



Primary Amyl Acetate

Pentyl Esters of Acetic Acid

N-Amyl Acetate

1-Pentyl Acetate

2-Methyl Butyl Acetate

$C_5H_{11}OC(O)CH_3$ (mixed isomers)

Description

A colorless liquid with a mild banana-like odor.

Physical properties

Molecular Weight	130.19
Relative Evaporation Rate nBuAc=1	0.5
Vapor Pressure at 20°C, mmHg	4
Density at 20°C lb/gal	7.29
Specific Gravity at 20/20°C	0.876
Viscosity at 20°C cP	0.9
Surface Tension	
(dynes/cm at 20°C)	25.8
(dynes/cm at 25°C)	-
Hansen Solubility Parameters, [cal/cm ³] ^{1/2}	
Total	8.6
Non-Polar	7.7
Polar	1.9
Hydrogen Bonding	3.3
Boiling Point, °C at 760mm Hg	146.0
Solubility at 20°C	
%Wt In Water	0.2
%Wt Water in	0.9
Closed Cup Flash Point °F	101
SARA 313 (see note 1 †)	N
Hazardous Air Pollutant (see note 2 † †)	N
Electrical Resistivity MΩ	>1000

† **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	628-63-7; 624-41-9
EINECS	211-047-3, 210-843-8

(Please see second page)

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Features

- Non-HAP (Hazardous air pollutant) Solvent
- Good resin solvency for low formulation viscosity
- High electrical resistivity for electrostatically sprayed coatings

Applications

- Coatings
- Extraction solvent for pharmaceuticals
- Cleaning fluids
- Leather polishes
- Printing and finishing fabrics
- Photographic film

How supplied

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

Special handling

Risk phrase	R10 (Flammable) R66 (Repeat exposure may cause skin dryness & cracking)
Safety phrase	S2 (Keep out of reach of children) S23 (Do not breathe vapor) S25 (Avoid contact with eyes)

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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