

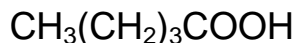


# Valeric Acid

Pentanoic Acid

Propylacetic Acid

Butanecarboxylic Acid



## Description

A colorless liquid with an unpleasant odor.

## Physical properties

Molecular Weight	102.13
Relative Evaporation Rate nBuAc=1	0.02
Vapor Pressure at 20°C, mmHg	0.1
Density at 20°C lb/gal	7.84
Specific Gravity at 20/20°C	0.939
Viscosity at 20°C cP	2.2
Surface Tension	
(dynes/cm at 20°C)	-
(dynes/cm at 25°C)	26.1
Hansen Solubility Parameters, [cal/cm <sup>3</sup> ] <sup>1/2</sup>	
Total	-
Non-Polar	-
Polar	-
Hydrogen Bonding	-
Boiling Point, °C at 760mm Hg	185.5
Melting Point °C	-35°C
Solubility at 20°C	
%Wt In Water	2.4
%Wt Water in	13.0
Closed Cup Flash Point °F	193
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	109-52-4
EINECS	203-677-2

(Please see second page)

# Valeric Acid

## Pentanoic Acid

## Propylacetic Acid

## Butanecarboxylic Acid

### Features

- Freely soluble in ethanol
- Carboxy functionality in a lower molecular weight fatty acid.

### Applications

- Chemical intermediate
- Intermediate in perfumery
- Synthetic lubricants
- Agricultural chemical intermediate, pharmaceutical intermediate

### How supplied

- Bulk: Tank truck/tank cars/isotanks/marine vessels
- 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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