Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1

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

1.1 Product identifier

Trade name

: Sikafloor[®]-378 Part B

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

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

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Nederland B.V. Zonnebaan 56 3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

1.4 Emergency telephone number

+31-57-0854201

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 12 Acute toxicity, Category 4	72/2008) H302: Harmful if swallowed.
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
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

Danger

1

Sikafloor®-378 Part B

Print Date 03.04.2024

Revision Date: 02.02.2024	
Date of last issue: 26.01.2024	

Version 2.1

Hazard statements	:	H302 H314 H317 H412	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.
Supplemental Hazard Statements	:	EUH071	Corrosive to the respiratory tract.
Precautionary statements	:	Prevention	1:
		P261	Avoid breathing dust/ fume/ gas/ mist/ va- pours/ spray.
		P273	Avoid release to the environment.
		P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P303 + P36	61 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water.
		P304 + P340 + P310 IF INHALED: Remove person to free air and keep comfortable for breathing. Im mediately call a POISON CENTER/ doctor	
		P305 + P35	51 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove con- tact lenses, if present and easy to do. Con- tinue rinsing. Immediately call a POISON CENTER/ doctor.

Hazardous components which must be listed on the label:

Reaction products of di-,tri- and tetra-propoxylated propane-1,2-diol with ammonia Adduct IXA-P (epoxy amine adduct, polymer) 3-aminomethyl-3,5,5-trimethylcyclohexylamine m-phenylenebis(methylamine) 2,4,6-tris(dimethylaminomethyl)phenol

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.

Revision Date: 02.02.2024 Date of last issue: 26.01.2024



Version 2.1

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319	>= 25 - < 40
		Acute toxicity esti- mate	
		Acute oral toxicity: 1.620 mg/kg Acute inhalation tox- icity (dust/mist): 4,178 mg/l	
Reaction products of di-,tri- and tetra-propoxylated propane-1,2- diol with ammonia	9046-10-0 618-561-0 01-2119557899-12- XXXX	Skin Corr. 1C; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 25 - < 40
Adduct IXA-P (epoxy amine ad- duct, polymer)	212580-83-1 Not Assigned	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Chronic 4; H413	>= 10 - < 20
3-aminomethyl-3,5,5- trimethylcyclohexylamine	2855-13-2 220-666-8 01-2119514687-32- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317	>= 10 - < 20
		specific concentration limit Skin Sens. 1A; H317 >= 0,001 %	
		Acute toxicity esti- mate	
		Acute oral toxicity: 1.030 mg/kg	

Sikafloor[®]-378 Part B

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1

m-phenylenebis(methylamine)	1477-55-0 216-032-5 01-2119480150-50- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Corr. 1B; H314 Skin Sens. 1B; H317 Aquatic Chronic 3; H412 EUH071 Acute toxicity esti- mate Acute oral toxicity: 930 mg/kg Acute inhalation tox- icity (dust/mist): 1,34 mg/l	>= 5 - < 10
Hydrocarbons, C9, aromatics	Not Assigned 918-668-5 01-2119455851-35- XXXX [corresponding group CAS 64742-95- 6]	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system) Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 5 - < 10
2,4,6- tris(dimethylaminomethyl)phenol Contains: bis[(dimethylamino)methyl]phenol	90-72-2 202-013-9 01-2119560597-27- XXXX	Acute Tox. 4; H302 Skin Corr. 1C; H314 Eye Dam. 1; H318	>= 2,5 - < 3

<= 15 % 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. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul- ty.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis-



