

Safety data sheet

according to 1907/2006/EC, Article 31

Page 1/7

Printing date 11.10.2023

Version number 2 (replaces version 1)

Revision: 11.10.2023

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

· 1.1 Product identifier

· Trade name: **AQUAFIN-Primer**

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

· **Sector of Use** SU19 Building and construction work

· **Application of the substance / the mixture** Construction chemicals

· **Uses advised against** Applications not mentioned above are not recommended.

· 1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

SCHOMBURG GmbH & Co. KG

Aquafinstr. 2-8

D-32760 Detmold

Germany

· **New Zealand Supplier:**

Equus Industries Ltd

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· **Informing department:**

Department: Environment and Safety

· **New Zealand National Poison Centre:**

Tel:

If you have any questions about the Environment and Safety Department, please contact our department.

e-Mail: SDB@schomburg.de

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Additional information:**

EUH208 Contains 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

· 2.3 Other hazards

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below and non-hazardous additions.

(Contd. on page 2)

Trade name: **AQUAFIN-Primer**

(Contd. of page 1)

· Dangerous components:

CAS: 2682-20-4	2-methyl-2H-isothiazol-3-one	<0.0015%
EINECS: 220-239-6	⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2,	
Index number: 613-326-00-9	H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318;	
	⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410	
	(M=1); ⚠ Skin Sens. 1A, H317, EUH071	
	Specific concentration limit: Skin Sens. 1A; H317: C ≥	
	0.0015 %	

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures**· 4.1 Description of first aid measures****· General information**

Personal protection for the First Aider.

It is possible to choke in case of vomiting in unconsciousness.

Bring unconscious persons into a stable position on side.

Keep the respiratory tract free (remove dentures and vomiting).

Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration.

Take up a doctor immediately!

· **After inhalation** Supply fresh air or oxygen; call for doctor.

· **After skin contact** Wash with water and soap.

· **After eye contact** Rinse opened eye for several minutes under running water.

· After swallowing

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

Show the packaging or the label to the doctor.

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**· 5.1 Extinguishing media**

· **Suitable extinguishing agents** Product is not inflammable.

· 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

· 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained breathing apparatus.

· Additional information

Follow the emergency-plan.

Burst- and explosion-danger by increasing pressure.

In case of fire chill the container with water spray.

SECTION 6: Accidental release measures**· 6.1 Personal precautions, protective equipment and emergency procedures**

Bring persons out of danger.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or water bodies.

Inform respective authorities in case product reaches water or sewage system.

The product may not leak out in sewerage system, stretch of water or soil.

· 6.3 Methods and material for containment and cleaning up:

Dispose of the material collected according to regulations.

(Contd. on page 3)

Trade name: AQUAFIN-Primer

(Contd. of page 2)

- **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 information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Keep away from children.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:**
Please follow the rules of the VCI-Storage-Concept for chemicals.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with critical 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:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls**
It must be possible to wash the skin in the working area.
Eye-wash bottle must be available.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Be sure to clean skin thoroughly after work and before breaks.
- **Breathing equipment:** Not required.
- **Hand protection**
Do not reuse one-way-gloves
Hand Protection: Nitril-rubber-latex-gloves.
In case of wearing synthetic protective gloves use cotton-gloves as underwear.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
Gloves made of: Nitrile rubber, butyl rubber.
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).
When wearing protective gloves, cotton undergloves are recommended.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

Safety data sheet

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Trade name: **AQUAFIN-Primer**

(Contd. of page 3)

- **Eye/face protection** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state	Fluid
· Colour:	According to product specification
· Smell:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	0 °C
· Boiling point or initial boiling point and boiling range	100 °C (7732-18-5 water)
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	>100 °C
· Decomposition temperature:	Not determined.
· pH at 20 °C	10.7
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic:	Not determined.
· Solubility	
· Water:	miscible
· Partition coefficient n-octanol/water (log value)	Not determined.
· Steam pressure at 20 °C:	23 hPa (7732-18-5 water)
· Density and/or relative density	
· Density at 20 °C	1 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Solvent content:	
· Organic solvents:	0.0 %
· Water:	95.8 %
· Solids content:	0.0 %
· Molecular weight	18.02 g/mol
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void

(Contd. on page 5)

Trade name: **AQUAFIN-Primer**

(Contd. of page 4)

· 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 further relevant information available.
- **10.2 Chemical stability**
- **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

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values that are relevant for classification:**
-
- 1312-76-1 potassium silicate**
- Oral LD50 >5,000 mg/kg (rats) (OECD 425)
 Dermal LD50 >5,000 mg/kg (rats) (vgl. OECD 402)
 Inhalative LC50/4 h >5 mg/l (rats) (vgl. OECD 403)
- 2682-20-4 2-methyl-2H-isothiazol-3-one**
- Oral LD50 120 mg/kg (rats) (EPA OPPTS 870.1100)
 Dermal LD50 242 mg/kg (rats) (OECD 402)
- **Primary irritant effect:** No irritant action known.
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation**
Irritate-effect is possible.
Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** 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.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.
 - **11.2 Information on other hazards**
 - **Endocrine disrupting properties**
-
- None of the ingredients is listed.

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(Contd. on page 6)

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Trade name: **AQUAFIN-Primer**

(Contd. of page 5)

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****2682-20-4 2-methyl-2H-isothiazol-3-one**

LC50 (48h) 0.934 mg/l (Daphnia magna) (OECD 202)

LC50/96h 4.77 mg/l (rainbow trout) (OECD 203)

EC/LC50 (72h) 0.103 mg/l (algae toxicity) (OECD 201)

NOEC 0.04 mg/l (Daphnia magna) ((21 d))

2.1 mg/l (Pimephales promelas) ((33 d))

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations· **13.1 Waste treatment methods**· **Recommendation**

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

· **Uncleaned packagings:**· **Recommendation:** Disposal must be made according to official regulations.· **Recommended cleaning agent:** Water, if necessary with cleaning agent.**SECTION 14: Transport information**· **14.1 UN number or ID number**· **ADR, IMDG, IATA** Void· **14.2 UN proper shipping name**· **ADR, IMDG, IATA** Void· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class** Void· **14.4 Packing group**· **ADR, IMDG, IATA** Void· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

(Contd. on page 7)

Trade name: **AQUAFIN-Primer**

(Contd. of page 6)

· UN "Model Regulation": Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- 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.

· **Contact:** Environment protection department.· **Abbreviations and acronyms:**

- 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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Eye Dam. 1: Serious eye damage/eye irritation – 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