

**PETROPLAST
JALILVAND.CO**



**петрупдосте жалилванд
КОМПАНИЯ**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Normal Butanol

<i>Product Name</i>	NB
<i>Application</i>	<p>A large part of the N-BUTANOL produced is converted into derivatives (primarily esters) for use as solvents in the coatings industry. N-BUTANOL is an eminently suitable solvent for acid-curable lacquers and baking finishes derived from urea, melamine, or phenolic resins. Some butyl esters of dicarboxylic acids, phthalic anhydride, and acrylic acid are established plasticizers for plastics, rubber mixes, and dispersions. The most important are dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), and butyl acrylate. Dibutyl sebacate (DBS) and dibutylazelate (DBZ) are of subordinate importance. The corresponding adipate is too volatile to be a plasticizer and is therefore of no practical significance in these applications. The applications in which normal butanol can be used are solvent for dyes, e.g. in printing inks; extractant in the production of drugs and natural substances such as antibiotics, hormones, vitamins, alkaloids and camphor; additive in polishes and cleaners, e.g. floor cleaners and stain removers; solubilizer in the textile industry, e.g. additive in spinning baths or carrier for coloring plastics; additive in deicing fluids; gasoline additive (antiicing); mobile phase in paper and thin layer chromatography; humectant for cellulose nitrate; feedstock for the production of glycol ethers (in reactions with ethylene or propylene oxide); starting material for various butyl monocarboxylates, e.g. butyl acetate and butyl butyrate, that are widely used as solvents; feedstock for the production of flotation aids, e.g. butyl xanthate.</p>

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Typical Properties	Test Method	Unit	Spec.
Purity	ASTM D5008	%wt	99.5 Min
Water Content	ASTM D1364	%wt	0.1 Max
Acidity as Acetic Acid	ASTM D1613	%wt	0.01 Max
Aldehydes as EHA	ASTM E411	%wt	0.05 Max
Color	ASTM D1209	APHA	10 Max
Sulphuric Acid Color	ASTM E852	APHA	25 Max
Unknown	ASTM D5008	%wt	-

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