

Technical Data Sheet

BUTANOL

$C_4H_{10}O$

Synonyms 1-Butanol, propyl carbinol

Molecular Weight 74.12



PHYSICAL DESCRIPTION

A clear colourless, volatile liquid.

SPECIFICATION

pH	7 (for 70 g/l solution at la 20°C)
Boiling point	117° C
Flash point	34°C (c.c.)
Flammability	Flammable
Explosive properties	Explosive under open flame Explosive limits in air: 1,4-11,25 % vol
Oxidizing properties	No oxidizing properties
Vapor pressure at 20 °C	0.6 kPa
Specific gravity (water=1) at 20° C	0,8098
Evaporation rate	0.01
Melting point	340° C

PACKING

210 Lit Barrel

SAFE STORAGE AND HANDLING OF BUTANOL

- Avoid contact with eyes.
- Avoid breathing dust.
- Keep container closed.
- Use only with adequate ventilation.
- Wash thoroughly after handling.
- Keep away from heat, sparks and flame.
- Avoid creating a dust cloud in handling, transfer and clean up.

Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed. The reuse of this material's container for nonindustrial purposes is prohibited and any reuse must be in consideration of the data provided in the MSDS.

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.

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

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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