EWI-075 SILICONE RENDER SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR UNDERTAKING

1.1 Product Identifier:

EWI-075 Silicone Render

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

Render Finish - this product is used for coating building surfaces. This product should not be used for any other purpose

Sector of use:

SU19 – Building and construction work

Product Category (PC):

PC9a – Coatings and paints, thinners, paint removers

1.3 Details of the supplier of the safety data sheet:

Manufacturer:

EWI Pro Insulation Systems Ltd
Unit 1-2, King Georges Trading Estate, Davis Road, Chessington, England, KT9 1TT
0800 133 7072
info@ewipro.com
technical@ewipro.com

Producer:

KREISEL - Technika Budowlana Sp. z o.o., ul. Szarych Szeregów 23, 60-462 Poznań, Poland
Tel. +48 61 846 79 00
Fax +48 61 846 79 09
sekretariat@kreisel.pl
www.kreisel.pl

1.4 Emergency phone number:

Environment Agency Emergency Hotline: +44/(0)800 80 70 60

Emergency Services (UK): 999

SECTION 2: HAZARDS IDENTIFICATION

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

The product is not classified according to the CLP regulation.

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

Hazard Pictograms:

Void

Signal Word:

Void

Hazard Statements:

Void

Precautionary Statements:

General safety - Observe the general safety regulations when handling chemicals.

Additional Information:

EUH208 Contains Mixture of 5-Chloro-2-methyl-2H-isothiazolin-3-one [EC 247-500-7] and 2-Methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1).

May produce an allergic reaction.

Health hazards can occur after inhalation of aerosols.

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Composition:

This product is a mixture. Mixture of silicone- and other polymer dispersion, water glass and non-hazardous fillers and additions.

3.2 Hazardous Substances:

Dangerous components: No declarable substances

Additional information: For the wording of the listed hazard phrases refer to section 16

Main Components:

CAS: 1317-65-3 EINECS: 215-279-6 Reg.nr.: -	Limestone (Calcium carbonate)	50 - 100%
CAS: 7732-18-5 EINECS: 231-791-2 Reg.nr.:	Water	10-25%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General information: For first responder no special personal protective equipment is required. First responder should avoid contact with the product where possible.

After inhalation: Take affected persons into fresh air. It is always advisable to seek medical treatment. If patient is unconscious, turn the patient on their side. Check that their breathing is stable and if not seek out first aider to perform artificial respiration and/or CPR (cardiopulmonary resuscitation).

After skin contact: Immediately wash with water and soap and rinse thoroughly. Immediately remove all soiled and contaminated clothing. Wash contaminated clothes before re-use. Clean contaminated shoes before re-use. If skin irritation continues, consult a medical professional.

After eye contact: Do not rub eyes because this can cause additional damage. If necessary, remove contact lenses and immediately rinse the eye with water, or if possible, with isotonic eyewash solution (e.g. 0.9% NaCl). Always consult a medical professional.

After swallowing: Do not induce vomiting. If physically able, rinse mouth with water and drink plenty of water. Consult a medical professional or poison control centre.

4.2 Main symptoms and effects, acute and delayed:

Symptoms and effects are described in section 2 and 11.

Hazards: No further relevant information available

4.3 Indications for medical attention and special treatments to be administered immediately:

➥ If it is necessary to seek medical attention, this safety data sheet should be presented to the medical professional

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

The mixture is fire resistant in both delivery condition and mixed condition. In the event of a fire, the mixture will not need extinguishing.

5.2 Specific hazards arising from the mixture:

This product is neither explosive nor flammable, and non-oxidizing with other materials.

5.3 Advice for firefighters:

No special measures required. Collect contaminated firefighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)

Protective gloves: Wear suitable protective gloves when handling the product. Gloves must be impermeable and resistant to the material (e.g. nitrile rubber, synthetic rubber, or PVC). Recommended thickness: ≥ 0.15 mm. Check gloves for damage before each use. Avoid prolonged or unnecessary glove use to reduce skin irritation. Consult glove manufacturer for exact breakthrough times and ensure compatibility with the product.

Body protection: Protective work clothing

Eye protection: In case of splash risk use tightly fitting safety goggles according to EN 166.

