WACKER

Safety Data Sheet (1907/2006/EC)

Material: 60065850 **VINNAPAS® EPMX**

Revision Date: 07.10.2025 / Version 1.6 (CLP_VO)
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial product name: **VINNAPAS® EPMX**

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

Use of substance / preparation:
Industrial.
Binder for: Building materials , coating , paints , adhesives , Sealants .

1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor:	Wacker Chemie AG	
Street/POB-No.:	Gisela-Stein-Straße 1	
State/postal code/city:	D 81671 München	
Telephone:	+49 89 6279-0	
Information about the Safety Data Sheet:	Telephone	+49 8677 83-4888
	eMail	WLCP-MSDS@wacker.com

1.4 Emergency telephone number

Emergency Information:	Europe	**+44 1235 239670**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Classification	H-Code
Skin sensitisation, Category 1	H317

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008:

Pictogram(s):

Signal Word: Warning

H-Code	Hazard Statements
H317	May cause an allergic skin reaction.

P-Code	Precautionary Statements
P280	Wear protective gloves/protective clothing/eye protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.

Hazard ingredients (labelling):
2-methyl-4-isothiazolin-3-one
1,2-benzisothiazol-3(2H)-one
Chloro-methyl-isothiazolin-one and methyl-isothiazolin-one (3:1 mix) (0,0014 %)

Biocidal Products Regulation (528/2012)
Contains a 3:1 mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one as preservative for products during storage according to regulation (EC) No 528/2012 art. 58(3).

2.3 Other hazards

No data available.
Endocrine disrupting properties - human health: 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.
Endocrine disrupting properties - environment: 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

3.1 Substances

not applicable

3.2 Mixtures

3.2.1 Chemical characteristics

polymer (dispersion in water)

3.2.2 Hazardous ingredients

1,2-benzisothiazol-3(2H)-one			>=0,0036 – <0,036 %
CAS-No.: 2634-33-5	EC-No.: 220-120-9	Index-No.: 613-088-00-6	
INHA [1]			
Classification according to Regulation (EC) No. 1272/2008*	Aquatic Acute 1 / H400; Eye Dam. 1 / H318; Acute Tox. 2, by inhalation / dust/mist / H330; Skin Irrit. 2 / H315; Aquatic Chronic 1 / H410; Acute Tox. 4, oral / H302; Skin Sens. 1A / H317 M-Factor, Acute = 1 M-Factor, Chronic = 1 specific concentration limit: >= 0,036 %: Skin Sens. 1A / H317 ATE, Oral: 450 mg/kg ATE, inhalation (dust/mist/fume): 0,21 mg/l		

2-methyl-4-isothiazolin-3-one			>=0,0015 – <0,01 %
CAS-No.: 2682-20-4	EC-No.: 220-239-6	Index-No.: 613-326-00-9	
INHA [1]			
Classification according to Regulation (EC) No. 1272/2008*	Aquatic Chronic 1 / H410; Aquatic Acute 1 / H400; Skin Sens. 1A / H317; Eye Dam. 1 / H318; Skin Corr. 1B / H314; Acute Tox. 2, by inhalation / dust/mist / H330; Acute Tox. 3, dermal / H311; Acute Tox. 3, oral / H301 EUH071 M-Factor, Acute = 10 M-Factor, Chronic = 1 specific concentration limit: >= 0,0015 %: Skin Sens. 1A / H317		

Chloro-methyl-isothiazolin-one and methyl-isothiazolin-one (3:1 mix)			>=0,001 – <0,0015 %
CAS-No.: 55965-84-9	EC-No.: 611-341-5	Index-No.: 613-167-00-5	
INHA [1]			
Classification according to Regulation (EC) No. 1272/2008*	Acute Tox. 3, oral / H301; Acute Tox. 2, dermal / H310; Acute Tox. 2, by inhalation / dust/mist / H330; Skin Corr. 1C / H314; Skin Sens. 1A / H317; Aquatic Acute 1 / H400; Aquatic Chronic 1 / H410; Eye Dam. 1 / H318 EUH071 M-Factor, Acute = 100 M-Factor, Chronic = 100 specific concentration limit: >= 0,0015 %: Skin Sens. 1A / H317 0,06 - < 0,6 %: Eye Irrit. 2 / H319 0,06 - < 0,6 %: Skin Irrit. 2 / H315 >= 0,6 %: Skin Corr. 1C / H314 >= 0,6 %: Eye Dam. 1 / H318		

Type: INHA: ingredient, VERU: impurity

[1] = Hazardous or environmentally harmful substance; [2] = substance with a Community workplace exposure limit; [3] = PBT substance; [4] = vPvB substance; [5] = Endocrine disrupting properties

*For explanation of abbreviations see section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above ≥ 0.1%.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:
Take persons to a safe place. Observe self-protection for first aid. In the event of allergic reactions, particularly those affecting the respiratory system, seek immediate medical advice.

