

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

Printing date 05.12.2007

Revision: 05.12.2007

1 Identification of substance

- **Product details**
- **Trade name** H-F Antidote Gel
- **Article number:** 9076
- **Application of the substance / the preparation** For treatment of hydrofluoric acid burns
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen / Germany
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- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
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after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **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**
- **Dangerous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing**
Do not induce vomiting; call for medical help immediately.
Rinse out mouth and then drink plenty of water.

5 Fire fighting measures

- **Suitable extinguishing agents**
all suitable

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The product is not flammable

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6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Dilute with plenty of water.
- **Measures for cleaning/collecting:**
Dilute with plenty of water.
Collect mechanically.
- **Additional information:** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** none
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
Store between 15 and 30°C.
Store cool and dry in tightly closed containers.

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.
- **Personal protective equipment**
- **General protective and hygienic measures**
Observe the usual precautionary measures when handling chemicals.
- **Respiratory equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Tightly sealed safety glasses.

9 Physical and chemical properties:

· General Information

Form:	Pasty
Colour:	clear
Odour:	Odourless

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

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

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

· **Density at 20°C** 1 g/cm³

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- **Solubility in / Miscibility with Water:** Fully miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if handled and stored according to specifications.
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No irritating effect.
 - **on the eye:** May cause irritation.
- **Sensitisation:** No sensitising effect known.

12 Ecological information:

- **General notes:** Generally not hazardous to water.

13 Notes on disposal:

- **Product:**
- **Recommendation** Must be specially treated in compliance with official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Only completely empty containers may be recycled.
- **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:** -
- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Designation according to EC guidelines:**
Observe normal safety precautions for handling chemicals
The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

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- **National regulations**
- **Water hazard class:** Generally not hazardous to water.

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.

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

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