Sikafloor[®]-378 Part B



Revision Date: 02.02.2024 Date of last issue: 26.01.2024	Version 2.1	Print Date 03.04.20
	sue damage and blindness. In the case of contact with eyes, rinse in of water and seek medical advice. Continue rinsing eyes during transport to Remove contact lenses. Keep eye wide open while rinsing.	
If swallowed	: Do not induce vomiting without medical Rinse mouth with water. Do not give milk or alcoholic beverages Never give anything by mouth to an unc	
4.2 Most important symptoms ar	d effects, both acute and delayed	
Symptoms	: Gastrointestinal discomfort Allergic reactions Dermatitis See Section 11 for more detailed inform and symptoms.	nation on health effects
Risks	: Health injuries may be delayed. corrosive effects sensitising effects	
	Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Corrosive to the respiratory tract. Causes severe burns.	
4.3 Indication of any immediate	nedical attention and special treatment n	eeded
Treatment	: Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1 Extinguishing media		
5.1 Extinguishing media Suitable extinguishing media	: In case of fire, use water/water spray/w ide/sand/foam/alcohol resistant foam/ch extinction.	
 5.1 Extinguishing media Suitable extinguishing media 5.2 Special hazards arising from 	ide/sand/foam/alcohol resistant foam/ch extinction.	
Suitable extinguishing media 5.2 Special hazards arising from	ide/sand/foam/alcohol resistant foam/ch extinction.	nemical powder for
Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod- ucts	ide/sand/foam/alcohol resistant foam/ch extinction. the substance or mixture	nemical powder for
Suitable extinguishing media 5.2 Special hazards arising from Hazardous combustion prod-	ide/sand/foam/alcohol resistant foam/ch extinction. the substance or mixture : No hazardous combustion products are	nemical powder for

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1



SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Personal precautions Use personal protective equipment. Deny access to unprotected persons. 6.2 Environmental precautions Environmental precautions Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
		Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Do not breathe vapours or spray mist. 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 asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the ap- plication area. Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage	: Keep container tightly closed in a dry and well-ventilated	
Country NL 000000132354		6



Revision Date: 02.02.2024 Date of last issue: 26.01.2024	Version 2.1	Print Date 03.04.2024
areas and containers	place. Containers which are opened n sealed and kept upright to prevent lea ance with local regulations.	
Further information on stor- age stability	: No decomposition if stored and applie	ed as directed.

7.3 Specific end use(s)

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 *
m-phenylenebis(methylamine)	1477-55-0	L	0,02 ppm 0,1 mg/m3	DK 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

Personal protective equipment

Eye/face protection :	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water Wear eye/face protection.
Hand protection :	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection :	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth-

Revision Date: 02.02.2024
Date of last issue: 26.01.2024



Version 2.1

ods for determining inhalation exposure). This applies in particular 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.

Environmental exposure cont	rols	
	_	

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 Colour	:	liquid yellow
Odour	:	amine-like
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 explosive limits

-	Upper explosion limit / Upper flammability limit	:	No data available
	Lower explosion limit / Lower flammability limit	:	No data available
Fla	ash point	:	ca. 79 °C Method: closed cup
Au	to-ignition temperature	:	No data available
De	composition temperature	:	No data available
рH	I	:	ca. 11 Concentration: 100 %
Vis	scosity Viscosity, dynamic	:	63 mPa.s

Sikafloor[®]-378 Part B

Print Date 03.04.2024

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1

Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Solubility(ies) Water solubility	:	insoluble
Partition coefficient: n- octanol/water	:	No data available
Vapour pressure	:	19,9983 hPa
Density	:	ca. 1 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 read	ctio	ns
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.

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1



SECTION 11: Toxicological information

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

Harmful if swallowed.

Components:

benzyl alcohol:

Acute oral toxicity :	LD50 Oral (Rat): 1.620 mg/kg
-----------------------	------------------------------

Acute inhalation toxicity

Exposure time: 4 h Test atmosphere: dust/mist

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

Acute toxicity estimate: 1.620 mg/kg

Method: Calculation method

LC50 (Rat): > 4,178 mg/l

3-aminomethyl-3,5,5-trimethylcyclohexylamine:

:

Acute oral toxicity	:	Acute toxicity estimate: 1.030 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
		LD50 Oral (Rat): 1.030 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 2.000 mg/kg
		LD50 (Rabbit): > 2.000 - 5.000 mg/kg