After contact with the eyes:
Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice and clearly identify substance.

After contact with the skin:
Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

After inhalation:
Keep the patient calm. If unconscious place in stable sideways position. Protect against loss of body heat. If breathing stops, administer artificial respiration. Seek medical advice and clearly identify substance.

After swallowing:
If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed

Product can lead to sensitisation and can trigger allergies. After inhalation: treat as early as possible using cortisone spray. Further toxicology information in section 11 must be observed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
not applicable .

Extinguishing media which must not be used for safety reasons:
not applicable .

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: hydrogen chloride .

5.3 Advice for firefighters

Special protective equipment for fire fighting:
Use respiratory protection independent of recirculated air.

General information:
Product does not burn. Use extinguishing measures appropriate to the source of the fire. Dried up material is combustible.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment (see section 8). If material is released indicate risk of slipping.

6.2 Environmental precautions

Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth).

6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean up with plenty of water. Dispose of cleansing water in accordance with local/state/federal regulations.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

General information:

No special protective measures required.

Precautions for safe handling:
Spilled substance increases risk of slipping.

Precautions against fire and explosion:
No special precautions against fire and explosion required.

7.2 Conditions for safe storage, including any incompatibilities

Conditions for storage rooms and vessels:
Protect against frost.

Advice for storage of incompatible materials:
not applicable .

Further information for storage:
not applicable .

Minimum temperature allowed during storage and transportation: 5 °C

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Maximum airborne concentrations at the workplace:

Substance	Type	mg/m³	ppm	Dust fract.	Fibre/m³
Aerosol - inhalable fraction		10,0			

-
The aerosol limit specified is a recommendation should aerosol be formed during processing.

8.2 Exposure controls

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:
Do not eat, drink or smoke when handling. Avoid contact with skin.

Further information for system design and engineering measures

No special measures required.

Personal protection equipment:

Respiratory protection

No personal respiratory protective equipment normally required.

Eye protection

protective goggles, according to acknowledged standards such as EN 166.

Hand protection

Protective gloves are required at all times when handling the material, according to recognized standards such as EN374.

Recommended glove types: Protective gloves made of nitrile rubber

thickness of the material: > 0,3 mm
Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of butyl rubber
thickness of the material: > 0,3 mm
Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

Skin protection

Wear suitable protective clothing and gloves.

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters, drains or sewers and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
Physical state	liquid	
Colour	white	
Odour	faint	
Odour Threshold	no data available	
Melting point	0 °C at 1013 hPa	(Lit.)
Boiling point/boiling range	100 °C at 1013 hPa	(Lit.)
Lower explosion limit	not applicable	
Upper explosion limit	no data available	
Flash point	not applicable	
Ignition temperature	Not applicable.	
Thermal decomposition	no data available	
pH	4 - 7 (51,5 %)	
Viscosity, kinematic	no data available	
Viscosity, dynamic	90 - 3000 mPa.s at 23 °C	(DIN EN ISO 2555)
Partition coefficient: n-octanol/water	no data available	
Vapour pressure	23 hPa at 20 °C	
Density	1 g/cm³ (20 °C; 1013 hPa)	
Relative vapour density	no data available	
Particle Size Distribution	No data available.	

9.2 Other information

No data available.

Property:	Value:	Method:
Evaporation rate	no data available	
Molecular weight	not applicable	
synthetic polymer microparticles	The product contains synthetic polymer microparticles above the concentration limit, which confer a sought-after characteristic. Use according to data sheets. Do not release contents, residues or packaging into the environment. Dispose of properly after use. Avoid dust formation.	

Polymers of vinyl acetate or of other vinyl esters; other vinyl polymers	<=100 %

SECTION 10: Stability and reactivity

10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

If stored and handled properly: none known.

SECTION 11: Toxicological information

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

11.1.1 Acute toxicity

Product details:

Exposure routes	Result/Effect
Oral	LD50 > 5000 mg/kg (LD50 cut-off according ATC method) Species: Rat, Method: OECD 423, Source: Conclusion by analogy

11.1.2 Skin corrosion/irritation

Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

Product details:

No skin irritation (Species: human keratinocytes, Method: OECD 439, Source: Conclusion by analogy)
No skin irritation (Species: Rabbit, Method: OECD 404, Source: Conclusion by analogy)

11.1.3 Serious eye damage/eye irritation

Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

Product details:

No eye irritation (Method: OECD 492, Source: Conclusion by analogy)
No eye irritation (Species: Rabbit, Method: OECD 405, Source: Conclusion by analogy)

11.1.4 Respiratory or skin sensitisation

Assessment:

For this endpoint no toxicological test data is available for the whole product.

