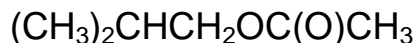




Isobutyl Acetate

Acetic Acid Isobutyl Ester
Acetic Acid 2-Methylpropyl Ester
2-Methyl-1-Propyl Acetate



Description

Isobutyl acetate is a colorless solvent with medium volatility and a characteristic fruity ester odor. It has good solvency characteristics for polymers, resins, oils and cellulose nitrate and is miscible with all common organic solvents.

Physical properties

| | |
|--|--------|
| Molecular Weight | 116.16 |
| Relative Evaporation Rate nBuAc=1 | 1.7 |
| Vapor Pressure at 20°C, mmHg | 15 |
| Density at 20°C lb/gal | 7.26 |
| Specific Gravity at 20/20°C | 0.873 |
| Viscosity at 20°C cP | 0.7 |
| Surface Tension | |
| (dynes/cm at 20°C) | 23.4 |
| (dynes/cm at 25°C) | - |
| Hansen Solubility Parameters | |
| Total | 8.2 |
| Non-Polar | 7.4 |
| Polar | 1.8 |
| Hydrogen Bonding | 3.1 |
| Boiling Point, °C at 760mm Hg | 118.0 |
| Solubility at 20°C | |
| %Wt In Water | 0.66 |
| %Wt Water in | 1.1 |
| Closed Cup Flash Point °F | 62 |
| 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 | 110-19-0 |
| EINECS | 203-745-1 |

(Please see second page)

Isobutyl Acetate

Acetic Acid Isobutyl Ester

Acetic Acid 2-Methylpropyl Ester

2-Methyl-1-Propyl Acetate

Features

- Miscible with all common organic solvents (alcohols, ketones, aldehydes, glycols, ethers, glycol ethers)
- Readily thinned with aromatic and aliphatic hydrocarbons
- Limited miscibility in water
- Non-HAP (Hazardous air pollutant) Solvent
- Higher volatility than n-Butyl Acetate
- Low intrinsic viscosity
- Blush resistant
- Excellent solvent power for resins, polymers, oils, and cellulose nitrate

Applications

- Coatings
- Polymer paints
- Cleaners
- Adhesives
- Fragrance solvent
- Extraction solvent
- Isocyanate lacquers
- Cosmetic/personal care solvent

How supplied

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

Special handling

| | |
|---------------|---|
| Risk phrase | R11 (Highly flammable) R66 (Repeated exposure may cause skin dryness or cracking) |
| Safety phrase | S2 (Keep out of reach of children) S16 (Keep away from sources of ignition – No smoking) S23 (Do not breathe gas/fumes/vapor/spray) S25 (Avoid contact with eyes) S29 (Do not empty into drains) S33 (Take precautionary measures against static discharges) |

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In Other Global Areas: 1-989-832-1556; Fax: 1-989-832-1465

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Product Information



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