

Butanol

1-Butanol

- Catalog Nr. Q124
- **Definition** Butanol or butyl alcohol (sometimes also called biobutanol when produced biologically), is a primary alcohol with a 4 carbon structure and the molecular formula of C4H9OH. It belongs to the higher alcohols and branched-chain alcohols.
- **CAS Number** 71-36-3
- Application Preparation of esters, especially butyl acetate, solvent for resins and coatings, plasticizers; dyeing assistant; hydraulic fluids; detergent formulations; dehydrating agent (by azeotropic distillation); intermediate; "butylated" melamine resins; glycol ethers; butyl acrylate.

It is primarily used as a solvent, as an intermediate in chemical synthesis, and as a fuel.

Technical DataAppearance: Odor: Solubility: Specific Gravity: % Volatiles by volume @ 21C (70F): Boiling Point: Melting Point: Vapor Density (Air=1): Vapor Pressure (mm Hg): Evaporation Rate (BuAc=1):	Clear, colorless solution. Strong characteristic, mildly alcoholic odor. 9 mL/100 mL water @ 25C 0.81 @ 20C/4C 100 118C (244F) -89C (-128F) 2.6 5 @ 20C (68F) 0.46
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FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. MAY AFFECT LIVER AND KIDNEYS.

Packaging374 lb drums& Handling

UN Number 1120 Class 3.0 Packaging

8.0 Packaging Group III

Remarks Transport Category 3

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