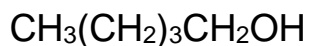




n-Pentanol

1-Pentanol
n-Amyl Alcohol
n-Pentyl Alcohol
n-Butyl Carbinol



Description

A colorless, flammable liquid with a strong sweet odor. Miscible with common organic solvents.

Physical properties

Molecular Weight	88.15
Relative Evaporation Rate nBuAc=1	0.18
Vapor Pressure at 20°C, mmHg	1.6
Density at 20°C lb/gal	6.79
Specific Gravity at 20/20°C	0.816
Viscosity at 20°C cP	4.0
Surface Tension	
(dynes/cm at 20°C)	25.7
(dynes/cm at 25°C)	-
Hansen Solubility Parameters	
Total	10.6
Non-Polar	7.8
Polar	2.2
Hydrogen Bonding	6.8
Boiling Point, °C at 760mm Hg	137.9
Solubility at 20°C	
%Wt In Water	2
%Wt Water in	9.5
Closed Cup Flash Point °F	119
SARA 313 (see note 1†)	N
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	71-41-0
EINECS	2503788

(Please see reverse side)

n-Pentanol

1-Pentanol

n-Amyl Alcohol

n-Pentyl Alcohol

n-Butyl Carbinol

Features

- Liquid over broad range of temperatures
- Slightly soluble in water
- Miscible with common organic solvents
- Non-HAP (Hazardous Air Pollutant) Solvent

Applications

- Manufacture of corrosion inhibitors
- Fuel and lubricating oils additives
- Plasticizers
- Polyvinyl chloride stabilizers
- Flotation aids
- Cosmetics
- Extractants
- Herbicides
- Pharmaceuticals
- Antioxidants

How supplied

- Bulk: Tank truck/tank car
- Isotanks
- Drums

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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