Product details:

Exposure routes	Result
Inhalation	No data available.

11.1.5 Germ cell mutagenicity

Assessment:

Based on known data a significant mutagenic potential may be excluded.

negative (Test system: mutation assay (in vitro) / bacterial cells, Method: OECD 471, Source: Conclusion by analogy)

11.1.6 Carcinogenicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.7 Reproductive toxicity

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Specific target organ toxicity - single exposure

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity - repeated exposure

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.10 Aspiration hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

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.

11.2.2 Further toxicological information

Contains < 0.1% of a substance for which studies indicate a low sensitization threshold in humans.

SECTION 12: Ecological information

12.1 Toxicity

Assessment:

No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

Product details:

Result/Effect	Species/Test system	Source
LC50: > 100 mg/l	Oncorhynchus mykiss (rainbow trout) (96 h)	Conclusion by analogy OECD 203
EC50: > 1000 mg/l	Daphnia magna (Water flea) (48 h)	Conclusion by analogy OECD 202
EC10: > 1000 mg/l	activated sludge (0,5 h)	Conclusion by analogy

12.2 Persistence and degradability

Assessment:

Polymer component: Not readily biodegradable. Elimination by adsorption to activated sludge. Separation by flocculation is possible.

12.3 Bioaccumulative potential

Assessment:

No adverse effects expected.

12.4 Mobility in soil

Assessment:

No adverse effects expected.

12.5 Results of PBT and vPvB assessment

PBT assessment
No data available.

vPvB Assessment
No data available.

12.6 Endocrine disrupting properties

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

12.7 Other adverse effects

none known

Additional information

The ecotoxicological results provided were obtained from tests with similar products.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Material

Recommendation:
Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations. The chlorine-containing particles of the dispersions determined in AOX analyses can be precipitated to a great extent by chemical flocculation.

13.1.2 Uncleaned packaging

Recommendation:
Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended cleaning agent:
water

13.1.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

SECTION 14: Transport information

14.1 UN number or ID number

ADR .....: Not applicable
RID .....: Not applicable
IMDG.....: Not applicable
ICAO/IATA .....: Not applicable

14.2 Proper shipping name

ADR .....: Not applicable
RID .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.3 Transport hazard class

ADR .....: Not applicable
RID .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.4 Packing group

ADR .....: Not applicable
RID .....: Not applicable
IMDG .....: Not applicable
ICAO/IATA .....: Not applicable

14.5 Environmental hazards

Environmentally hazardous: no

14.6 Special precautions for user

Relevant information in other sections has to be considered.

14.7 Maritime transport in bulk according to IMO instruments

Bulk transport in tankers is not intended.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

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

Not applicable

Other specifications, restrictions and prohibitions:

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX I. RESTRICTED EXPLOSIVES PRECURSORS: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX II. REPORTABLE EXPLOSIVES PRECURSORS: Not applicable

REACh Annex XVII: The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

REACh Annex XVII: For this product, entry 3 of Annex XVII to Regulation 1907/2006, as amended, must be taken into account.

Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan ..... : **ENCS** (Handbook of Existing and New Chemical Substances):
This product is listed in, or complies with, the substance inventory.
Australia ..... : **AIIC** (Australian Inventory of Industrial Chemicals):
This product is listed in, or complies with, the substance inventory.
China ..... : **IECSC** (Inventory of Existing Chemical Substances in China):
This product is listed in, or complies with, the substance inventory.

Canada ..... :	**DSL** (Domestic Substance List): This product is listed in, or complies with, the substance inventory.
Philippines..... :	**PICCS** (Philippine Inventory of Chemicals and Chemical Substances): This product is not listed or in compliance with the substance inventory.
United States of America (USA)..... :	**TSCA** (Toxic Substance Control Act Chemical Substance Inventory): All components of this product are listed as active or are in compliance with the substance inventory.
Taiwan ..... :	**TCSI** (Taiwan Chemical Substance Inventory): This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.
European Economic Area (EEA)..... :	**REACH** (Regulation (EC) No 1907/2006): General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.
South Korea (Republic of Korea) ..... :	**AREC** (Act on Registration and Evaluation of Chemicals; “K-REACH”): Please approach your regular contact for more detailed information.

15.2 Chemical safety assessment

Due to the results of the chemical safety assessment, exposure scenarios and identified uses are not of relevance for this safety data sheet.

