxicological information

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

Acute toxicity

Harmful if inhaled.

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Components:

Diphenylmethanediisocyanate, isomeres and homologues: Acute oral toxicity : LD50 Oral (Rat): > 10.000 mg/kg Acute inhalation toxicity : LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is moderately toxic after short term inhalation. Acute dermal toxicity LD50 Dermal (Rabbit): > 9.400 mg/kg : Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Respiratory or skin sensitisation Skin sensitisation May cause an allergic skin reaction. **Respiratory sensitisation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Germ cell mutagenicity Not classified due to lack of data. Carcinogenicity Suspected of causing cancer. **Reproductive toxicity** Not classified due to lack of data. STOT - single exposure May cause respiratory irritation. STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure if inhaled. Aspiration toxicity Not classified due to lack of data. 11.2 Information on other hazards Endocrine disrupting properties Product: Assessment 2 The substance/mixture does not contain components considered to have endocrine disrupting properties according to

REACH Article 57(f) or Commission Delegated regulation



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(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Date of last issue: -

Components:

Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 1.640 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

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 (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-	:	There is no data available for this product.
mation		

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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		
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		
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14.5 Environmental hazards

Not regulated as a dangerous good



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r user		
ulk according to IMO instrum as supplied.	ents	5
information		
ronmental regulations/legisla /eapons Convention (CWC) nicals and Precursors	tion :	specific for the substance or mixture Not applicable
 registered by our up registered by us, an excluded from the reduced f	strea d/or egula	am suppliers, and/or ation, and/or
a the manufacture, placing on ertain dangerous substances, nnex XVII)	:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
		Number on list 56: Diphenylme- thanediisocyanate, isomeres and homologues
		Number on list 74: Diphenylme- thanediisocyanate, isomeres and homologues
of Substances of Very High n (Article 59).	:	None of the components are listed (=> 0.1 %).
ces subject to authorisation	:	Not applicable
tances that deplete the ozone	:	Not applicable
21 on persistent organic pollu-	:	Not applicable
	r user ulk according to IMO instrum of Substances of Very High n (Article 59). res subject to authorisation tances that deplete the ozone	ulk according to IMO instruments information ronmental regulations/legislation /eapons Convention (CWC) inicals and Precursors All substances contained i - registered by our upstreat - registered from the regulat - exempted from the regulat - exempted from the regist of Substances of Very High in (Article 59). ces subject to authorisation tances that deplete the ozone

Regulation (EU) No 649/2012 of the European Parlia- : Not applicable

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ment and the Council concerning the export and import of dangerous chemicals

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

		Not applicable
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

Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as



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amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

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
------	------	----	---------------------

H315 H317 H319 H332 H334 H335 H351 H373	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficul- ties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure if inhaled.
Carc. Eye Irrit. Resp. Sens. Skin Irrit.	Acute toxicity Carcinogenicity Eye irritation Respiratory sensitisation Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure

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PL OEL	:	Ordinance of the Minister of Family, Labour and of 12 June 2018 concerning the highest allowa tions and levels of the agents harmful for health place (Dz.U 2018 pos 1286, with later amendm	ble concentra- n in the work-
PL OEL / NDS	:	Maximal Admissible Concentration)
PL OEL / NDSch	:	Maximal Admissible Temporary Concentration	
ADR	:	European Agreement concerning the Internation	nal Carriage of
CAS	:	Chemical Abstracts Service	
DNEL	:	Derived no-effect level	
EC50	:	Half maximal effective concentration	
GHS	:	Globally Harmonized System	
ΙΑΤΑ	:	International Air Transport Association	
IMDG	:	International Maritime Code for Dangerous Go	
LD50	:	Median lethal dosis (the amount of a material, gonce, which causes the death of 50% (one half test animals)	
LC50	:	Median lethal concentration (concentrations of air that kills 50% of the test animals during the period)	
MARPOL	:	International Convention for the Prevention of I Ships, 1973 as modified by the Protocol of 197	
OEL	:	Occupational Exposure Limit	
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the European and of the Council of 18 December 2006 conce istration, Evaluation, Authorisation and Restrict cals (REACH), establishing a European Chemi	erning the Reg- ion of Chemi-
SVHC	:	Substances of Very High Concern	
vPvB	:	Very persistent and very bioaccumulative	

Further information

Classification of	the mixture:	Classification procedure:
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 2	H351	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 2	H373	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.





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Changes as compared to previous version !

PL / EN