6.2 Precautions for the environment:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

6.3 Methods and material for containment and cleaning:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Ensure good ventilation in the workplace. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities / water for cleaning eyes and skin should be available. People with skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Do not eat, drink, smoke or sniff the product.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: Keep out of reach of children. Store in cool, dry place in tightly closed containers.

Information about storage in one common storage facility: Keep away from food and drink.

Further information about storage conditions: Protect from frost. Protect from heat and direct sunlight.

Miniumum storage temperature: Minimum storage temperature (+5 °C up to 25 °C): See indication on package.

Storage class: 10

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

During manufacture, the valid lists were used as a guidance only.

8.2 Exposure controls:

8.2.1. General protective and hygienic measures:

For any skin sensitivities, use skin protection cream. Avoid close or long-term contact with the skin. Avoid contact with the eyes. Wash hands before breaks and at the end of work. Keep away from food and drink. Do not sniff the product.

Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)

Protective gloves: Wear suitable protective gloves when handling the product. Gloves must be impermeable and resistant to the material (e.g. nitrile rubber, synthetic rubber, or PVC). Recommended thickness: ≥ 0.15 mm. Check gloves for damage before each use. Avoid prolonged or unnecessary glove use to reduce skin irritation. Consult glove manufacturer for exact breakthrough times and ensure compatibility with the product.

Gloves made of the following materials are not suitable: Leather gloves

Body protection: Protective work clothing

Eye protection: In case of splash risk use tightly fitting safety goggles according to EN 166.

Risk management measures:

Operator training in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

8.2.2. Information about design of technical facilities

No further data; see item 7.

8.2.3. Environmental exposure controls:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Avoid release into the environment. Use the surplus or dispose of it properly.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

General Information

➥ Physical state Liquid

Appearance:

➥ Form: Pasty

➥ Colour: Different according to colouring

➥ Odour: Mild

➥ Odour threshold: Not safety relevant

➥ pH at 20 °C (68 °F) 8 - 10

Change in condition

➥ Melting point/freezing point: ~ 0 °C (~ 32 °F) (ISO 3016)

➥ Boiling point or initial boiling point and

➥ Boiling range 100 °C (212 °F)

➥ Flammability Product is not flammable.

➥ Flash point: Not applicable

➥ Auto-ignition temperature: > 400 °C (> 752 °F) (DIN 51794)

➥ Decomposition temperature: > 825°C to CaO and CO_2

➥ Oxidising properties: None

➥ Explosive properties: Product does not present an explosion hazard.

➥ Lower and upper explosion limit

➥ Lower: Not determined

➥ Upper: Not determined

➥ Ignition temperature: Product is not selfigniting.

➥ Vapour pressure at 20 °C (68 °F): 23 hPa (17.3 mm Hg)

➥ Density and/or relative density

➥ Density at 20 °C (68 °F): 1.4 - 1.6 g/cm³ (11.68 - 13.35 lbs/gal)

Particle size

➥ Viscosity:

➥ Dynamic at 20 °C (68 °F): > 5,000 mPas (DIN 53019)

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Solubility

➥ Water: Fully miscible

➥ Partition coefficient n-octanol/water (log value) Not determined

➥ Solids content: 82 - 84 %

➥ Solvent content:

➥ Organic solvents: 0.2 %

➥ VOC without water (EC): 0 g/l

➥ VOC with water (EC): 0 g/l

➥ VOC with water (EC): 0 %

9.2 Other information

➥ Information with regard to physical hazard classes

➥ Explosives Void

➥ Flammable gases Void

➥ Aerosols Void

➥ Oxidising gases Void

➥ Gases under pressure Void

➥ Flammable liquids Void

➥ Flammable solids Void

➥ Self-reactive substances and mixtures Void

➥ Pyrophoric liquids Void

➥ Pyrophoric solids Void

➥ Self-heating substances and mixtures Void

➥ Substances and mixtures, which emit flammable gases in contact with water Void

➥ Oxidising liquids Void

➥ Oxidising solids Void

➥ Organic peroxides Void

➥ Corrosive to metals Void

➥ Desensitised explosives Void

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No dangerous reactions known

10.2 Chemical stability:

The product is stable as long as it is stored properly and dry.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

Minimum storage life:

Minimum storage life (+5°C up to 25°C): See indication on package.

Additional information:

No further relevant information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Hazard Classes as Defined in GB CLP Regulation

This product has not been specifically tested for hazard classification. The information provided is based on the known properties of its individual components.

