

Material Safety Data Sheet

according to 91/155/EEC

ProMinent®

BelloZon-Acid-06-AUS

Revision: 02-09-2005

1. Product and Company Identification

Product Identification: BelloZon-Acid Part No.: 950130,
950131
950132

Company Identification: ProMinent Dosiertechnik GmbH
69123 Heidelberg, Im Schuhmachergewann 5-11
REG- No.: HRB 1350 / Heidelberg -Germany-
Tel: +49 (0)6221 842-0

Local Supplier: ProMinent Fluid Controls Pty Ltd
4/4 Narabang Way, Belrose NSW 2085
Tel: +61 (0) 2 9450 0995

2. Composition / information on ingredients

Hydrochloric Acid (HCl) 9 % (approx. 95 g/L)
CAS number : 7647-01-0
EC number : 017-002-02-7
UN number : 1789
EINECS number : 2315957

3. Hazards identification of the product

R 36/38 : irritant to eyes and skin

4. First aid measures

Poisons Information Centre :

Australia 131 126; New Zealand 0800 764 766 or a doctor.

- after inhalation: See a physician in case of inhalation of aerosols
- after skin contact: rinse with plenty of water. Remove contaminated clothes and rinse thoroughly.
- after eye contact: rinse immediately with plenty of water (at least 10 minutes). See an oculist.
- After ingestion: drink plenty of water. See a physician.

5. Fire-fighting measures

- Suitable extinguishing media: not applicable
- Unsuitable extinguishing media for safety reasons: not applicable
- Special risks caused by the product itself, its combustible products or gases: Not combustible
- Special exposure hazards: no special measures required

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6. Accidental release measures

- Personal Precautions: avoid substance contact with skin and eyes.
- Environmental precautions: do not allow to enter sewerage system.
- Methods of cleaning up / of removing: dilute with plenty of water and wash away, neutralize with lime, Soda, etc.

7. Handling and storage

Handling: Store in a well-vented place.

Storage: keep original tank tightly closed until use of chemical. Avoid heat and frost.

8. Exposure controls and personal protection

Additional information on the system design: no further requirements, see chapter 7.

Components with specific control parameters: -

Personal protection:

- Eye protection: protective eyeglasses
- Hand protection: protective gloves

9. Physical and chemical properties:

- physical state: liquid
- colour: colourless
- pH-value: approx. 0.5 (undiluted at 20 °C)
- freezing point: below -10 °C
- flash point: not applicable
- vapour pressure: (aqueous solution)
- relative density: approx. 1.05 kg/L (20 °C)
- solubility: miscible in water

10. Stability and reactivity

- Conditions to avoid: no decomposition if used as directed
- Materials to avoid: reaction with Bellozon-Chlorite: formation of chlorine dioxide
- reaction with lyes: heat formation
- Hazardous decomposition products: none

11. Toxicological Information

- Ingestion : LD 50 : > 2000 mg/kg (calculated)
- Skin contact: Irritation
- Eye contact: Irritation

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12. Ecological information

Data regarding persistence and degradability:

Degradability: not pertinent, inorganic product

aquatic toxicity: acute fish toxicity: LC50 > 2000 mg/L product

Product and Spill residues have to be neutralized to a pH in accordance to local sewerage regulations.

13. Disposal considerations

If recycling is not possible, disposal to be done according to local waste disposal regulations. Classification (EAK): 06 01 02 – Hydrochloric Acid

14. Transport information

- Proper Shipping Name : HYDROCHLORIC ACID
- GGVS/ADR/GGVE/RID : 8 II
- IMDG-Code : 8/ II UN 1789
- ICAO/IATA : 8 UN 1789 PAX 809 CAO 813
- EmS : 8-06; MFAG 700

15. Regulatory information

Self-classification and labelling according to 4th novel GefStoffVO/EC: Hazard symbols: Xi irritant

R-phrases: R 36/38: irritating to eyes and skin

S-phrases:

S 2: keep out the reach of children

S 28.1: after contact with skin wash immediately with plenty of water.

National Prescriptions: water pollution class (WGK): 1

toxicity class: 3 (Switzerland)

16. Other Information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Since ProMinent cannot anticipate or control the conditions under which this product may be used, each user must, before using this product, assess and control the risks arising from their use of this product.

ProMinent Fluid Controls Pty Ltd's responsibility for the product as sold is subject to the terms and conditions of the standards conditions of sale, a copy of which is available upon request.