

## GENERAL DESCRIPTION

n-Butanol is a clear, colorless liquid, with a characteristic odor.

n-Butanol is incompatible with strong oxidizers (permanganates, perhydrol).

It reacts with strong mineral acids.

## TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	n-Butanol, min.	%	99.0
2	Distillation range (95% vol.)	°C	116.0 - 118.5
3	Acidity (CH <sub>3</sub> COOH), max.	%	0.005
4	Water (Karl-Fischer), max.	%	0.1
5	Hazen color, max.	Hazen units	10

## APPLICATIONS

- plastic materials and rubber industries;
- solvent in the industry of nitro-cellulose and alkyd resins based varnishes;
- solvent in synthetic leather manufacturing;
- solvent used in oils, drugs, perfumes extraction;
- raw material in production of hormones, vitamins;
- in plasticizers industry (di-butyl phthalate);
- solvent for urea and phenol resin based varnishes, oven dried.

## GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 20°C, g/cm <sup>3</sup>	0,810
Flash point, °C	35
Flammability	flammable

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

## PACKING

n-Butanol is packed in 20 or 40 tone steel tank cars, propriety of supplier or client.

## STORAGE

Product is stored in covered, cold areas, away from fire or other sources of ignition.

## TRANSPORT

n-Butanol can be shipped according to transport regulations for dangerous goods, hazard class 3, Flammable Liquids.

**!** Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.