



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 ³] ^{1/2}	
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

(Please see second page)

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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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