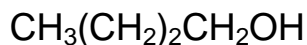




# n-Butanol

## n-Butyl Alcohol 1-Butanol



### Description

A colorless, neutral liquid of medium volatility with a characteristic banana-like odor.

### Physical properties

Molecular Weight	74.12
Relative Evaporation Rate nBuAc=1	0.44
Vapor Pressure at 20°C, mmHg	4.2
Density at 20°C lb/gal	6.75
Specific Gravity at 20/20°C	0.810
Viscosity at 20°C cP	3.0
Surface Tension	
(dynes/cm at 20°C)	-
(dynes/cm at 25°C)	24.2
Hansen Solubility Parameters	
Total	11.3
Non-Polar	7.8
Polar	2.8
Hydrogen Bonding	7.7
Boiling Point, °C at 760mm Hg	117.7
Solubility at 20°C	
%Wt In Water	7.7
%Wt Water in	20.1
Closed Cup Flash Point °F	95
SARA 313 (see note 1†)	Y
Hazardous Air Pollutant (see note 2††)	N

† **Note 1:** Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III Section 313

†† **Note 2:** Hazardous Air Pollutants listed under Title III of the Clean Air Act

### Classification/Registry Numbers

CAS Number	71-36-3
EINECS	200-751-6

(Please see second page)

# **n-Butanol**

## **n-Butyl Alcohol**

### **1-Butanol**

#### **Features**

- Restricted miscibility with water
- Freely miscible with all common solvents such as glycols, ketones, alcohols, aldehydes, ethers, aromatic and aliphatic hydrocarbons
- Prevents blushing of certain coatings
- Improves flow, gloss and resistance to blushing in cellulose lacquers
- Suitable solvent for acid curable lacquers and baking finishes derived from urea
- Non-HAP (Hazardous Air Pollutant) Solvent

#### **Applications**

- Coatings
- Textiles
- Intermediate for glycol ethers
- Flotation agents
- Cleaners
- Floor polishes
- Extractant in production of drugs and antibiotics, hormones, vitamins
- Additive in gasolines
- Chemical intermediate (esters, alkylamines)

#### **How supplied**

- Bulk: Tank truck/tank car
- Marine tankers or barges

Note: Consult the appropriate Material Safety Data Sheet for safety and handling guidelines for this product.

**The Dow Chemical Company**  
Danbury, Connecticut 06817 U.S.A.

**In the United States and Canada, Product Information: 1-800-447-4369; Fax: 1-989-832-1465; Technical Support: 1-800-SOLVENT**  
**In Europe: +800 3 694 6367; Toll Phone: +32 3 450 2240; Toll Fax: +32 3 450 2815**  
**In the Pacific: +800 7776 7776; Fax: +800 7779 7779**  
**In Other Global Areas: 1-989-832-1556; Fax: 1-989-832-1465**

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