

## Technical Data Sheet

SULFURIC ACID

$H_2SO_4$

Molecular Weight: 98.08



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### PHYSICAL DESCRIPTION

Colorless, odourless, liquid.

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### SPECIFICATION

pH (1% soln/water)	Acidic.
Boiling Point	270°C (518°F) - 340 deg. C Decomposes at 340 deg. C
Melting Point	-35°C (-31°F) to 10.36 deg. C (93% to 100% purity)
Critical Temperature	Not available.
Specific Gravity	1.84 (Water = 1)
Vapor Pressure	Not available.
Vapor Density	3.4 (Air = 1)
Volatility	Not available

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### PACKING

210 Litre Barrel.

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### SAFE STORAGE AND HANDLING OF SULFURIC ACID

**Precautions:** Keep locked up.. Keep container dry. Do not ingest. Do not breathe gas/fumes/vapor/spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, combustible materials, organic materials, metals, acids, alkalis, moisture. May corrode metallic surfaces. Store in a metallic or coated fiberboard drum using a strong polyethylene inner package.

**Storage:** Hygroscopic. Reacts. violently with water. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

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## **HEALTH AND SAFETY**

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

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***For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.***

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## **DISCLAIMER**

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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