

identification of substance

Product name : Acetic Acid (10% solution).

Trade name : Acetic Acid.

Supplier : Brunel Microscopes Ltd, Unit 2 Vincients Road, Bumpers Farm Industrial Estate,
Bumpers Way. Chippenham. SN14 6NQ.

Tel : (+44) (0) 1249 462655

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hazard identification



Corrosive

Brunel sells acetic acid only in 10% solution. The hazards described in this sheet refer to concentrated acetic acid.

Information on particular dangers for man and environment:

Inhalation of acetic acid vapours will cause irritation to respiratory system.

first aid measures

General Information : If any symptoms occur seek medical advice.

After Inhalation : Remove to fresh air. Rinse mouth and nasal passages with water.

After Eye contact : Flush with copious amounts of water for at least 15 minutes.

After Skin contact : Wash thoroughly with soap and water.

After Ingestion : Get prompt medical attention. Give 2-4 glasses of water then water with milk of magnesia.

fire fighting measures

Suitable extinguishing agents : Use water spray, dry chemical, carbon dioxide, or alcohol foam.

Protective equipment : Put on breathing apparatus.

accidental release measures

Person - related safety precautions : Ensure adequate ventilation.

Measures for environmental protection : Clean up spills immediately. Place into a suitable container for disposal.

handling and storage

Information for safe handling : Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Store and use in well ventilated areas.

Storage : Store in a cool, dry place. Avoid contamination by using closed containers.

physical and chemical properties

General information

Form : Liquid.

Colour : Colourless.

Odour : Pungent vinegar like odour.

Solubility in water : Soluble.

stability and reactivity

Conditions to avoid : Excessive temperatures and heat. Material is stable when stored and handled properly.

Dangerous reactions : Can react with metals to produce hydrogen gas. May react with bases and oxidising agents.

toxicological information

Primary irritation effect.

On eyes : Burns, risk of blindness.

On skin : Burns.

Ingestion : Burns in oesophagus.

Inhalation : Irritation in the respiratory tract.

ecological information

Do not allow to enter drinking water or waste water.

disposal considerations

Recommendation : Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

regulatory information

The chemicals in this product are considered to be corrosive.

disclaimer

This data is based on our present knowledge. However, they do not constitute a guarantee for any specific product, and does not establish a legally valid contractual relationship.