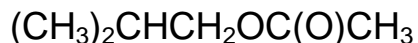




# Isobutyl Acetate

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)

**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.



# Product Information



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