



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)

Primary Amyl Acetate

Pentyl Esters of Acetic Acid

N-Amyl Acetate

1-Pentyl Acetate

2-Methyl Butyl Acetate

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

NOTICE: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



