ISOPROPANOL (Anhydrous)

2-Propanol
Propan-2-ol
Isopropyl Alcohol

C_3H_8O

Description

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.

Typical Physical Properties

These properties are typical but do not constitute specifications.

Molecular Weight	60.10
Relative Evaporation Rate nBuAc=1	2.9
Vapor Pressure at 20°C, mmHg	33.1
Density at 20°C lb/gal	6.55
Specific Gravity at 20/20°C	0.787
Viscosity at 20°C cP	2.4
Surface Tension	
(dynes/cm at 20°C)	21.4
(dynes/cm at 25°C)	-
Hansen Solubility Parameters	
Total	11.5
Non-Polar	7.7
Polar	3.0
Hydrogen Bonding	8.8
Boiling Point, °C at 760mm Hg	82.3
Solubility at 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

Classification/Registry Numbers

CAS Number	67-63-0
EINECS	200-661-7

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

How supplied

Region	Packaging	Transport Mode
Europe/Africa	Bulk/Drum	Tank Truck
Latin America	Bulk/Drum	Tank Truck
North America	Bulk	Tank Truck/Tank Car
Pacific	Bulk/Drum	Tank Truck