

## Technical Data Sheet

ISO-BUTANOL

$(\text{CH}_3)_2\text{CH-CH}_2\text{OH}$

Molecular Weight 74.12



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### PHYSICAL DESCRIPTION

Clear colorless liquid.

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### SPECIFICATION

pH (1% soln/water)	7 (for 85 g/l solution at la 200C)
Boiling Point	106-108° C
Melting Point	-108 °C
Density	0.801 g/cm <sup>3</sup> ; 20 °C
Vapor Pressure at 25 °C	10.4 mmHg
Flammability	Flammable
Oxidizing properties	No oxidizing properties
Flash point	28°C

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### PACKING

210 Lit Barrel

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### SAFE STORAGE AND HANDLING OF ISO-BUTANOL

**Handling:** Protect against physical damage. Sources of ignition such as smoking and open flames are prohibited where iso-butanol is used, handled or stored in a manner that could create a potential fire or explosion hazard. Metal containers should be bonded and grounded for transfers to avoid static sparks. When handling this product use non-sparking type tools and equipment, including proof ventilation. Do not use compressed air or oxygen for filling, discharging or handling. The personel which handling the product must wear protective equipment.

**Storage:** Store in a cool, dry well-ventilated location, away from any area where fire may be acute. Outside or detached storage is preferred. Separate from incompatibles. Storage and use area should be No Smoking areas. Drums must be equipped with self-closing valves, nitrogen blanket. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

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### HEALTH & 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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