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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>-264 N Thixo Part A

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

Product use : Epoxy coating

#### 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 responsible for the SDS	: EHS@pl.sika.com

#### 1.4 Emergency telephone number

112

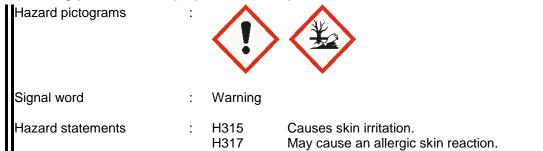
## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12	72/2008)
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.
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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	H319 H411	Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
Precautionary statements :	<b>Prevention</b> P261 P264 P273 P280	: Avoid breathing mist or vapours. Wash skin thoroughly after handling. Avoid release to the environment. Wear protective gloves/ eye protection/ face protection.
	Response:	
	P333 + P31	3 If skin irritation or rash occurs: Get medical advice/ attention.
	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 oxirane, mono[(C12-14-alkyloxy)methyl] derivs. 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.

## SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

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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 %	>= 25 - < 40
bis-[4-(2,3- epoxypropoxy)phenyl]methane	Not Assigned 701-263-0 01-2119454392-40- XXXX	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411	>= 2,5 - < 5
oxirane, mono[(C12-14- alkyloxy)methyl] derivs.	68609-97-2 271-846-8 01-2119485289-22- XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 2,5 - < 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	>= 1 - < 2,5
		Acute inhalation tox- icity (dust/mist): 4,178 mg/l	
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	>= 1 - < 2,5
Substances with a workplace expo	sure limit :	-	
Titanium dioxide (> 10 μm)	13463-67-7 236-675-5 01-2119489379-17- XXXX		>= 5 - < 10

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 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	
		Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
<b>4.3 Indication of any immediate</b> Treatment	meo :	dical attention and special treatment needed Treat symptomatically.	
SECTION 5: Firefighting measures			
<b>5.1 Extinguishing media</b> 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.	



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5.2 Special hazards arising from the substance or mixtu	ure
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Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
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	:	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, protect	tive	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	<ul> <li>Avoid exceeding the given occupational exposure limits (see section 8).</li> <li>Do not get in eyes, on skin, or on clothing.</li> <li>For personal protection see section 8.</li> <li>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</li> </ul>
	used.

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		Smoking, eating and drinking should be prohibite plication area. Follow standard hygiene measures when handlin products	
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygier practice. When using do not eat or drink. When u smoke. Wash hands before breaks and at the en	ising do not
7.2 Conditions for safe storage, i	nc	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-verplace. Containers which are opened must be care sealed and kept upright to prevent leakage. Store ance with local regulations.	efully re-
Further information on stor- age stability	:	No decomposition if stored and applied as directed	∍d.
7.3 Specific end use(s)			
Specific use(s)	:	Consult most current local Product Data Sheet pruse.	ior to any

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## **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 *
Titanium dioxide (> 10 μm)	13463-67-7	NDS (inhalable fraction)	10 mg/m3	PL OEL
benzyl alcohol	100-51-6	NDS	240 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

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	chemical products. Reference number EN 3 facturer specifications.	74. Follow manu-
	Suitable for short time use or protection aga 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 long-sleeved working clothing, long trousers and protective boots are additionally recommand stirring work.	s). Rubber aprons
Respiratory protection	<ul> <li>In case of inadequate ventilation wear respir Respirator selection must be based on know exposure levels, the hazards of the product ing limits of the selected respirator. organic vapor filter (Type A) A1: &lt; 1000 ppm; A2: &lt; 5000 ppm; A3: &lt; 100 Ensure adequate ventilation. This can be ac exhaust extraction or by general ventilation. ods for determining inhalation exposure). The ticular to the mixing / stirring area. In case the to keep the concentrations under the occupa limits then respiration protection measures negative.</li> </ul>	vn or anticipated and the safe work- 000 ppm chieved by local (EN 689 - Meth- nis applies in par- nis is not sufficent ational exposure
Environmental exposure co	ontrols	
General advice	: Do not flush into surface water or sanitary se If the product contaminates rivers and lakes	

respective authorities.

