



BE SURE. BUILD SURE.

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 16.02.2024

Version number 9 (replaces version 8)

Revision: 16.02.2024

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

· **1.1 Product identifier**

· **Trade name** ombran FT - Härter

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

No further relevant information available.

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

Coating

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

MC-Bauchemie Müller GmbH & Co. KG  
Am Kruppwald 1-8  
D-46238 Bottrop  
Tel.: +49(0)2041-101-0  
Fax.: +49(0)2041-101-400  
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG  
Hagackerstr. 10  
CH-8953 Dietikon  
Tel.: +44-7400510  
Fax : +44-7400533

· **Informing department:**

msds@mc-bauchemie.de

· **1.4 Emergency telephone  
number:**

Tel.: +49 / (0)700 24112112 (MCR)

Tel.: +1 872 5888271 (MCR)

### SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

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

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**

· **Labelling according to**

**Regulation (EC) No 1272/2008** The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS05

· **Signal word**

Danger

· **Hazard-determining  
components of labelling:**

Silicic acid, sodium salt

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

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GB



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- **Precautionary statements**
  - P280 *Wear protective gloves / eye protection / face protection.*
  - P305+P351+P338 *IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
  - P310 *Immediately call a POISON CENTER/doctor.*
  - P321 *Specific treatment (see on this label).*
  - P362+P364 *Take off contaminated clothing and wash it before reuse.*
  - P332+P313 *If skin irritation occurs: Get medical advice/attention.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Designation:** *kaliglas*
- **Identification number(s):** *void*
- **3.2 Mixtures**
- **Description:** *Mixture consisting of the following components.*

· **Dangerous components:**

CAS: 1344-09-8	Silicic acid, sodium salt	Eye Dam. 1, H318; Skin Irrit. 2, H315	30-60%
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### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** *No special measures required.*
- **After inhalation** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact** *The product is not skin irritating.*
- **After eye contact** *Rinse opened eye for several minutes under running water.*
- **After swallowing** *In case of persistent symptoms consult doctor.*

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** *CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*

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- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

#### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections** No dangerous materials are released.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **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:** Not required.
- **Further information about storage conditions:** None.
- **Storage class** 12  
10

#### 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.

· **DNELs**

**CAS: 1344-09-8 Silicic acid, sodium salt**

Oral DNEL 0.8 mg/kg bw/Tag (ArL)

Dermal DNEL 1.59 mg/kg bw/day (ArL)

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Inhalative	DNEL	5.61 mg/m <sup>3</sup> (ArL)
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**· PNECs**

**CAS: 1344-09-8 Silicic acid, sodium salt**

PNEC	348 mg/l (Kla)
	1 mg/l (Mew)
	7.5 mg/l (Freshwater)

- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **8.2 Exposure controls**
- **Appropriate engineering controls** *No further data; see section 7.*
- **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.*
- **Breathing equipment:** *Not required.*
- **Hand protection** *Not required.*
- **Material of gloves** *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.*
- **Penetration time of glove material** *-*
- **Eye/face protection** *Tightly sealed safety glasses.*

## SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties**

**· General Information**

- **Colour:** *Colourless*
- **Smell:** *Odourless*
- **Melting point/freezing point:** *Not determined*
- **Boiling point or initial boiling point and boiling range** *Not determined*
- **Flash point:** *Not applicable*
- **pH at 20 °C** *11*
- **Viscosity:**
- **Kinematic viscosity at 20 °C** *14 s (DIN 53211/4)*
- **dynamic:** *Not determined.*
- **Solubility**
- **Water:** *Fully miscible*
- **Steam pressure:** *Not determined.*
- **Density and/or relative density**
- **Density at 20 °C** *1.29 g/cm<sup>3</sup>*

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· **9.2 Other information**

· **Appearance:**

· **Form:** Fluid

· **Important information on protection of health and environment, and on safety.**

· **Explosive properties:** Product is not explosive.

· **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 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.

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· **LD/LC50 values that are relevant for classification:**

**CAS: 1344-09-8 Silicic acid, sodium salt**

Oral	LD50	3400 mg/kg (rat)
Dermal	LD50	4640 mg/kg (rabbit)
		>5000 mg/kg (rat)

- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye damage.
- **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.

**SECTION 12: Ecological information**

· **12.1 Toxicity**

· **Aquatic toxicity:**

**CAS: 1344-09-8 Silicic acid, sodium salt**

EC50/72h	>345.4 mg/l (Desmodesmus subspicatus)
LC50/96h	1108 mg/l (Danio rerio)
	260 mg/l (Oncorhynchus mykiss)
	>100 mg/l (fish)
EC50	>100 mg/l (Bak)
	>100 mg/l (algae)
	>100 mg/l (Daphnien)
	>100 mg/l (Daphnia magna)
EC50/48h	1700 mg/l (Daphnia magna)

- **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.

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- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** *Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.*

#### 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

- |   |  |
|---|--|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                       | Void   |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void   |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void   |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void   |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | No   |
| · <b>14.6 Special precautions for user</b>  | Not applicable.                                      |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>                       | Not applicable.                                      |
| · <b>Transport/Additional information:</b>  | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>   | Void   |

#### SECTION 15: Regulatory information

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

*No further relevant information available.*

· **Poisons Act**

· **Regulated explosives precursors**

*None of the ingredients is listed.*

· **Regulated poisons**

*None of the ingredients is listed.*

· **Reportable explosives precursors**

*None of the ingredients is listed.*

· **Reportable poisons**

*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**

*H315 Causes skin irritation.  
H318 Causes serious eye damage.*

· **Department issuing data specification sheet:**

*Environment protection department.*

· **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  
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)  
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  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

· **\* Data compared to the previous version altered.**