Acute toxicity:

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
1317-65-3 Limestone (Calcium carbonate)		
Oral	LD_{50}	6,450 mg/kg (Rat) (RTECS Data)
13463-67-7 Titanium dioxide (≥ 1% particles ≤ 10µm, Note 10)		
Oral	LD_{50}	> 5,000 mg/kg (Rat) (OECD 425)
	Carcinogenicity	(Mouse) (ECHA Registration dossier) no effects observed
Dermal	LD_{50}	> 5,000 mg/kg (Rabbit)
2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	LD_{50}	232 - 249 mg/kg (Rat) (OECD 401)
Dermal	LD_{50}	242 mg/kg (Rat) (OECD 402)
Inhalative	LC_{50} (4h)	0.05 mg/l (ATE)
	LC_{50} (4h)	0.11 mg/l (Rat) (OECD 403)

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LD/LC50 values relevant for classification:		
26530-20-1 2-Octyl-2H-isothiazol-3-one		
Oral	LD_{50}	125 mg/kg (ATE) 125 mg/kg (Rat) (OECD 401)
Dermal	LD_{50}	311 mg/kg (ATE) 311 mg/kg (Rat) (OECD 402)
Inhalative	LC_{50} (4h)	0.5 mg/l (ATE)
64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one		
Oral	LD_{50}	567 mg/kg (ATE)
Inhalative	LC_{50} (4h)	0.05 mg/l (ATE)
	LC_{50} (4h)	0.055 - 0.53 mg/l (Rat)

Other information (about experimental toxicology):		
13463-67-7 Titanium dioxide (≥ 1% particles ≤ 10µm, Note 10)		
Oral	OECD 414 (Prenatal Developmental Toxicity	(Rat) no effects observed
Irritation of skin	OECD 404 (skin)	(Rabbit) not corrosive
Irritation of eyes	OECD 405 (eye)	(Rabbit) not irritant
Sensitisation	OECD 429 (LLNA)	(Mouse) not sensitizing
	OECD 421 (Reproduction screening test)	(Rat) no effects observed
2682-20-4 2-Methyl-2H-isothiazol-3-one		
Oral	OECD 408 (Repeated dose oral toxicity 90d)	19 mg/kg bw/day (Rat)
Irritation of skin	OECD 404 (skin)	(Rabbit) corrosive
Sensitisation	OECD 406 (sensitization)	(Guinea pig) sensitizing
26530-20-1 2-Octyl-2H-isothiazol-3-one		
Oral	OECD 471 (In vitro - Mutation, Ames-Test)	(Salmonella typhimurium) Negative
Irritation of skin	OECD 404 (skin)	(Rabbit) Corrosive Category 1B
Irritation of eyes	OECD 405 (eye)	(Rabbit) Irreversible effects Category 1
Sensitisation	OECD 406 (sensitization)	(Guinea pig) Sensitizing Category 1

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eye: Based on available data, the classification criteria are not met.

Sensitization: Sensitising effect by skin contact is possible by prolonged exposure. Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure (STOT SE): Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure (STOT RE): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Practical experience

No further relevant information available.

General comments

No further relevant information available.

11.2 Information on other hazards

Endocrine disrupting properties		
55406-53-6	3-Iodo-2-propynylbutylcarbamate	List II

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

The product was not investigated. The statement is derived from the properties of the single components.

