



# SFS INTERNATIONAL CHEMICALS (PTE) LTD.

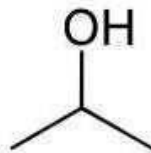
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## Product Technical Data Sheet

Product Name: ISOPROPYL ALCOHOL

CAS Number: 67-63-0  
UN NO: 1219  
Formula:  $C_3H_8O$   
Formula Weight: 60.1



### 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 butyric, alkaloids and some essential oils.

Isopropyl is also highly effective, general use cleaning solvent that is used to clean a variety of substrates and remove a variety of soils. This 99% pure IPA is available in a variety of sizes for all types of use.

- Low surface tension
- Effective cleaning agent
- Removes all types of residues, oxides, oils and contaminants
- Better than 99.8% pure
- Evaporates quickly and leaves no residue
- Safe on most plastics and elastomers
- Contains no CFCs, HCFCs or ODP's

TEST	Specification
Appearance(Color)	Colorless
Appearance(From)	Liquid
Infrared spectrum	Infrared spectrum
Purity(GC)	IPA min 99.8%
	Others Max 0.2%
Water(by Karl Fischer)	Max 1000PPM
Color Test	Max 10 APHA
Acidity As Acetic Acid	0.003
IBP°C	79
DP°C	82.4
Vendor Information Product of CHIU TZE CHEMICAL	Confirmed

## Typical Physical Properties

These properties are typical but do not constitute specifications

Molecular Weight	60.10 g/mol
Empirical Formula	C3H8O
Appearance(From)	Colorless Liquid
Freezing Point	-88.5°C (-123.7°F)
Boiling Point @ 760mmHg	82.3°C
Flash Point – Closed Cup	12°C (53°F)
Autoignition Temperature	425°C
Density @ 20°C	0.787 kg/L 6.57 lb/gal
Vapor Pressure @ 20°C	4.1 kPa
Solubility in Water @ 20°C	Miscible
Surface Tension @ 20°C	23 mN/m
Surface Tension @ 25°C	26.9 dynes/cm
Refractive Index @ 20°C	1.376
Viscosity @ 20°C	2.4 cP
VOC* Content:	
CARB	100 %
SCAQMD	790 g/L
Federal	100 %

Note: The properties reported above are typical physical properties.

Monument Chemical in no way guarantees that the product from any particular lot will conform exactly to the given values.

### Classification/Registry Numbers††

CAS Number 108-65-6

AICS (Australia) 108-65-6

DSL (Canada) 108-65-6

ECL (Korea) 2-759

EINECS (EU) 203-603-9

MITI (Japan) 2-3144

TSCA (U.S.) 108-65-6

NOTE: Classifications apply only to this glycol ether product. It is the responsibility of the formulator to ensure that the final finished product complies with the regulations of a given country prior to its sale or distribution in that country.

### Suggested Applications

Active solvent for solvent-based coatings.

Active solvent for solvent-based silk screen printing inks.

Aprotic solvent in coating systems where OH reactivity is unwanted (e.g.

PU/isocyanate and epoxy).

Features 1.Powerful solvency 2.High dilution ratio 3.Moderate evaporation rate  
4.Viscosity control

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