Test atmosphere: dust/mist

m-phenylenebis(methylamine):

Acute oral toxicity	:	LD50 Oral (Rat): 930 mg/kg
		Acute toxicity estimate: 930 mg/kg Method: Calculation method
Acute inhalation toxicity	:	LC50 (Rat): 1,34 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: Corrosive to the respiratory tract.
		Acute toxicity estimate: 1,34 mg/l



ision Date: 02.02.2024 e of last issue: 26.01.2024	Version 2.1	Print Date 03.0
	Method: Calculation method	
Acute dermal toxicity	: LD50 Dermal (Rat): > 3.100 mg/kg	
Hydrocarbons, C9, aromatic	~c·	
Acute oral toxicity	: LD50 Oral (Rat): > 2.000 mg/kg	
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 2.000 mg/kg	
2,4,6-tris(dimethylaminome	thyl)nhenol:	
Acute oral toxicity	: LD50 (Rat): > 1.999 mg/kg Remarks: Harmful if swallowed. Annex VI - Harmonised REGULATION (EC) No 1272/2008	
Skin corrosion/irritation Causes severe burns.		
Components:		
Hydrocarbons, C9, aromatic	:S:	
Assessment	: Repeated exposure may cause skin dryn	ess or cracking.
2,4,6-tris(dimethylaminome	thyl)phenol:	
Species	: Rabbit	
Assessment Method	: Corrosive : OECD Test Guideline 404	
Assessment Remarks	: irritating : Annex VI - Harmonised REGULATION (EC) No 1272/2008	
Serious eye damage/eye irri	itation	
Causes serious eye damage.		
Components:		
2,4,6-tris(dimethylaminomethyla	thyl)phenol:	
Species Assessment	: Rabbit : Causes serious eye damage.	
Assessment Remarks	: irritating : Annex VI - Harmonised REGULATION (EC) No 1272/2008	
Respiratory or skin sensitis	ation	
Skin sensitisation		
May cause an allergic skin rea	action	

Sikafloor[®]-378 Part B

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1



Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Corrosive to the respiratory tract.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Components: benzyl alcohol: LC50 (Fish): > 100 mg/l Toxicity to fish Exposure time: 96 h Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l aquatic invertebrates Exposure time: 48 h 3-aminomethyl-3,5,5-trimethylcyclohexylamine: Toxicity to algae/aguatic ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 : plants ma/l Exposure time: 72 h NOEC (Desmodesmus subspicatus (green algae)): 1,5 mg/l Exposure time: 72 h m-phenylenebis(methylamine): Toxicity to fish LC50 (Oryzias latipes (Japanese medaka)): > 10 - 100 mg/l : Exposure time: 96 h Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l aquatic invertebrates Exposure time: 48 h

Jika ®
Print Date 03.04.2024

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Version 2.1

Hydrocarbons, C9, aromatics:

Toxicity to algae/aquatic : (Pseudokirchneriella subcapitata (green algae)): 2,6 - 2,9 mg/l Exposure time: 72 h

2,4,6-tris(dimethylaminomethyl)phenol:

 Toxicity to algae/aquatic
 :
 EC50 (Scenedesmus capricornutum (fresh water algae)): > 10

 plants
 :
 100 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

2

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

No data available

12.7 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

 Product
 : The generation of waste should be avoided or minimized wherever possible.

 Empty containers or liners may retain some product residues.

 This material and its container must be disposed of in a safe way.

 Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

 Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional



Revision Date: 02.02.2024 Date of last issue: 26.01.2024		Version 2.1	Print Date 03.04.2024	
		local authority requirements. Avoid dispersal of spilled material and runoff an soil, waterways, drains and sewers.	d contact with	
European Waste Catalogue	:	08 04 11* adhesive and sealant sludges contai solvents or other dangerous substances	ning organic	
Contaminated packaging	:	15 01 10* packaging containing residues of or on by dangerous substances	contaminated	

SECTION 14: Transport information

14.1 UN number or ID number			
ADR	:	UN 1760	
IMDG	:	UN 1760	
ΙΑΤΑ	:	UN 1760	
14.2 UN proper shipping name			
ADR	:	CORROSIVE LIQUI (3-aminomethyl-3,5, pylene diamine)	D, N.O.S. 5-trimethylcyclohexylamine, Polyoxypro-
IMDG	:	CORROSIVE LIQUI (3-aminomethyl-3,5, pylene diamine)	D, N.O.S. 5-trimethylcyclohexylamine, Polyoxypro-
ΙΑΤΑ	:	Corrosive liquid, n.o. (3-aminomethyl-3,5, pylene diamine)	.s. 5-trimethylcyclohexylamine, Polyoxypro-
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	8	
IMDG	:	8	
ΙΑΤΑ	:	8	
14.4 Packing group			
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	: : :	II C9 80 8 (E)	
IMDG Packing group Labels EmS Code	: :	II 8 F-A, S-B	

Revision Date: 02.02.2024 Date of last issue: 26.01.2024

IATA (Cargo)

Print Date 03.04.2024

Version 2.1

Packing instruction (cargo aircraft)	:	855
Packing instruction (LQ) Packing group Labels	:	Y840 II Corrosive
IATA (Passenger) Packing instruction (passen- ger aircraft)	:	851
Packing instruction (LQ) Packing group Labels	: : :	Y840 II Corrosive

14.5 Environmental hazards

ADR Environmentally hazardous	:	no
IMDG Marine pollutant	:	no
IATA (Passenger) Environmentally hazardous	:	no
IATA (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 the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

Sikafloor[®]-378 Part B



Revision Date: 02.02.2024 Date of last issue: 26.01.2024	Version 2	2.1		Print Date 03.04.2024
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the compone (=> 0.1 %).	ents are listed
REACH - List of substances subj (Annex XIV)	ect to authorisation	:	Not applicable	
Regulation (EC) No 1005/2009 of plete the ozone layer	n substances that de-	:	Not applicable	
Regulation (EU) 2019/1021 on pe tants (recast)	ersistent organic pollu-	:	Not applicable	
Regulation (EU) No 649/2012 of ment and the Council concerning of dangerous chemicals		:	Not applicable	
Seveso III: Directive 2012/18/EU jor-accident hazards involving da 34		i) gi ga I bli g th	asolines and naphthas is oils (including diesel ending streams),(d) he ne same purposes and nmability and environm	, (b) kerosenes fuels, home avy fuel oils (e) with similar
Volatile organic compounds :	Law on the incentive ta (VOCV) Volatile organic compo			
	Directive 2010/75/EU c emissions (integrated p Volatile organic compo	ooll	ution prevention and co	ontrol)

15.2 Chemical safety assessment

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

SECTION 16: Other information

Full te	ext of	H-Statements
---------	--------	--------------

H226 :	Flammable liquid and vapour.
H302 :	Harmful if swallowed.
H304 :	May be fatal if swallowed and enters airways.
H314 :	Causes severe skin burns and eye damage.