Aquatic toxicity:	
1317-65-3 Limestone (Calcium carbonate)	
LC_{50} (96h)	> 100 mg/l (Rainbow trout - oncorhynchus mykis) (OECD 203)
LC_{50} (48h)	> 100 mg/l (Water flea - daphnia magma) (OECD 202)
EC_{50}	> 14 mg/l (Algae - desmodesmus subspicatus) (OECD 201)
	> 1,000 mg/l (Activated sewage sludge) (OECD 209)
13463-67-7 Titanium dioxide (≥ 1% particles ≤ 10µm, Note 10)	
LC_{50} (48h)	5.5 mg/l (Water flea - daphnia magma)
LC_{50} (96h Marine water)	> 10,000 mg/l (Fish)
LC_{50} (96h Freshwater) (static)	> 100 mg/l (Goldfish) (OECD 203)
EC_{50} (48h)	> 1,000 mg/l (Water flea - daphnia magma) (ASTM Standard E729)
EC_{50} (72h)	5.83 mg/l (Algae - pseudokirchneriella subcapitata)
EC_{50} (3h)	> 1,000 mg/l (Activated sludge organisms) (OECD 209)
EC_{50} (7d)	> 100 mg/l (Lemna minor) (OECD 221)
NOEC (48h)	1 mg/l (Water flea - daphnia magma)
NOEC (21d)	> 10 mg/kg (Water flea - daphnia magma) (OECD 202)
NOEC (28d) (static)	> 100 mg/l (Chironomus riparius) (OECD 219) Soil
NOEC (32d)	> 1 mg/l (Algae - scenedesmus quadricauda)
NOEC (8d)	> 1,000 mg/l (Zebrafish - danio rerio) (OECD 212)
2682-20-4 2-Methyl-2H-isothiazol-3-one	
LC_{50} (96h Marine water)	2.98 mg/l (Water flea - daphnia magma)
LC_{50} (96h Freshwater)	0.934 mg/l (Water flea - daphnia magma)
LC_{50}	4.77 mg/l (Fish) (OECD 203)
EC_{10}	0.044 mg/l (Water flea - daphnia magma) (OECD 211) 4.93 mg/l (Fish)
EC_{50}	41 mg/l (Activated sewage sludge) (OECD 209) 0.103 mg/l (Algae - pseudokirchneriella subcapitata) (OECD 201)
EC_{50} (16h)	2.3 mg/l (Pseudomonas putida)
26530-20-1 2-Octyl-2H-isothiazol-3-one	
LC_{50} (96h)	0.03 mg/l (Rainbow trout - oncorhynchus mykis)
LC_{50} (96h Freshwater)	0.122 mg/l (Fish - pisces)
EC_{10}	0.068 mg/l (Algae) 0.022 mg/l (Fish - pisces) 0.035 mg/l (Aquatic invertebrates)
EC_{50}	30.4 mg/l (Activated sewage sludge)
EC_{50} (48h)	0.32 mg/l (Water flea - daphnia magma) 0.42 mg/l (Water flea - daphnia) (OECD 202)
EC_{50} (72h)	0.084 mg/l (Algae scenedesmus subcapitatus) (OECD 201) S 63
EC_{50} (96h)	0.047 mg/l (Rainbow trout - oncorhynchus mykis) (OECD 203)
EC_{50}/LC_{50}	0.15 mg/l (Algae) 0.181 mg/l (Aquatic invertebrates)
IC_{50} (72h)	0.084 mg/l (Algae scenedesmus subcapitatus) (OECD 201)
64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one	
LC_{50} (96h)	0.014 mg/l (Perch - lepomis macrochirus) (OECD 203) 0.0027 mg/l (Rainbow trout - oncorhynchus mykis)
EC_{50}	5.7 mg/l (Activated sludge organisms)
ErC_{50} (72h)	0.077 mg/l (Algae - pseudokirchneriella subcapitata) (OECD 201)
EC_{50} (48h)	0.0057 mg/l (Water flea - daphnia magma)
EC_{50} (72h)	0.048 mg/l (Algae - pseudokirchneriella subcapitata) (OECD 201)
NOEC (96h)	0.00056 mg/l (Rainbow trout - oncorhynchus mykis)

12.2 Persistence and degradability:

A part of the components is biodegradable.

26530-20-1 2-Octyl-2H-isothiazol-3-one		
Oral	OECD 309 Simulation Biodegradation - Surface Water	0.6 - 1.4 d (not specified) S 635

12.3 Bioaccumulative potential:

26530-20-1 2-Octyl-2H-isothiazol-3-one	
OECD 107 LogKow (Shake Flask Method)	2.92 (n-Octanol/Water)

12.4 Soil mobility:

No further relevant information available

12.5 PBT and vPvB assessment results:

PBT: This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

vPvB: This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Literature

No further relevant information available.

Ecotoxical effects:

No further relevant information available.

Behaviour in sewage processing plants:

Behaviour in sewage processing plants:	
2682-20-4 2-Methyl-2H-isothiazol-3-one	
EC_{20} (3h)	2.8 mg/l (Activated sludge organisms) (DIN 38412-3 TTC-Test)
26530-20-1 2-Octyl-2H-isothiazol-3-one	
EC_{20} (0,5h)	10.4 mg/l (Activated sewage sludge) (TTC-Test 8901 Macherey Nagel)
EC_{20} (3h)	7.3 mg/l (Activated sewage sludge) (OECD 209)
OECD 303 A Activated Sludge Units	> 83 % (Activated sewage sludge) S 313

Additional ecological information:

General notes: Not hazardous for water.

