



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.

Typical Physical Properties

These properties are typical but do not constitute specifications.

| | |
|--|--------|
| 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 |

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.

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