SECTION 16: Other information

16.1 Material

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

Key or legend to abbreviations and acronyms used in the safety data sheet

ABEK - Multi-Range Filter A, B, E, K; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; APF - Assigned Protection Factor; CAS No. - Chemical Abstracts Service Registry Number; DFG - German Research Foundation; DIN - German institute for standardization; DOC - Dissolved Organic Carbon; d/w - days per week; EC / CE / EG - European Community; EC50 / CE50 - Median effective concentration; ECHA - European Chemicals Agency; ED - endocrine disruptor; EG-RL - test method according to Regulation 440/2008; EN - European Standard; ERC - Environmental Release Category; g/cm³ - gram per cubic centimeter; h - hour(s); H-Code - hazard statement code(s); hPa - Hectopascal; IATA Regs - International Air Transport Association (IATA) Dangerous Goods Regulations;IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;IC50 / CI50 - half maximal inhibitory concentration;IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IMDG Code - International Maritime Dangerous Goods Code; ISO - International Organization for Standardization; LC50 / CL50 - medium lethal concentration; LD50 / DL50 - medium lethal dose; LOAEC - Lowest Observed Adverse Effect Concentration; LOAEL - Lowest Observed Adverse Effect Level; MARPOL - International Convention for the Prevention of Marine Pollution from Ships; mg/g - milligrams per gram; mg/kg - milligrams per kilogram; mg/l - milligrams per liter; mg/m³ - milligrams per cubic meter; min - minutes; mJ - millijoule; mm - millimeter; mm²/s - square millimeter per second; mPa.s - Millipascal second(s); MSDS / SDB / SDS - safety data sheet; No Observed Adverse Effect Concentration; NOAEL - No Observed adverse effect level; NOEC - No Observed Effect Concentration;

NOEL - No Observed Effect Level; OECD - Organization for Economic Cooperation and Development; PBT - persistent, bioaccumulative, toxic; PC - product category; P-Code - precautionary statement code(s); ppm - parts per million; PROC - process category; RCP - reciprocal calculation-based procedure; RID - convention concerning international carriage by rail; SU - sector of use; SVHC - substance of very high concern; Vol% - volume percent; UN No. - United Nations Dangerous Goods Number; vPvB - very Persistent, very Bioaccumulative

Full text of H-Statements:

Aquatic Acute 1; H400: Short-term (acute) aquatic hazard Category 1; Very toxic to aquatic life.
Eye Dam. 1; H318.....: Serious eye damage/eye irritation Category 1; Causes serious eye damage.
Acute Tox. 2; H330 ....: Acute toxicity Category 2; Fatal if inhaled.
Skin Irrit. 2; H315 .....: Skin corrosion/irritation Category 2; Causes skin irritation.
Aquatic Chronic 1; H410 : Long-term (chronic) aquatic hazard Category 1; Very toxic to aquatic life with long lasting effects.
Acute Tox. 4; H302 ....: Acute toxicity Category 4; Harmful if swallowed.
Skin Sens. 1A; H317 ..: Skin sensitisation Category 1A; May cause an allergic skin reaction.
Aquatic Chronic 1; H410 : Long-term (chronic) aquatic hazard Category 1; Very toxic to aquatic life with long lasting effects.
Aquatic Acute 1; H400: Short-term (acute) aquatic hazard Category 1; Very toxic to aquatic life.
Skin Sens. 1A; H317 ..: Skin sensitisation Category 1A; May cause an allergic skin reaction.
Eye Dam. 1; H318.....: Serious eye damage/eye irritation Category 1; Causes serious eye damage.
Skin Corr. 1B; H314 ...: Skin corrosion/irritation Category 1B; Causes severe skin burns and eye damage.
Acute Tox. 2; H330 ....: Acute toxicity Category 2; Fatal if inhaled.
Acute Tox. 3; H311 ....: Acute toxicity Category 3; Toxic in contact with skin.
Acute Tox. 3; H301 ....: Acute toxicity Category 3; Toxic if swallowed.
EUH071 .....: Corrosive to the respiratory tract.
Acute Tox. 3; H301 ....: Acute toxicity Category 3; Toxic if swallowed.
Acute Tox. 2; H310 ....: Acute toxicity Category 2; Fatal in contact with skin.
Acute Tox. 2; H330 ....: Acute toxicity Category 2; Fatal if inhaled.
Skin Corr. 1C; H314 ...: Skin corrosion/irritation Category 1C; Causes severe skin burns and eye damage.
Skin Sens. 1A; H317 ..: Skin sensitisation Category 1A; May cause an allergic skin reaction.
Aquatic Acute 1; H400: Short-term (acute) aquatic hazard Category 1; Very toxic to aquatic life.
Aquatic Chronic 1; H410 : Long-term (chronic) aquatic hazard Category 1; Very toxic to aquatic life with long lasting effects.
Eye Dam. 1; H318.....: Serious eye damage/eye irritation Category 1; Causes serious eye damage.
EUH071 .....: Corrosive to the respiratory tract.

Classification	Rationale:
Skin sensitisation, Category 1	Calculation method

- End of Safety Data Sheet -