



Primary Amyl Alcohol

Pentanol Mixture

Pentyl Alcohol Mixed

Amyl Alcohol

$(C_4H_9)CH_2OH$ (mixed isomers)

Description

Colorless liquid with a mild and characteristic odor. Miscible with common organic solvents.

Physical properties

Molecular Weight	88.15
Relative Evaporation Rate nBuAc=1	0.25
Vapor Pressure at 20°C, mmHg	2.2
Density at 20°C lb/gal	6.79
Specific Gravity at 20/20°C	0.815
Viscosity at 20°C cP	4.3
Surface Tension	
(dynes/cm at 20°C)	23.7
(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	133.2
Solubility at 20°C	
%Wt In Water	1.7
%Wt Water in	9.2
Closed Cup Flash Point °F	113
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	137-32-6; 71-41-0
EINECS	205-289-9; 200-752-1

(Please see second page)

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Features

- Good solvency
- Lower volatility
- Available hydroxyl functionality on alkyl chain
- Slightly soluble in water
- Miscible with common organic solvents
- Non-HAP (Hazardous Air Pollutant) Solvent

Applications

- Intermediate
- Coating solvent
- Amyl xanthate for mining
- Lube oil additive
- Extraction solvent

How supplied

- Bulk: Tank trucks/tank cars/isotanks/marine vessel
- 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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