Revision Date: 02.02.2024 Date of last issue: 26.01.2024 Print Date 03.04.2024

LD50: Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative	of last issue: 26.01.2024		
H318:Causes serious eye damage.H319:Causes serious eye irritation.H332:Harmful if inhaled.H335:May cause respiratory irritation.H336:May cause respiratory irritation.H336:May cause drowsiness or dizziness.H411:Toxic to aquatic life with long lasting effects.H412:Harmful to aquatic life with long lasting effects.H413:May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin sensitisationSTO SE:Specific target organ toxicity - single exposureDK OEL / L:CeilingADR:European Agreement concerning the Internationa Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelECS0:Half maximal effective concentrationGHS::Oce particinal Air Transport AssociationIMDG::International Maritime Code for Dangerous GoodLDS0::Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ot period)MARPO			-
H319:Causes serious eye irritation.H332:Harmful if inhaled.H335:May cause respiratory irritation.H336:May cause drowsiness or dizziness.H411:Toxic to aquatic life with long lasting effects.H412:Harmful to aquatic life with long lasting effects.H413:May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam.:Eye irritationSkin Corr.:Skin corrosionSkin Sens.:Skin corrosionSkin Sens.:Specific target organ toxicity - single exposureDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS::OKEL:Derived no-effect levelEC50:Haff maximal effective concentrationIMDG:International Maritime Code for Dangerous GoodLOS0:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) o test animals)LC50:Median lethal concentration for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Occupational Exposure LimitP	H317	May cause an allergic skin reaction.	
H319:Causes serious eye irritation.H332:Harmful if inhaled.H335:May cause respiratory irritation.H336:May cause drowsiness or dizziness.H411:Toxic to aquatic life with long lasting effects.H412:Harmful to aquatic life with long lasting effects.H413:May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam.:Eye irritationSkin Corr.:Skin corrosionSkin Sens.:Skin corrosionSkin Sens.:Specific target organ toxicity - single exposureDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS::OKEL:Derived no-effect levelEC50:Haff maximal effective concentrationIMDG:International Maritime Code for Dangerous GoodLOS0:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) o test animals)LC50:Median lethal concentration for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Occupational Exposure LimitP	H318	Causes serious eye damage.	
H332:Harmful if inhaledH335:May cause respiratory irritation.H336:May cause drowsiness or dizziness.H411:Toxic to aquatic life with long lasting effects.H411:Toxic to aquatic life with long lasting effects.H412:Harmful to aquatic life with long lasting effects.H413:May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin sensitisationSTOT SE:Specific target organ toxicity - single exposureDK OEL / L:CeilingADR:European Agreement concerning the Internationa Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationIMDG:International Air Transport AssociationIMDG:International Air Transport for (concentration of the air that kills 50% of the test animals during the ot period)LC50:Median lethal concentration for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Occupational Exposure LimitPBT: <t< td=""><td>H319</td><td>Causes serious eye irritation.</td><td></td></t<>	H319	Causes serious eye irritation.	
H335 : May cause respiratory irritation. H336 : May cause drowsiness or dizziness. H411 : Toxic to aquatic life with long lasting effects. H412 : Harmful to aquatic life with long lasting effects. H413 : May cause long lasting harmful effects to aquatic Full text of other abbreviations : Acute toxicity Aquatic Chronic : Long-term (chronic) aquatic hazard Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage Eye Irrit. : Eye irritation Flam. : Skin corrosion Skin Sens. : Skin sensitisation STOT SE : Specific target organ toxicity - single exposure DK OEL : Denmark. Occupational Exposure Limits DK OEL : Denmark. Occupational Exposure Limits DK OEL : Derived no-effect level EC50 : Half maximal effective concentration GHS : Globally Harmonized System IATA : International Asir Transport Association <tr< td=""><td>H332</td><td></td><td></td></tr<>	H332		
H336 : May cause drowsiness or dizziness. H411 : Toxic to aquatic life with long lasting effects. H412 : Harmful to aquatic life with long lasting effects. H413 : May cause long lasting harmful effects to aquatic Full text of other abbreviations Acute Tox. : Acute toxicity Aquatic Chronic : Long-term (chronic) aquatic hazard Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage Eye Irrit. : Eye irritation Flam. Liq. : Flammable liquids Skin Corr. : Skin corrosion Skin Sens. : Skin sensitisation STO SE : Specific target organ toxicity - single exposure DK OEL : Denmark. Occupational Exposure Limits DK OEL : Denmark. Occupational Exposure Limits DK OEL : Derived no-effect level EC50 : Half maximal effective concentration GHS : Globally Harmonized System IATA : Internationa			