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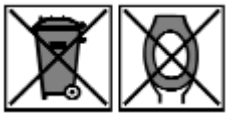
SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.



Risk of environmental pollution. Follow the applicable regulations on waste disposal. Keep unused products and contaminated packaging sealed. Provide containers for waste collection. Hand over for disposal to a specialist company authorised to carry out such activities. Prevent the product from being released into the environment. Do not allow the product to enter the sewage system. Must not be disposed of with municipal waste. Empty containers can be utilised for energy recovery in a waste incineration plant or, if classified accordingly, collected at a landfill site. Perfectly cleaned packaging can be recycled.

The product contains ≥ 0.01% microplastic particles according to Regulation EU 2023/2055. When processed as intended, these particles are immobilised in a solid matrix or are modified in such a way that they no longer fall under the definition of microplastics. Follow the manufacturer's instructions for use and disposal to avoid releasing the product into the environment. Process leftover product and allow it to harden. Recycle or dispose of the cured residues in accordance with the applicable regulations. Collect the water from the cleaning tools and reuse it or dispose of it in the local sewage system. Do not allow cleaning water to enter the environment.

Dispose of contents/container in accordance with local/regional/national/international regulations.

European waste catalogue	
08 01 20	Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
15 01 02	Plastic packaging

08 01 20 for residues of the unprocessed product

15 01 02 for the completely emptied packaging

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations. Recycle only completely emptied packaging.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number:

Void

14.2. Proper Shipping Name:

Void

14.3. Transport Hazard Class(es):

Void

14.4. Packing Group:

Void

14.5. Environmental Hazards:

No

14.6. Special Precautions for User:

Not applicable

14.7. Transport in Bulk According to MARPOL Annex II and the IBC Code:

Not applicable

UN "Model Regulation":

Void

SECTION 15: REGULATORY INFORMATION

15.1 Regulations and legislation on health, safety, and environment specific to the mixture:

Poisons Act:

Regulated explosives precursors: None of the ingredients is listed.

Regulated poisons: None of the ingredients is listed.

Reportable explosives precursors		
7631-99-4	Sodium nitrate	Listed

Reportable poisons		
1310-73-2	Sodium hydroxide	12% of total caustic alkalinity

Directive 2004/42/EC

IIA(c) 40 - this product contains < 40 g/l VOC (see chapter 9)

Product type: PAINTS AND VARNISHES

• Product subcategory: Exterior walls of mineral substrate

· Water-borne coatings, Limit value: 40 g/l

Directive (EU) 2012/18

Named dangerous substances - ANNEX I:

None of the ingredients is listed.

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DIRECTIVE (EU) 2011/65 on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

Regulation (EU) 2019/1148

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

Biozide ingredients (EU) 528/2012:

Data based on recipe and information on the raw materials from the supply chain.

Tetramethylolacetylene diurea	< 0.03%
1,2-Benzisothiazol-3(2H)-one	< 0.003%
2-tert-Butylamino-4-ethylamino-6-methylthio-s-triazine (Terbutryn)	≥ 0.00025 - < 0.0025%
3-Iodo-2-propynylbutylcarbamate	< 0.0015%
2-Methyl-2H-isothiazol-3-one	< 0.0015%
2-Octyl-2H-isothiazol-3-one ≥ 0.00025 -	< 0.0015%
4,5-dichloro-2-octyl-2H-isothiazol-3-one	≥ 0.00025 - < 0.0015%

Waterhazard class:

Generally not hazardous for water

Other regulations, limitations and prohibitive regulations:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/ EC and 2000/21/EC
- Commission Regulation (EU) No 878/2020 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK REACH)
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste
- Regulation (EC) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

15.2 Chemical Safety Assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Relevant phrases:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

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H311 Toxic 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.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

Advice for instructions: Additional trainings, which go beyond the prescribed training in activities involving hazardous substances are not required.

16.1. Abbreviations and Acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulatice properties

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning

the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Further information:

The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.

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