

**PETROPLAST
JALILVAND.CO**



**петропдосте жалилванд
КОМПАНИЯ**

Exclusive Representative of selling shazand

Petrochemical Products in uzbekistan

TECHNICAL SPECIFICATION

Normal Butanol

<i>Product Name</i>	IB
<i>Application</i>	<p>A large part of the ISOBUTANOL produced is converted into derivatives (primarily esters) for use as solvents in the coatings industry. ISOBUTANOL is an eminently suitable solvent for acid-curable lacquers and baking finishes derived from urea, melamine, or phenolic resins. When added even in small proportions to alkyd resin paints, ISOBUTANOL reduces the viscosity, and thus improves the brushability and flow. Diisobutyl phthalate (DIBP) is an established plasticizer for plastics, dispersions and rubber mixes. Other isobutyl esters of dicarboxylic acids, e.g., adipic, azelaic and sebacic acids, display good properties in this application, but economic considerations preclude their use. The applications in which ISOBUTANOL can be used as solvent for printing inks; solubilizer in the textile industry; 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; dehydrating agent (entrainer in feedstock in azeotropic distillation); feedstock in the production of glycol ethers (in reactions with ethylene or propylene oxide); feedstock for the production of isobutyl acrylate, which is used in dispersions; feedstock in the production of flotation aids, e.g., isobutyl xanthate; starting material for the production of wear inhibitors and anticorrosion additives in engine oils e.g., zinc diisobutyl dithiophosphate; antiicing additive in gasoline; mobile phase in paper and thin-layer chromatography and humectant for cellulose nitrate.</p>

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Typical Properties	Test Method	Unit	Spec.
Purity	ASTM D5008	%wt	99.5 Min
Water Content	ASTM D1364	%wt	0.2 Max
Acidity as Acetic Acid	ASTM D1613	%wt	0.01 Max
Aldehydes as BAL	ASTM E411	%wt	0.10 Max
Color	ASTM D1209	APHA	10 Max
Unknown	ASTM D5008	%wt	-

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