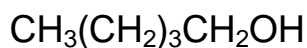




# n-Pentanol

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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