



Isopropyl Alcohol

STARFIRE 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.

APPLICATIONS

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

FEATURES

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

IPA		
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		100
% Wt In Water		100
% Wt Water in		
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