H411:Toxic to aquatic life with long lasting effects.H412:Harmful to aquatic life with long lasting effects.H413:May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Corr.:Skin corrosionADR::Demark. Occupational Exposure LimitsDK OEL / L::CeilingADR:::Haff maximal effective concentrationGHSGlobally Harmonized System:IATA:International Air Transport AssociationIMDG:::LC50:Median lethal concentration (concentrations o			
H412 : Harmful to aquatic life with long lasting effects. H413 : May cause long lasting harmful effects to aquatic Full text of other abbreviations Acute Tox. : Acute toxicity Aquatic Chronic : Long-term (chronic) aquatic hazard Asp. Tox. : Aspiration hazard Eye Dam. : Serious eye damage Eye Irrit. : Eye irritation Flam. Liq. : Flammable liquids Skin Corr. : Skin corrosion Skin Sens. : Skin corrosion Stor SE : Denmark. Occupational Exposure Limits DK OEL : Denmark. Occupational Exposure Limits DK OEL / L : Ceiling ADR : Chemical Abstracts Service DNEL : Derived no-effect level EC50 : Half maximal effective concentration GHS : Globally Harmonized System IATA : International Maritime Code for Dangerous Good LD50 : Median lethal concentration (concentrations of th air that kills 50% of the test animals during			
H413May cause long lasting harmful effects to aquaticFull text of other abbreviationsAcute Tox.: Acute toxicityAquatic Chronic: Long-term (chronic) aquatic hazardAsp. Tox.: Aspiration hazardEye Dam.: Serious eye damageEye Irrit.: Eye irritationFlam. Liq.: Flammable liquidsSkin Corr.: Skin corrosionSkin Sens.: Skin corrosionStin Sens.: Skin corrosionSK OEL / L: Denmark. Occupational Exposure LimitsDK OEL / L: CeilingADR: European Agreement concerning the International Dangerous Goods by RoadCAS: Chemical Abstracts ServiceDNEL: Derived no-effect levelEC50: Half maximal effective concentrationGHS: Globally Harmonized SystemIATA: International Maritime Code for Dangerous GoodLD50: Median lethal concentration (concentrations of th air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F 			
Full text of other abbreviationsAcute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin sensitisationSTOT SE:Denmark. Occupational Exposure LimitsDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:international Maritime Code for Dangerous GoodLD50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the obstrains)LC50:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Persistent, bioaccumulative and toxicPNEC::Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European Fand of the Concern vorter istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC<			
Acute Tox.:Acute toxicityAquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin corrosionStin Sens.:Skin corrosionSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the Internationa Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Presistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC::V	H413	viay cause long lasting narmful effects to aquatic life.	
Aquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionStin Sens.:Skin corrosionSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the Internationa Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:international Maritime Code for Dangerous GoodLD50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:	Full text of other abbrevia		
Aquatic Chronic:Long-term (chronic) aquatic hazardAsp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionStin Sens.:Skin corrosionSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the Internationa Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:international Maritime Code for Dangerous GoodLD50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:	Acute Tox	Acute toxicity	
Asp. Tox.:Aspiration hazardEye Dam.:Serious eye damageEye Irrit.:Eye irritationFlam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin corrosionSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL::Predicted no effect concentrationREACH::Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern is tration, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:::VPB::Very persistent and very			
Eye Dam.: Serious eye damageEye Irrit.: Eye irritationFlam. Liq.: Flammable liquidsSkin Corr.: Skin corrosionSkin Sens.: Skin sensitisationSTOT SE: Specific target organ toxicity - single exposureDK OEL: Denmark. Occupational Exposure LimitsDK OEL: CeilingADR: European Agreement concerning the International Dangerous Goods by RoadCAS: Chemical Abstracts ServiceDNEL: Derived no-effect levelEC50: Half maximal effective concentrationGHS: Globally Harmonized SystemIATA: International Maritime Code for Dangerous GoodLD50: Median lethal concentration (concentrations of the air that kills 50% of the test animals)LC50: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC: Substances of Very High Concern vPvBSVHC: Substances of Very High ConcernVPVB: Very persistent and very bioaccumulative	•		
