

Laszlo Corporation

N-BUTANOL

GENERAL DESCRIPTION:

n-Butanol is a clear, odorless liquid with characteristic odor. N-Butanol is inconsistent with strong oxidizers (permanganates, perhydrol). It reacts with strong mineral acids. The product is miscible with all common solvents, but is sparingly soluble in water.

TECHINCAL QUALITY CONDITIONS:

Characteristics	M.U.	Values
N-Butanol, min.	%	99.0
Distillation range (95% vol.)	°C	116.0 -118.5
Acidity (CH ₃ COOH), max.	%	0.005
Water (Karl-Fischer), max.	%	0.2
Color, max.	Hazen units	10

SPECIFIC PROPERTIES:

The specific properties present approximate values and contain general Information, without being part of the technical quality conditions.

Density, g/cm ³	0.810
Boiling temperature, °C	117.5
Ignition temperature, °C	34
Flammability	Flammable

MAIN APPLICATIONS:

- ▶ Plastic materials and rubber industries;
- ▶ Solvent in the industry of nitro-cellulose and alkyd resins based varnishes;
- ▶ Solvent in synthetic leather manufacturing;
- ▶ Extraction agent for oils, drugs, perfumes;
- ▶ Raw material in production of hormones, vitamins;
- ▶ In plasticizers industry (dibutyl phthalate);
- ▶ Solvent for Urea and phenol resin based varnishes, oven dried.

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SHIPPING INFORMATION:

Store in cold, well ventilated areas, away from oxidizers and flammable sources. Flooring should be waterproof and fireproof, provided with water retaining and separating pails to avoid liquid spread in case of accidental leakage. In case of reservoir storage, a nitrogen blanket and vents with flame traps are recommended.