according to Regulation (EC) No. 1907/2006

# Sikafloor®-262 AS N /262 AS N Thixo Part B



Date of last issue: 17.01.2022

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

1.1 Product identifier

Trade name : Sikafloor®-262 AS N /262 AS N Thixo 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 Schweiz AG

Tüffenwies 16 8048 Zürich

Telephone : +41 58 436 40 40

Telefax :

E-mail address of person : EHS@

responsible for the SDS

EHS@ch.sika.com

#### 1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich

+41(0)44 251 51 51 / Speed calling: 145

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4 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.

Reproductive toxicity, Category 2 H361: Suspected of damaging fertility or the un-

born child.

Specific target organ toxicity - repeated

exposure, Category 2

H373: May cause damage to organs through pro-

longed or repeated exposure.

Long-term (chronic) aquatic hazard, Cat-

egory 3

H412: Harmful to aquatic life with long lasting ef-

fects.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :





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Signal word : Danger

Hazard statements : H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn

child.

H373 May cause damage to organs through pro-

longed or repeated exposure.

H412 Harmful to aquatic life with long lasting ef-

fects.

Supplemental Hazard

Statements

EUH071

Corrosive to the respiratory tract.

Precautionary statements : Prevention:

P201 Obtain special instructions before use.

P260 Do not breathe mist or vapours.

P280 Wear protective gloves/ protective clothing/

eye protection/ face protection.

Response:

P303 + P361 + 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 fresh

air and keep comfortable for breathing. Im-

mediately call a POISON CENTER/ doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously

with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON

CENTER/ doctor.

#### Hazardous components which must be listed on the label:

Adduct IXA-P (epoxy amine adduct, polymer) 3-aminomethyl-3,5,5-trimethylcyclohexylamine m-phenylenebis(methylamine) 2-piperazin-1-ylethylamine Cashew, nutshell liq. 2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine

## 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.

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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.

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319  Acute toxicity estimate  Acute oral toxicity: 1.620 mg/kg Acute inhalation toxicity (dust/mist): 4,178 mg/l	>= 40 - < 60
212580-83-1 Not Assigned	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 10 - < 20
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  specific concentration limit Skin Sens. 1A; H317 >= 0,001 %  Acute toxicity estimate  Acute oral toxicity:	>= 10 - < 20
	EC-No. Registration number  100-51-6 202-859-9 01-2119492630-38- XXXX  212580-83-1 Not Assigned  2855-13-2 220-666-8 01-2119514687-32-	C-No.   Registration number   Registration number   Registration number   Acute Tox. 4; H302   Acute Tox. 4; H332   Eye Irrit. 2; H319   Acute toxicity estimate   Acute oral toxicity: 1.620 mg/kg   Acute inhalation toxicity (dust/mist): 4,178 mg/l   Acute Tox. 4; H302   Skin Sens. 1; H317   Aquatic Chronic 3; H412   Acute Tox. 4; H302   Skin Corr. 1B; H314   Eye Dam. 1; H318   Skin Sens. 1A; H317   Specific concentration limit   Skin Sens. 1A; H317   Specific concentration limit   Skin Sens. 1A; H317   Acute toxicity estimate   Acute Tox. 4; H302   Skin Corr. 1B; H314   Eye Dam. 1; H318   Skin Sens. 1A; H317   Acute toxicity estimate   Acute Tox. 4; H302   Acute Tox. 4; H302