Eye Irrit.: Eye irritationFlam. Liq.: Flammable liquidsSkin Corr.: Skin corrosionSkin Sens.: Skin sensitisationSTOT SE: Specific target organ toxicity - single exposureDK OEL: Denmark. Occupational Exposure LimitsDK OEL / L: CeilingADR: European Agreement concerning the International Dangerous Goods by RoadCAS: Chemical Abstracts ServiceDNEL: Derived no-effect levelEC50: Half maximal effective concentrationGHS: Globally Harmonized SystemIATA: International Maritime Code for Dangerous GoodLD50: Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50: Median lethal concentration for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC: Substances of Very High Concern vPvB: Very persistent and very bioaccumulative	•		
Flam. Liq.:Flammable liquidsSkin Corr.:Skin corrosionSkin Sens.:Skin sensitisationSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCVPVB:Very persistent and very bioaccumulative			
Skin Corr.:Skin corrosionSkin Sens.:Skin sensitisationSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal cosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:Substances of Very High Concern vPvB::Very persistent and very bioaccumulative			
Skin Sens.:Skin sensitisationSTOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal cosis (the amount of a material, giv once, which causes the death of 50% (one half) ot test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Predicted no effect concentrationPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicalSVHC:Substances of Very High Concern vPvB:Very persistent and very bioaccumulative	•		
STOT SE:Specific target organ toxicity - single exposureDK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:Substances of Very High Concern vPvB::Very persistent and very bioaccumulative	Skin Corr.	Skin corrosion	
DK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Presistent, bioaccumulative and toxicPNEC:Predicted no effect concentration and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:Substances of Very High Concern vPvB::Very persistent and very bioaccumulative	Skin Sens.	Skin sensitisation	
DK OEL:Denmark. Occupational Exposure LimitsDK OEL / L:CeilingADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Presistent, bioaccumulative and toxicPNEC:Predicted no effect concentration and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:Substances of Very High Concern vPvB::Very persistent and very bioaccumulative	STOT SE	Specific target organ toxicity - single exposure	
DK OEL / L: CeilingADR: European Agreement concerning the International Dangerous Goods by RoadCAS: Chemical Abstracts ServiceDNEL: Derived no-effect levelEC50: Half maximal effective concentrationGHS: Globally Harmonized SystemIATA: International Air Transport AssociationIMDG: International Maritime Code for Dangerous GoodLD50: Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Predicted no effect concentration and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC: Substances of Very High Concern vPvB			
ADR:European Agreement concerning the International Dangerous Goods by RoadCAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Presistent, bioaccumulative and toxicPNEC:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern vPvBVery persistent and very bioaccumulative			
Dangerous Goods by RoadCAS:DNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:IATA:International Air Transport AssociationIMDG:LD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:PNEC:PNEC:REACH:REACH:SVHC:VPVB:Very persistent and very bioaccumulative			
CAS:Chemical Abstracts ServiceDNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicalSVHC:Substances of Very High Concern vPvB:Very persistent and very bioaccumulative	ADR		
DNEL:Derived no-effect levelEC50:Half maximal effective concentrationGHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) or test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicalSVHC:Substances of Very High Concern vPvB:Very persistent and very bioaccumulative	CAS		
EC50: Half maximal effective concentrationGHS: Globally Harmonized SystemIATA: International Air Transport AssociationIMDG: International Maritime Code for Dangerous GoodLD50: Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Presistent, bioaccumulative and toxicPNEC: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBVery persistent and very bioaccumulative			
GHS:Globally Harmonized SystemIATA:International Air Transport AssociationIMDG:International Maritime Code for Dangerous GoodLD50:Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals)LC50:Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern vPvBVery persistent and very bioaccumulative			
