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

1.1 Product identifier

Trade name

: Sika[®] MRP Glass Fiber Part A

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 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 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.
Specific target organ toxicity - repeated exposure, Category 1, hearing organs	H372: Causes damage to organs through pro- longed or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



Hazard pictograms

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Signal word	:	Danger	
Hazard statements	:	H226 H315 H317 H319 H361d H372	Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging the unborn child. Causes damage to organs (hearing organs) through prolonged or repeated exposure.
Precautionary statements	:	Prevention:	
		P201 P210	Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
		P260	Do not breathe mist or vapours.
		P264 P280	Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

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Hazardous components which must be listed on the label:

styrene maleic anhydride

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)
styrene	100-42-5 202-851-5 01-2119457861-32- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Repr. 2; H361d STOT SE 3; H335 (Respiratory system) STOT RE 1; H372 (hearing organs) Asp. Tox. 1; H304 Aquatic Chronic 3; H412 Acute toxicity estimate Acute inhalation tox- icity (vapour): 11,8 mg/l	>= 10 - < 20
1,1'-(p-tolylimino)dipropan-2-ol	38668-48-3 254-075-1 01-2119980937-17- XXXX	Acute Tox. 2; H300 Eye Irrit. 2; H319 Aquatic Chronic 3; H412 Acute toxicity esti- mate Acute oral toxicity: 25 mg/kg	>= 0,25 - < 0,5
maleic anhydride	108-31-6 203-571-6 01-2119472428-31- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Resp. Sens. 1; H334 Skin Sens. 1A; H317 STOT RE 1; H372 (Inhalation, Respira- tory system) EUH071 specific concentration limit Skin Sens. 1A; H317 >= 0,001 %	>= 0,001 - < 0,1

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1,4-naphthoquinone	130-15-4	Acute Tox. 3; H301	>= 0,025 - <
	204-977-6	Acute Tox. 1; H330	0,1
	01-2120760462-57-	Skin Corr. 1C; H314	,
	XXXX	Eye Dam. 1; H318	
		Skin Sens. 1; H317	
		STOT SE 3; H335	
		(Respiratory system)	
		Aquatic Acute 1;	
		H400	
		Aquatic Chronic 1;	
		H410	
		M-Factor (Acute	
		aquatic toxicity): 10	
		M-Factor (Chronic	
		aquatic toxicity): 1	
		aquatic toxicity).	
		Acute toxicity esti-	
		mate	
		mate	
		Acute oral toxicity:	
		124 mg/kg	
		Acute inhalation tox-	
		icity (dust/mist):	
		0,046 mg/l	
Ear explanation of obbreviations a	a constinue de	0,0 10 mg/i	

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air. Consult a physician after significant exposure.
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.

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4.2 Most important symptoms and 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
RISKS	
	sensitising effects
	Causes skin irritation.
	May cause an allergic skin reaction.
	Causes serious eye irritation.
	Suspected of damaging the unborn child.
	Causes damage to organs through prolonged or repeated
	exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	Water High volume water jet
5.2 Special hazards arising from	n the	e substance or mixture
Specific hazards during fire- fighting	:	Do not use a solid water stream as it may scatter and spread fire.
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	:	Use water spray to cool unopened containers.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective	e equipment and emergency procedures
Personal precautions :	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
6.2 Environmental precautions	
Environmental precautions :	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
6.3 Methods and material for contain	nment and cleaning up
Methods for cleaning up :	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not



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smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

use.

Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.
Further information on stor- age stability	:	No decomposition if stored and applied as directed.
7.3 Specific end use(s) Specific use(s)	:	Consult most current local Product Data Sheet prior to any

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
styrene	100-42-5	NDS	50 mg/m3	PL OEL
		NDSch	100 mg/m3	PL OEL
maleic anhydride	108-31-6	NDS	0,5 mg/m3	PL OEL
	Further information: Skin			
		NDSch	1 mg/m3	PL OEL

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

8.2 Exposure controls

Engineering measures

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

Personal protective equipment

Eye/face protection :	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water	
Hand protection	Chemical-resistant, impervious gloves complying with an a proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow mar 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 2034	5,

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	long-sleeved working clothing, long troused and protective boots are additionaly recom and stirring work.				
Respiratory protection	 In case of inadequate ventilation wear resp Respirator selection must be based on kno exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10 Ensure adequate ventilation. This can be a exhaust extraction or by general ventilation ods for determining inhalation exposure). T ticular to the mixing / stirring area. In case to keep the concentrations under the occup limits then respiration protection measures 	own or anticipated of and the safe work- 0000 ppm achieved by local n. (EN 689 - Meth- Fhis applies in par- this is not sufficent pational exposure			
Environmental exposure controls					
General advice	 Prevent product from entering drains. If the product contaminates rivers and lake respective authorities. 	s or drains inform			

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

intormation on basic physical	an	u chemical propert
Physical state Appearance Colour	:	liquid paste grev
Odour	•	grey aromatic
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	:	7,7 %(V)
Lower explosion limit / Lower flammability limit	:	1 %(V)
Flash point	:	32 °C

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Dale			
			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)
	Solubility(ies) Water solubility	:	insoluble
	Partition coefficient: n- octanol/water	:	No data available
	Vapour pressure	:	5,9995 hPa
	Density	:	1,48 g/cm3 (20 °C)
	Relative vapour density	:	No data available
	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.

Vapours may form explosive mixture with air.

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10.4 Conditions to avoid

Conditions to avoid

: Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

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 due to lack of data.

