



Isopropyl Alcohol

Isopropanol is a colorless, flammable liquid with a characteristic alcoholic odor. It is completely miscible with most solvents, including water, and is a suitable solvent for acrylic and epoxy resins, ethyl cellulose, natural resins, gums, polyvinyl butyral, alkaloids and some essential oils.

Features:

- Medium evaporating solvent
- Latent solvent in nitrocellulose systems
- Non-HAP (Hazardous Air Pollutant) Solvent
- Low photochemical reactivity

Applications:

- Nitrocellulose lacquers and thinners
- Coupling agent in cleaners and polishes
- Dehydrating agent
- Extractant
- Adhesives
- Pharmaceutical
- Cosmetics and toiletries
- Disinfectants
- Rubbing compounds
- Lithographic printing
- Chemical intermediate
- De-icing
- General purpose cleaners

Typical Properties:

Molecular Weight	60.10
Relative Evaporation Rate nBuAc = 1	2.9
Vapor Pressure @ 20 C, mmHg	33.1
Density @ 20 C lb/gal	6.55
Specific Gravity @ 20/20 C	0.787
Viscosity @ 20 C cP	2.4
Surface Tension (dynes/cm @ 20 C) (dynes/cm @ 25 C)	21.4
Hansen Solubility Parameters	
Total	11.5
Non-Polar	7.7
Polar	3.0
Hydrogen Bonding	8.8
Boiling Point, C @ 760mm Hg	82.3
Solubility @ 20 C	
% Wt In Water	100
% Wt Water in	100
Closed Cup Flash Point °F	53
SARA 313 (see note 1 *)	Y
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