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m-phenylenebis(methylamine)	1477-55-0	Acute Tox. 4; H302	>= 5 - < 10
in-prienylenebis(methylanilie)	216-032-5 01-2119480150-50- XXXX	Acute Tox. 4, 11302 Acute Tox. 4; H332 Skin Corr. 1B; H314 Skin Sens. 1B; H317 Aquatic Chronic 3; H412 EUH071	<i>y</i> = 0 - < 10
		Acute toxicity esti- mate	
		Acute oral toxicity: 930 mg/kg Acute inhalation toxicity (dust/mist): 1,34 mg/l	
2-piperazin-1-ylethylamine Contains: 2-(2-aminoethylamino)ethanol <= 0,29 %	140-31-8 205-411-0 01-2119471486-30- XXXX	Repr. 2; H361 STOT RE 1; H372 Acute Tox. 4; H302 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 5 - < 10
		Acute toxicity estimate  Acute oral toxicity:	
		1.999 mg/kg Acute dermal toxicity: 866 mg/kg	
2,4,6- tris(dimethylaminomethyl)phenol Contains: bis[(dimethylamino)methyl]phenol <= 15 %	90-72-2 202-013-9 01-2119560597-27- XXXX	Acute Tox. 4; H302 Skin Corr. 1C; H314 Eye Dam. 1; H318	>= 5 - < 10
Cashew, nutshell liq.	8007-24-7 700-991-6 01-2119502450-57- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317	>= 3 - < 5
		Acute toxicity esti- mate	
		Acute oral toxicity: 500 mg/kg Acute dermal toxicity: 2.000 mg/kg	

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2-Propenenitrile, reaction products with 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine	90530-20-4 292-059-6 01-2120773937-35- XXXX	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 2; H411	>= 1 - < 2,5
2,2,4(or 2,4,4)-trimethylhexane- 1,6-diamine	25513-64-8 247-063-2 01-2119560598-25- XXXX	Acute Tox. 4; H302 Skin Corr. 1A; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 ————————————————————————————————————	>= 0,1 - < 0,5

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-

sue damage and blindness.

In the case of contact with eyes, rinse immediately with plenty

of water and seek medical advice.

Continue rinsing eyes during transport to hospital.

Remove contact lenses.

Keep eye wide open while rinsing.

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 and effects, both acute and delayed

Symptoms : Gastrointestinal discomfort

Allergic reactions

Dermatitis

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See Section 11 for more detailed information on health effects

and symptoms.

Health injuries may be delayed. Risks

> corrosive effects sensitising effects

Harmful if swallowed.

May cause an allergic skin reaction.

Causes serious eye damage.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated

exposure.

Corrosive to the respiratory tract.

Causes severe burns.

#### 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 : In case of fire, use water/water spray/water jet/carbon diox-

ide/sand/foam/alcohol resistant foam/chemical powder for

extinction.

#### 5.2 Special hazards arising from the substance or mixture

ucts

Hazardous combustion prod- : No hazardous combustion products are known

#### 5.3 Advice for firefighters

for firefighters

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

Further information Standard procedure for chemical fires.

#### **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.

according to Regulation (EC) No. 1907/2006

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#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see

section 8).

Do not get in eyes, on skin, or on clothing. For personal protection see section 8.

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Smoking, eating and drinking should be prohibited in the 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 areas and containers

: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accord-

ance 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

use.

according to Regulation (EC) No. 1907/2006

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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 parameters *	Basis *
benzyl alcohol	100-51-6	TWA	5 ppm 22 mg/m3	CH SUVA
	Further information: The substance can be present simultaneously as vapor and aerosol, Toxic by skin resorption possible; Substances, which are easily absored through the skin, can give by additional skin resoption a substancial higher risk compared to only inhalation by the airways., National Institute for Occupational Safety and Health, Harm to the unborn child is not to be expected when the OEL-value is respected			
m-phenylenebis(methylamine)	1477-55-0	TWA	0,1 mg/m3	CH SUVA
	Further information: Toxic by skin resorption possible; Substances, which are easily absored through the skin, can give by additional skin resoption a substancial higher risk compared to only inhalation by the airways., Sensitizers; Substances marked with an S can lead to very strong allergic reactions.			

<sup>\*</sup>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 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 additionally recommended for mixing

and stirring work.

