

ISOPROPYL ALCOHOL

CAS Number: 67-63-0

Other Names: Propan-2-ol; Isopropanol; Rubbing alcohol;
sec-Propyl alcohol; s-Propanol; iPrOH; Dimethyl carbinol; IPA

Formula: C₃H₈O

PRODUCT INTRODUCTION

Isopropyl alcohol is a secondary alcohol. It appears as a volatile, colorless liquid with a sharp, musty odor. Isopropyl alcohol is miscible in water, ethanol, ether, and chloroform. It is commonly used in making cosmetics, skin and hair preparations, pharmaceuticals, and perfumes.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear and Bright
Platinum Cobalt Color	5 Pt/Co
Water Content	0.037 % (m/m)
Water Miscibility	Pass
Density at 20°C	0.7851 g/cm ³
Acidity (as Acetic Acid)	0.0005 % (m/m)
Carbonyl Content (as CH ₃ COCH ₃)	38.2 mg/kg
Non-Volatile Matter	< 0.001 % (m/m)
Sulphur	< 1 mg/Kg
Purity	99.92 % (m/m)

APPLICATIONS

- Isopropyl Alcohol is primarily manufactured for consumer use in cosmetics, skin and hair preparations, pharmaceuticals, perfumes, lacquer formulations, dye solutions, antifreezes, soaps, and window cleaners.
- The bottled liquid is sold in 70% aqueous solution as rubbing alcohol.
- Industrial applications include: Adhesives and sealant chemicals, non-pesticidal agricultural chemicals, fuels and fuel additives, intermediates, lubricants, paint and coating additives, process regulators and aids specific to petroleum production, and cleaning solvents for cleaning or degreasing.

PACKING OPTIONS

Tanks

Drums
