



# n-Propyl Acetate

## Acetic Acid, n-Propyl Ester



### Description

N-propyl acetate is a colorless, volatile solvent with an odor similar to acetone. It has good solvency power for many natural and synthetic resins. It is miscible with many organic solvents.

### Physical properties

Molecular Weight	102.13
Relative Evaporation Rate nBuAc=1	2.75
Vapor Pressure at 20°C, mmHg	25
Density at 20°C lb/gal	7.39
Specific Gravity at 20/20°C	0.883
Viscosity at 20°C cP	0.6
Surface Tension	
(dynes/cm at 20°C)	24.4
(dynes/cm at 25°C)	-
Hansen Solubility Parameters, [cal/cm <sup>3</sup> ] <sup>1/2</sup>	
Total	8.6
Non-Polar	7.5
Polar	2.1
Hydrogen Bonding	3.7
Boiling Point, °C at 760mm Hg	101.5
Solubility at 20°C	
%Wt In Water	2
%Wt Water in	2.6
Closed Cup Flash Point °F	58
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	109-60-4
EINECS	203-686-1

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## Acetic Acid, n-Propyl Ester

### Features

- Clear, highly volatile liquid
- Mild odor
- Sparingly soluble in water
- Good resin solvent
- Slow RER
- Promotes flow and leveling
- Non-HAP (Hazardous Air Pollutant) Solvent
- Solvency power similar to ethyl acetate
- Miscible with many organic solvents (alcohols, ketones, aldehydes, glycols and glycol ethers)

### Applications

- Coatings
- Wood lacquers
- Aerosol sprays
- Nail care
- Cosmetic / personal care solvent
- Fragrance solvent
- Process solvent
- Printing inks (especially flexographic and special screen)

### How supplied

Region	Packaging	Transport Mode
Europe/Africa	Bulk or Drum	Isotank/Tank Truck/Package Truck/Marine Vessel
Latin America	Bulk	Marine Vessel/ Tank Truck & Railcar (Mexico Only)
North America	Bulk	Tank Truck/Railcar/Marine Vessel
Pacific	Drum	Package Truck/Marine Vessel

### Special handling

- Risk phrase
- R11 (Highly flammable)
  - R36 (Irritating to eyes)
  - R66 (Repeated exposure may cause skin dryness or cracking)
  - R67 (Vapors may cause dizziness and drowsiness)
- Safety phrase
- S2 (Keep out of reach of children)
  - S26 (In case of contact with eyes, rinse immediately with plenty of water and seek medical advice)
  - S29 (Do not empty into drains)
  - S33 (Take precautionary measures against static discharges)

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

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**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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