 IATA : International Air Transport Association IMDG : International Maritime Code for Dangerous Good LD50 : Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals) LC50 : Median lethal concentration (concentrations of the air that kills 50% of the test animals during the obsperiod) MARPOL : International Convention for the Prevention of Poships, 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 F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemica SVHC : Substances of Very High Concern vPvB : Very persistent and very bioaccumulative 			
 IMDG International Maritime Code for Dangerous Good LD50 Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals) LC50 Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob- period) MARPOL International Convention for the Prevention of Po- Ships, 1973 as modified by the Protocol of 1978 OEL Occupational Exposure Limit PBT Predicted no effect concentration Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemica SVHC Substances of Very High Concern vPvB Very persistent and very bioaccumulative 	GHS	Globally Harmonized System	
LD50: Median lethal dosis (the amount of a material, giv once, which causes the death of 50% (one half) of test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative	ΙΑΤΑ	nternational Air Transport Association	
LC50once, which causes the death of 50% (one half) of test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvB: Very persistent and very bioaccumulative	IMDG	nternational Maritime Code for Dangerous Goods	
LC50once, which causes the death of 50% (one half) of test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvB: Very persistent and very bioaccumulative	LD50	Median lethal dosis (the amount of a material, given all at	
LC50test animals)LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob- period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative			
LC50: Median lethal concentration (concentrations of the air that kills 50% of the test animals during the ob- period)MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative			
MARPOLair that kills 50% of the test animals during the observed)MARPOLInternational Convention for the Prevention of Pos Ships, 1973 as modified by the Protocol of 1978OELOccupational Exposure LimitPBTPersistent, bioaccumulative and toxicPNECPredicted no effect concentrationREACHRegulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHCSubstances of Very High Concern vPvBvPvBVery persistent and very bioaccumulative	1 C 50		
MARPOL:International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern vPvBvPvB:Very persistent and very bioaccumulative	2000		
MARPOL: International Convention for the Prevention of Po Ships, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative		•	
OELShips, 1973 as modified by the Protocol of 1978OEL: Occupational Exposure LimitPBT: Persistent, bioaccumulative and toxicPNEC: Predicted no effect concentrationREACH: Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative			
OEL:Occupational Exposure LimitPBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern vPvBvPvB:Very persistent and very bioaccumulative	MARPOL		
PBT:Persistent, bioaccumulative and toxicPNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern : Very persistent and very bioaccumulative			
PNEC:Predicted no effect concentrationREACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemical SVHCSVHC:Substances of Very High Concern : Very persistent and very bioaccumulative	-		
REACH:Regulation (EC) No 1907/2006 of the European F and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC:Substances of Very High Concern vPvBvPvB:Very persistent and very bioaccumulative	PBT	Persistent, bioaccumulative and toxic	
and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemica SVHC : Substances of Very High Concern vPvB : Very persistent and very bioaccumulative	PNEC	Predicted no effect concentration	
and of the Council of 18 December 2006 concern istration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European Chemica SVHC : Substances of Very High Concern vPvB : Very persistent and very bioaccumulative	REACH	Regulation (EC) No 1907/2006 of the European Parliament	
SVHC: stration, Evaluation, Authorisation and Restriction cals (REACH), establishing a European ChemicaSVHC: Substances of Very High Concern vPvBvPvB: Very persistent and very bioaccumulative		and of the Council of 18 December 2006 concerning the Reg-	
SVHCcals (REACH), establishing a European ChemicaSVHC: Substances of Very High ConcernvPvB: Very persistent and very bioaccumulative			
SVHC : Substances of Very High Concern vPvB : Very persistent and very bioaccumulative			
vPvB : Very persistent and very bioaccumulative	SV/HC		
Further information	VEND	very persistent and very bloaccumulative	
Further information			
	Further information		
Classification of the mixture: Classification procedu	Classification of the mixtu	Classification procedures	
· · · · ·		Classification procedure:	
Acute Tox. 4 H302 Calculation method			

Version 2.1



Revision Date: 02.02.2024 Date of last issue: 26.01.2024		Version 2.1	Print Date 03.04.2024
Skin Corr. 1B	H314	Calculation method	
Eye Dam. 1	H318	Calculation method	
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 !

NL / EN