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

## 9.1 Information on basic physical and chemical properties

Physical state Appearance Colour	:	liquid viscous various
Odour	:	epoxy-like
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Country PL 100000017057		

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## Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	ca. 86 °C Method: closed cup
Auto-ignition temperature	:	Not applicable
		No data available
Decomposition temperature	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)
<b>Viscosity</b> Viscosity, dynamic	:	ca. 20.000 mPa.s (20 °C)
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. 1,6 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

Hazardous reactions : Stable under recommended storage conditions.

## 10.4 Conditions to avoid

Conditions to avoid : No data available

#### **10.5 Incompatible materials**

Materials to avoid : No data available

#### 10.6 Hazardous decomposition 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:

<b>bis-[4-(2,3-epoxipropoxi)phe</b> Acute oral toxicity	eny :	<b>I]propane:</b> LD50 Oral (Rat): > 5.000 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg
oxirane, mono[(C12-14-alky	lox	y)methyl] derivs.:
Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
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

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Acute toxicity estimate: 4,178 mg/l Test atmosphere: dust/mist Method: Calculation method

	p-tert-butylphenyl 1-(2,3-epoxy	n)propyl ether:
		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 irritat Causes serious eye irritation.	ion
	Respiratory or skin sensitisation	on
	Skin sensitisation May cause an allergic skin reacti	on.
	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	
	<b>STOT - single exposure</b> 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	2 Information on other hazards	
	Endocrine disrupting propertie	25
	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

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levels of 0.1% or higher.

## **SECTION 12: Ecological information**

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

#### 12.1 Toxicity

## Components:

	J	
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h
Toxicity to daphnia and other	:	EC50 (Daphnia magna (Water flea)): 1,8 mg/l
aquatic invertebrates		Exposure time: 48 h
bis-[4-(2,3-epoxypropoxy)pł	nen	yl]methane:
Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 2,54 mg/l
		Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia magna (Water flea)): 2,55 mg/l Exposure time: 48 h
aqualle invertebrates		
Toxicity to algae/aquatic plants	:	EC50 (algae): 1,8 mg/l Exposure time: 72 h
plano		
benzyl alcohol:		
Toxicity to fish	:	· · · · · · · · · · · · · · · · · · ·
		Exposure time: 96 h
Toxicity to daphnia and other	:	
aquatic invertebrates		Exposure time: 48 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..

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#### **12.6 Endocrine disrupting properties**

	Ρ	ro	dı	uc	t:
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Assessment	<ul> <li>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.</li> </ul>

## 12.7 Other adverse effects

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	<ul> <li>The generation of waste should be avoided or minimized wherever possible.</li> <li>Empty containers or liners may retain some product residues.</li> <li>This material and its container must be disposed of in a safe way.</li> <li>Dispose of surplus and non-recyclable products via a licensed</li> </ul>
	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 IMDG IATA 14.2 UN proper shipping name	::	UN 3082 UN 3082 UN 3082
14.2 ON proper snipping name		
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (epoxy resin)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.



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(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			
	ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III M6 90 9 (-)	
	IMDG 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 Labels	:	964 Y964 III Miscellaneous	
14.5	Environmental hazards			
	<b>ADR</b> 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.



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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 Regulation (EU) 2019/1021 on persistent organic pollu-Not applicable tants (recast) Regulation (EU) No 649/2012 of the European Parlia-Not applicable 2 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. E2 ENVIRONMENTAL HAZARDS

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Volatile organic compounds	<ul> <li>Law on the incentive tax for volatile organic compounds (VOCV)</li> <li>Volatile organic compounds (VOC) content: 2,82% w/w no VOC duties</li> </ul>
	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 2,82% 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)

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)



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

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		
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H411	Toxic to aquatic life with long lasting effects.	
Full text of other abbreviation	5	
Acute Tox.	Acute toxicity	
Aquatic Chronic	Long-term (chronic) aquatic hazard	
Eye Irrit.	Eye irritation	
Skin Irrit.	Skin irritation	
Skin Sens.	Skin sensitisation	
PL OEL	Ordinance of the Minister of Family, Labour and Social Policy 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	
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	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Code for Dangerous Goods	

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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 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	
vPvB	:	Very persistent and very bioaccumulative	

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## **Further information**

Classification of the	Classification procedure:	
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	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 !

PL / EN