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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 - Methods 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 controls**

General advice : Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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

#### 9.1 Information on basic physical and chemical properties

Physical state liquid Colour vellow

amine-like Odour

Melting point/range / Freezing : No data available

point

Boiling point/boiling range No data available

Flammability (solid, gas) No data available

#### Upper/lower flammability or explosive limits

Upper explosion limit / Up- : No data available

per flammability limit

Lower explosion limit / Lower flammability limit No data available

Flash point > 101 °C

Method: closed cup

Auto-ignition temperature No data available

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JIKa

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Decomposition temperature : No data available

pH : ca. 11 (20 °C)

Concentration: 50 %

**Viscosity** 

Viscosity, kinematic : > 20,5 mm2/s (40 °C)

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-

octanol/water

No data available

Vapour pressure : 0,07 hPa

Density : ca. 1,03 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.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

according to Regulation (EC) No. 1907/2006

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## 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**

Harmful if swallowed.

## **Components:**

benzyl alcohol:

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

Acute toxicity estimate: 1.620 mg/kg

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Method: Calculation method

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

Exposure time: 4 h

Test atmosphere: dust/mist

Acute toxicity estimate: 4,178 mg/l

Test atmosphere: dust/mist Method: Calculation method

#### 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

#### 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

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Assessment: Corrosive to the respiratory tract.

Acute toxicity estimate: 1,34 mg/l Test atmosphere: dust/mist Method: Calculation method

Acute dermal toxicity : LD50 Dermal (Rat): > 3.100 mg/kg

2-piperazin-1-ylethylamine:

Acute oral toxicity : LD50 Oral (Rat): > 1.999 mg/kg

Acute toxicity estimate: 1.999 mg/kg

Method: Calculation method

Acute dermal toxicity : LD50 Dermal (Rabbit): ca. 866 mg/kg

Acute toxicity estimate: 866 mg/kg Method: Calculation method

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

Acute oral toxicity : LD50 (Rat): > 1.999 mg/kg

Remarks: Harmful if swallowed.

Annex VI - Harmonised

REGULATION (EC) No 1272/2008

Cashew, nutshell liq.:

Acute oral toxicity : LD50 Oral (Rat): 500 mg/kg

Acute toxicity estimate: 500 mg/kg Method: Calculation method

Acute dermal toxicity : LD50 Dermal (Rat): 2.000 mg/kg

Acute toxicity estimate: 2.000 mg/kg

Method: Calculation method

2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine:

Acute oral toxicity : LD50 Oral (Rat): 910 mg/kg

Acute toxicity estimate: 910 mg/kg Method: Calculation method

Skin corrosion/irritation

Causes severe burns.

**Components:** 

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

Species : Rabbit Assessment : Corrosive

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Method : OECD Test Guideline 404

Assessment : irritating

Remarks : Annex VI - Harmonised

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#### Serious eye damage/eye irritation

Causes serious eye damage.

## **Components:**

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

Species : Rabbit

Assessment : Causes serious eye damage.

Assessment : irritating

Remarks : Annex VI - Harmonised

REGULATION (EC) No 1272/2008

#### Respiratory or skin sensitisation

#### Skin sensitisation

May cause an allergic skin reaction.

#### 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

Suspected of damaging fertility or the unborn child.

#### STOT - single exposure

Corrosive to the respiratory tract.

#### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

#### **Aspiration toxicity**

Not classified based on available information.

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

#### **Product:**

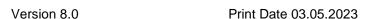
Assessment : The substance/mixture does not contain components consid-

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

levels of 0.1% or higher.

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## **SECTION 12: Ecological information**

## 12.1 Toxicity

#### Components:

benzyl alcohol:

Toxicity to fish : LC50 (Fish): > 100 mg/l

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/aquatic

plants

ErC50 (Desmodesmus subspicatus (green algae)): > 10 - 100

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

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l

Exposure time: 48 h

2-piperazin-1-ylethylamine:

Toxicity to fish LC50 (Fish): > 100 mg/l

Exposure time: 96 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

2,2,4(or 2,4,4)-trimethylhexane-1,6-diamine:

Toxicity to algae/aquatic

plants

: EC50 (Scenedesmus capricornutum (fresh water algae)): 29,5

mg/l

Exposure time: 72 h

Toxicity to fish (Chronic tox-

icity)