Components:

styrene:

•	
Acute inhalation toxicity :	LC50 (Rat): 11,8 mg/l Exposure time: 4 h Test atmosphere: vapour
	Acute toxicity estimate: 11,8 mg/l Test atmosphere: vapour Method: Calculation method
1,1'-(p-tolylimino)dipropan-2-o	1:
Acute oral toxicity :	LD50 Oral (Rat): 25 mg/kg
	Acute toxicity estimate: 25 mg/kg Method: Calculation method
maleic anhydride:	
Acute inhalation toxicity :	Assessment: Corrosive to the respiratory tract.
1,4-naphthoquinone:	
Acute oral toxicity :	LD50 Oral (Rat): 124 mg/kg
Skin corrosion/irritation	
Causes skin irritation.	
Serious eye damage/eye irritat	ion
Causes serious ave irritation	

Causes serious eye irritation.

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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

Suspected of damaging the unborn child.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Causes damage to organs (hearing organs) through prolonged or repeated exposure.

Aspiration toxicity

Not classified due to lack of data.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

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

SECTION 12: Ecological information

12.1 Toxicity

Components:		
1,4-naphthoquinone:		
Toxicity to fish	:	LC50 (Oryzias latipes (Orange-red killifish)): 0,045 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	NOEC (algae): 0,07 mg/l
M-Factor (Acute aquatic tox- icity)	:	10

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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

<u>Product:</u> 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- : There is no data available for this product. mation

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

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soil, waterways, drains and sewers.

SECTION 14: Transport inform	na	tion	
14.1 UN number or ID number			
ADR	:	UN 3269	
IMDG	:	UN 3269	
ΙΑΤΑ	:	UN 3269	
14.2 UN proper shipping name			
ADR	:	POLYESTER RESIN	KIT
IMDG	:	POLYESTER RESIN	КІТ
ΙΑΤΑ	:	Polyester resin kit	
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	3	
IMDG	:	3	
ΙΑΤΑ	:	3	
14.4 Packing group			
ADR Packing group Classification Code Labels		III F3 3	
Tunnel restriction code	:	(E)	
IMDG Packing group Labels EmS Code	:	III 3 F-E, S-D	
IATA (Cargo) Packing instruction (cargo aircraft)	:	370	
Packing instruction (LQ) Packing group Labels	:	Y370 III Flammable Liquids	
IATA (Passenger) Packing instruction (passen- ger aircraft)	:	370	
Packing instruction (LQ) Packing group Labels	::	Y370 III Flammable Liquids	
14.5 Environmental hazards			

14.5 Environmental hazards

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ADREnvironmentally hazardous: noIMDGMarine pollutant: noIATA (Passenger)Environmentally hazardous: noIATA (Cargo)Environmentally hazardous: no

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 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 : Conditions of restriction for the folthe market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 75, 3 REACH - Candidate List of Substances of Very High None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %). REACH - List of substances subject to authorisation Not applicable (Annex XIV) Regulation (EC) No 1005/2009 on substances that de-: Not applicable plete the ozone layer



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Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable	

Regulation (EC) No 649/2012 of the European Parliament 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. P5c FLAMMABLE LIQUIDS

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) Volatile organic compounds (VOC) content: 19,99% w/w

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)

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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 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

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

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

H226	:	Flammable liquid and vapour.
H300	:	Fatal if swallowed.
H301	:	Toxic if swallowed.
H302	:	Harmful if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H314	:	Causes severe skin burns and eye damage.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H330	:	Fatal if inhaled.
H332	:	Harmful if inhaled.
H334	:	May cause allergy or asthma symptoms or breathing difficul-

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	ties if inhaled.
H335 :	May cause respiratory irritation.
H361d :	Suspected of damaging the unborn child.
H372 :	Causes damage to organs through prolonged or repeated
	exposure.
H400 :	Very toxic to aquatic life.
H410 :	Very toxic to aquatic life with long lasting effects.
H412 :	Harmful to aquatic life with long lasting effects.
Full text of other abbreviations	
Acute Tox. :	Acute toxicity
Aquatic Acute :	Short-term (acute) aquatic hazard
Aquatic Chronic :	Long-term (chronic) aquatic hazard
Asp. Tox.	Aspiration hazard
Eye Dam. :	Serious eye damage
Eye Irrit. :	Eye irritation
Flam. Liq. :	Flammable liquids
Repr. :	Reproductive toxicity
Resp. Sens.	Respiratory sensitisation
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
PL OEL :	Ordinance of the Minister of Family, Labour and Social Policy
FLOLL .	of 12 June 2018 concerning the highest allowable concentra-
	tions and levels of the agents harmful for health in the work-
	place (Dz.U 2018 pos 1286, with later amendments)
PL OEL / NDS :	Maximal Admissible Concentration
PL OEL / NDSch :	Maximal Admissible Temporary Concentration
ADR :	European Agreement concerning the International 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 Goods
LD50 :	Median lethal dosis (the amount of a material, given all at
	once, which causes the death of 50% (one half) of a group of
	test animals)
LC50 :	Median lethal concentration (concentrations of the chemical in
LC30 .	
	air that kills 50% of the test animals during the observation
	period)
MARPOL :	International Convention for the Prevention of Pollution from
	Ships, 1973 as modified by the Protocol of 1978
OEL :	Occupational Exposure Limit
PBT :	Persistent, bioaccumulative and toxic
PNEC :	Predicted no effect concentration
REACH :	Regulation (EC) No 1907/2006 of the European Parliament
	and of the Council of 18 December 2006 concerning the Reg-
	istration, Evaluation, Authorisation and Restriction of Chemi-
	cals (REACH), establishing a European Chemicals Agency
SVHC :	Substances of Very High Concern

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vPvB

: Very persistent and very bioaccumulative

Further information

Classification of the I	mixture:	Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Repr. 2	H361d	Calculation method
STOT RE 1	H372	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 !

PL/EN