

**Material Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 11.07.2008

**1 Identification of substance**

- **Product details**
- **Trade name** Salt Inhibitor  
Aida Salt Inhibitor
- **Article number:** 0674
- **Application of the substance / the preparation** Surface active agent
- **Manufacturer/Supplier:**  
Remmers Baustofftechnik GmbH  
Postfach 1255  
D-49624 Lönigen / Germany  
Tel.: 05432/83-0  
Fax: 05432/3985
- **Informing department:**  
Product Safety department: Tel.: +49 (0)5432/83-138/-538  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
during working hours:  
U.K.: Tel.: +44 (0) 845 373 0103  
Far East: Tel.: +65( 0) 67410277  
Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

**2 Hazards identification**

- **Hazard designation:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment**  
R 36/38 Irritating to eyes and skin.
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

**3 Composition/information on ingredients**

- **Chemical characterization**
- **Description:** Aqueous, alkaline preparation of potassium hydroxide based silicic acid compounds

· **Dangerous components:**

	Kaliumsilikat	Xi; R 36/37/38	5-10%
31795-24-1	potassium methyl siliconate	C; R 35	1-2.5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

- **General information** Immediately remove any clothing soiled by the product.
- **After inhalation** No special requirements.

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- **After skin contact**  
Wash immediately with water and soap and rinse thoroughly.  
Alkalinity removes fat from skin; use skin cream.  
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.
- **Information for doctor**
- **Treatment** symptomatic treatment

## 5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Protective equipment:** Put on breathing apparatus.

## 6 Accidental release measures

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**  
Do not allow product to reach sewage system or water bodies.  
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.  
Rinse off spills or splashes material immediately with plenty of warm water.

## 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Open and handle container with care.  
Avoid contact with skin and eyes.  
Work with alkali resistant tools/equipment.
- **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in alkali resistant containers.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**  
Keep container tightly closed.  
Protect from frost.  
Do not store below -5 °C.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with limit values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during compilation were used as a basis.

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- **Personal protective equipment**
- **General protective and hygienic measures**  
Keep away from food, beverages and animal feed.  
Immediately remove soiled, saturated clothing.  
Do not eat, drink or smoke while working.  
Use skin protection cream for preventive skin protection.  
Wash hands before pauses and after work.  
Avoid contact with eyes and skin.  
Do not inhale gases / vapours / aerosols.
- **Respiratory equipment:**  
Use respiratory protection only when aerosol or mist is formed.  
Short term filter device:  
Filter P2.
- **Protection of hands:** Alkaline resistant gloves
- **Material of gloves**  
Nitrile rubber, NBR  
Chloroprene rubber, CR
- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.  
Break through time: max. 240 min (DIN EN 374).
- **Eye protection:** Tightly sealed safety glasses.
- **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Red
<b>Odour:</b>	Odourless

### · Change in condition

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not self-igniting.

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.08 g/cm<sup>3</sup>

### · Solubility in / Miscibility with

**Water:** Fully miscible

· **pH-value at 20°C:** ca. 11.5

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.  
No decomposition if handled and stored according to specifications.
- **Materials to be avoided:**  
Acids  
Ammonium salts

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- **Dangerous reactions**  
Exothermic reaction with acids  
Because of alkalinity, reactions with metals (e.g. zinc and aluminium) producing heat and hydrogen are possible.
- **Dangerous decomposition products:** No dangerous decomposition products known

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritates skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** No sensitising effect known.
- **Additional toxicological information:**  
The product shows the following dangers based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

## 12 Ecological information:

- **Ecotoxicological effects:**
- **Remark:**  
When leading acidic or alkaline products into sewage facilities, make sure that the discharged water does not exceed or fall below a pH range of 6 - 10 since shifts in pH value can cause disturbances in sewers and biological purification facilities. The local guidelines for discharge apply.
- **General notes:**  
Water hazard class 1 : slightly hazardous to water.  
Do not allow product to reach ground water, bodies of water or sewage system.

## 13 Notes on disposal:

- **Product:**
- **Recommendation**  
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

### · **European waste catalogue**

20 00 00	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00	separately collected fractions (except 15 01)
20 01 15	alkalines L 47/30 16.2.2001 Official Journal of the European Communities EN

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport information

- **Land transport ADR/RID and GGVs/GGVE (cross-border/domestic)**
- **ADR/RID-GGVs/E Class:** -

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- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

## 15 Regulatory information

- **Designation according to EC guidelines:**

The product has been classified and labelled in accordance with EC Guidelines / Ordinance on Hazardous Materials (GefStoffV)

- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**

36/38 Irritating to eyes and skin.

- **Safety phrases:**

2 Keep out of the reach of children.

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39 Wear eye/face protection.

- **National regulations**

- **Water hazard class:**

Water hazard class 1: slightly hazardous to water.

according to appendix 4 VwVwS

- **Other regulations, limitations and prohibition ordinances**

- **Professional Association (BG) Code of Practice:** M 004 "Irritating substances/corrosive substances"

## 16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**

35 Causes severe burns.

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

- **Department issuing data specification sheet:** Product Safety department