LC50: 174 mg/l

Exposure time: 48 h

Species: Leuciscus idus (Golden orfe)

according to Regulation (EC) No. 1907/2006

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## 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

## **Product:**

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

#### 12.6 Endocrine disrupting properties

#### **Product:**

Assessment : The substance/mixture does not contain components 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-

mation

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

local authority requirements.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Waste code Switzerland : 08 01 11 -

according to Regulation (EC) No. 1907/2006

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VeVA/LVA

Contaminated packaging : 15 01 10 [S] packaging containing residues of or contaminat-

ed by dangerous substances

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

ADR : UN 1760 IMDG : UN 1760 IATA : UN 1760

14.2 UN proper shipping name

ADR : CORROSIVE LIQUID, N.O.S.

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-

phenylenebis(methylamine))

IMDG : CORROSIVE LIQUID, N.O.S.

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-

phenylenebis(methylamine))

**IATA** : Corrosive liquid, n.o.s.

(3-aminomethyl-3,5,5-trimethylcyclohexylamine, m-

phenylenebis(methylamine))

#### 14.3 Transport hazard class(es)

Class Subsidiary risks

 ADR
 : 8

 IMDG
 : 8

 IATA
 : 8

#### 14.4 Packing group

ADR

Packing group : II
Classification Code : C9
Hazard Identification Number : 80
Labels : 8
Tunnel restriction code : (E)

**IMDG** 

Packing group : II
Labels : 8
EmS Code : F-A, S-B
Remarks : Alkalis

IATA (Cargo)

Packing instruction (cargo : 855

according to Regulation (EC) No. 1907/2006

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aircraft)

Packing instruction (LQ) Y840 Packing group Ш

Labels Corrosive

IATA (Passenger)

Packing instruction (passen-851

ger aircraft)

Packing instruction (LQ) Y840 Packing group Ш

Labels Corrosive

14.5 Environmental hazards

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

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 75, 3

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

Not applicable

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

None of the components are listed

(=> 0.1 %).

REACH - List of substances subject to authorisation

(Annex XIV)

Not applicable

Regulation (EC) No 1005/2009 on substances that de-

plete the ozone layer

Not applicable

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Regulation (EU) 2019/1021 on persistent organic pollu-

tants (recast)

PIC Ordinance, ChemPICO (814.82) : Not applicable

REACH Information: All substances contained in our Products are

- registered by our upstream suppliers, and/or

Not applicable

- registered by us, and/or

excluded from the regulation, and/orexempted from the registration.

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

Not applicable

Water hazard class (Germa-

WGK 2 obviously hazardous to water

ny)

Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds :

Law on the incentive tax for volatile organic compounds

(VOCV)

Volatile organic compounds (VOC) content: 42,6% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 42,6% w/w

#### Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

The product belongs to group 2 according to the Swiss Chemicals Ordinance (ChemO 813.11).

#### 15.2 Chemical safety assessment

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

according to Regulation (EC) No. 1907/2006

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#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.
H312 : Harmful in contact with skin.

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.

H332 : Harmful if inhaled.

H361 : Suspected of damaging fertility or the unborn child.

H372 : Causes damage to organs through prolonged or repeated

exposure.

H411 : 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 Chronic : Long-term (chronic) aquatic hazard

Eye Dam. : Serious eye damage

Eye Irrit. : Eye irritation

Repr. : Reproductive toxicity
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated exposure CH SUVA : Switzerland. Limit values at the work place

CH SUVA / TWA : Time Weighted Average

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

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 Registration, Evaluation, Authorisation and Restriction of Chemi-

according to Regulation (EC) No. 1907/2006

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cals (REACH), establishing a European Chemicals Agency

SVHC : Substances of Very High Concern

vPvB : Very persistent and very bioaccumulative

#### **Further information**

Classification of the mixture:		Classification procedure:
Acute Tox. 4	H302	Calculation method
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Skin Sens. 1	H317	Calculation method
Repr. 2	H361	Calculation method
STOT RE 2	H373	Calculation method
Aquatic Chronic 3	H412	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version!

CH / EN