

NORMAL BUTYL ALCOHOL

GOST 5208-81 with Amendments 1-3

Properties	Superior grade
Color index on platinum cobalt color scheme, Hazen unit, max	10
Density at 20°C, g/cm ³	0,809-0,811
Mass fraction of butyl alcohol, %, min	99,5
Mass fraction of acids (in terms of acetic acid), %, max	0,003
Bromine number, g of Bromine per 100 g of alcohol, max	0,05
Mass fraction of carbonyl compounds (in terms of oil aldehyde), %, max	0,06
Mass fraction of non-volatile residue, %, max	0,0025
Mass fraction of water, %, max	0,1

HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Technical butyl alcohol belongs to toxic products of hazard category 3, to fire hazardous and explosion dangerous products. MPC of vapors in the air of the working zone - 10 mg/m³. Irritating to skin, eyes and mucous membrane of respiratory tract. Complete safety requirements are written in the safety data sheet.

TRANSPORTATION

In railway tank cars, tank-containers, drums, in bulk

APPLICATION

As solvent in paint-and-varnish industry, for synthesis of different types of organic products, for reagents production.