

Isobutyl Acetate
Acetic Acid Isobutyl Ester
Acrylic Acid 2-Methylpropyl Ester
2-Methyl-1-Propyl Acetate
 $(CH_3)_2CHCH_2OC(O)CH_3$

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

** 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

DISCLAIMER:

The information contained in this datasheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about the product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

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

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