

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.08.2007

Revision: 14.12.2006

1 Identification of substance

- **Product details**
- **Trade name** Stripping Cleaner
- **Article number:** 8675
- **Application of the substance / the preparation** Basic cleaner
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
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D-49624 Lönningen / Germany
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Fax: 05432/3985
- **Informing department:**
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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** not applicable
- **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:** mixture of surface-active agent and solvents

· **Dangerous components:**

CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol	Xi; R 36	5-<10%
CAS: 111-76-2 EINECS: 203-905-0	2-butoxyethanol	Xn, Xi; R 20/21/22-36/38	2.5-<5%
CAS: 1336-21-6 EINECS: 215-647-6	ammonia, aqueous solution	C, N; R 34-50	≤0.5%

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

4 First aid measures

- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact**
Alkalinity removes fat from skin; use skin cream.
Wash immediately with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

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- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
Seek medical treatment.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.
- **Information for doctor**
- **The following symptoms may occur:**
In case of prolonged/repeated exposure or in high concentrations:
Headache
Dazed
- **Treatment** symptomatic treatment

5 Fire fighting measures

- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Put on breathing apparatus.
Body protection

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **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.
Ensure adequate ventilation.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Use only in well ventilated areas.
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:** none
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
Store cool and dry in tightly closed containers.
Protect from frost.
Protect from heat and direct sunlight.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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· **Components with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol

WEL	Short-term value: 50 ppm Long-term value: 25 ppm
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· **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.

Immediately remove soiled, saturated clothing.

Keep away from food, beverages and animal feed.

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:** Not necessary if room is well-ventilated.

· **Protection of hands:** Impervious gloves

· **Material of gloves:** Nitrile rubber, NBR

· **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.

· **Eye protection:**

Safety glasses

if there is a risk of splashes

· **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· **General Information**

Form:	Fluid
Colour:	Clear
Odour:	parfümiert

· **Change in condition**

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100°C

· **Flash point:** Not applicable

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

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

· **Vapour pressure at 20°C:** 23 mbar

· **Density at 20°C** ca. 1.0 g/cm³

· **Solubility in / Miscibility with**

Water: Fully miscible

· **pH-value at 20°C:** 9.5 (Konzentrat)

· **Solvent content:**

Organic solvents: ca. 9 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

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No decomposition if handled and stored according to specifications.

- **Dangerous reactions**

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:** No irritating effect.

- **on the eye:** No irritating effect.

- **Sensitisation:** No sensitising effect known.

- **Additional toxicological information:**

The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information:

- **Ecotoxicological effects:**

- **Other information:**

When discharging acidic or alkaline products in sewage systems, make sure that the effluent does not fall below or exceed a pH range of 6 - 10 since shifts in pH value can cause disturbances in sewers and biological sewer treatment plants. Subject to local discharge guidelines.

- **General notes:**

Water hazard class 1 : slightly hazardous to water.

Do not allow to reach ground water or bodies of water. May not be led undiluted into sewer systems.

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. Smallest amounts can be diluted with plenty of water and discharged into the sewer system. Local regulations must be observed.

- **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:** /

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** /

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- 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 is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).
Observe normal safety precautions for handling chemicals
- **National regulations**

- **Technical instructions (air):**

Class	Proportion in %
II	at 10

- **Water hazard class:**
Water hazard class 1: slightly hazardous to water.
according to appendix 4 VwVwS
- **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.
- **Professional Association (BG) Code of Practice:** M 017 "Solvents"

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**
20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
34 Causes burns.
36 Irritating to eyes.
36/38 Irritating to eyes and skin.
50 Very toxic to aquatic organisms.
- **Department issuing data specification sheet:** Product Safety department