

EC Safety Data Sheet

according to regulation (EC) no. 1907/2006

Haresil

Revised on: 01/01/2014 / Dr. Fritz Keller

Page 1 of 4

SECTION 1: Description of the substance/mixture and of the company

1.1. Product identifier

Haresil

1.2. Relevant identified uses of the substance or mixture and uses that are not advised

Use of the substance/mixture

Surface treatment (wood)

1.3. Details of the supplier providing the safety data sheet

Company name: HÖP HOLZ-ÖKO-PROJEKT GBR
Street: Schnaiter Strasse 11-13
City: D-73630 Remshalden
Phone: +49 (7181) 476764 Fax: +49 (7181) 476765
E-mail: info@haresil.com
Contact person: Mr. Herbert Armbruster
E-mail: info@haresil.com
Internet: www.haresil.com

1.4. Emergency phone number: +49 (7181) 476764

Further Information

This safety data sheet was created by: ECI EnviroConsult Ingenieurbüro Dr. Lux e.K.

SECTION 2: Potential hazards

2.1. Classification of the substance or mixture

This mixture is not classified as dangerous in the sense of Directive 1999/45/EC.

GHS classification

This mixture is not classified as dangerous in the sense of Regulation (EC) No. 1272/2008.

2.2. Identification elements

SECTION 3: Composition/Information on components

3.2. Mixtures

Chemical characterization

aqueous alkaline solution of alkali silicates

Hazardous components

| EC no. | Description | Percentage |
|------------|---|------------|
| CAS no. | Classification | |
| Index no. | GHS classification | |
| REACH no. | | |
| 215-199-1 | Alkali silicates | 1 - 5 % |
| 1312-76-1 | Xi - Irritant R36/37/38 Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335 | |
| 235-730-0 | Alkali silicates | 1 - 5 % |
| 12627-14-4 | Xi - Irritant R36/37/38 Eye Irrit. 2, STOT SE 3, Skin Irrit. 2; H319 H335 H315 | |

Full wording of R and H statements: please refer to section 16.

EC Safety Data Sheet

according to regulation (EC) no. 1907/2006

H Aresil

Revised on: 01/01/2014 / Dr. Fritz Keller

Page 2 of 4

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with generous amounts of water. Change contaminated clothing.

After contact with eyes

Immediately rinse carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink large quantities of water right afterwards.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Coordinate extinguishing measures that are appropriate for the surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself is not combustible.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not let it enter drains or bodies of water.

SECTION 6: Measures to be taken in case of accidental release

6.2. Environmental precautions

Do not let it enter drains or bodies of water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the collected material in accordance with the section on Waste Disposal.

SECTION 7: Handling and storage

7.1. Safeguard measures for safe handling

Advice on safe handling

In principal, all working processes must be organized in a way that keeps the following at an absolute minimum: skin contact.

7.2. Conditions for safe storage, taking into account any incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed.

Storage classification in accordance with TRGS 510: 10-13

SECTION 8: Exposure limitation and control /personal protective equipment

8.1. Control parameters

8.2. Exposure limitation and control

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and at the end of work. Do not eat or drink while working.

EC Safety Data Sheet

according to regulation (EC) no. 1907/2006

Haresil

Revised on: 01/01/2014/ Dr. Fritz Keller

Page 3 of 4

Respiratory protection

With correct and proper use, and under normal conditions, respiratory protection is not required.

Hand protection

Hand protection: not required.

Eye protection

Eye protection: not required.

Body protection

Body protection: not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------|
| Physical state: | liquid |
| Color: | whitish |
| Odor: | odorless |

Test standard

| | |
|-----------|---|
| pH-Value: | 8 |
|-----------|---|

Changes in physical condition

| | |
|------------------|------------------------|
| Boiling point: | 100 °C |
| Density: | 1.04 g/cm ³ |
| Solvent content: | 0 g/l |

SECTION 10: Stability and reactivity

10.2. Chemical stability

If handled according to the directions stated in chapters 6, 7, and 8, the product is stable.

10.3. Possibility of hazardous reactions

When handled according to the directions stated in chapters 6, 7, and 8, the product does not have any dangerous reactive properties.

10.4. Conditions to avoid

When electrically welding containers with aqueous solutions of the product, small amounts of hydrogen gas may be generated in an electrolytic process.

10.5. Incompatible materials

Base metal. Concentrated acid.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

Based on our experiences and on the information available to us, the product does not have any harmful effects when used and handled according to its specifications and purpose.

Acute toxicity

There is no data available on the preparation/mixture itself.

Irritation and corrosivity

There is no data available on the preparation/mixture itself.

Additional information on tests

The classification was made in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

EC Safety Data Sheet

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H Aresil

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Page 4 of 4

SECTION 12: Ecological information

12.1. Toxicity

There is no data available on the preparation/mixture itself. Information regarding hazards to water safety is based on the mixture rule of VwVwS.

Further information

The classification was made in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation

Do not let it enter drains or bodies of water. Waste disposal in accordance with official regulations.

Disposal of untreated packaging and recommended cleaning agents

Water (with cleaning agent). Completely emptied packaging can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. Proper UN shipping name:

Not classified as hazardous material in the sense of these transport regulations.

Inland waterways transport (ADN)

14.2. Proper UN shipping name:

Not classified as hazardous material in the sense of these transport regulations.

Ocean vessel transport (IMDG)

14.2. Proper UN shipping name:

Not classified as hazardous material in the sense of these transport regulations.

Air transport (ICAO)

14.2. Proper UN shipping name:

Not classified as hazardous material in the sense of these transport regulations.

SECTION 15: Statutory regulations

15.1. Safety, health and environmental regulations/ specific statutory regulations regarding the substance or mixture

EU regulations

Information regarding VOC regulation: 0 g/l

State regulations

Water hazard classification: 1 – Minimal risk of water pollution

Status: Mixture rule in accordance with VwVwS, annex 4, no. 3

SECTION 16: Other information

Full wording of R statements referred to in sections 2 and 3

36/37/38 Irritating to eyes, respiratory system and skin.

Full wording of H statements referred to in sections 2 and 3

H315 Causes skin irritation.

H319 Causes severe eye irritation.

H335 May cause respiratory system irritation.

(The data on hazardous contents was taken respectively from the latest version of the safety data sheet provided by the previous supplier.)