

Isopropyl Alcohol (IPA)

Fast-evaporating, water-miscible industrial solvent for cleaning and formulation.

CAS No. 67-63-0	EC / List No. 200-661-7	Transport Class 3 — Flammable
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Product Information

Isopropyl alcohol is a secondary alcohol with molecular formula C₃H₈O and molecular weight 60.10 g/mol. Its combination of water miscibility, useful solvent power and relatively fast evaporation supports cleaning and solvent-blend development across industrial applications.

Specifications

Parameter	Specification
Appearance	Clear, colorless liquid
Assay	≥99.8 %
Water — source control value	0.05 % m/m

Assay is a supply limit. The source water control value is 0.05% m/m without an inequality; typical physical properties are reference values, not additional acceptance limits.

Typical Properties

Property	Typical Value
Molecular formula	C ₃ H ₈ O
Molecular weight	60.10 g/mol
Density at 20°C, typical	0.787 kg/L
Boiling point, typical	82°C
Flash point, closed cup, reference	12°C

Applications

Industrial and precision cleaning: Solvent for removing compatible process residues and oily contamination from industrial surfaces and parts. Validate material compatibility, cleaning performance and final residue requirements before use.

Inks, coatings and adhesives: Fast-evaporating solvent or solvent-blend component. Evaluate resin solubility, viscosity, drying rate and substrate performance in the complete formulation.

Industrial solvent blending: Water-miscible alcohol for selected chemical processing and formulation systems. Match purity and water control to the process and manage flammable-vapor exposure.

Packaging / Storage

Item	Information
Packing	200 kg drums
Storage	Store tightly closed in a cool, dry, well-ventilated flammable-liquid area. Keep away from heat, sparks, open flames, oxidizing agents and incompatible acids. Protect containers from direct sunlight.
Handling	Use closed transfer and ventilation to control vapors. Bond and ground conductive equipment, eliminate ignition sources and wear chemical-resistant gloves and splash goggles. Avoid breathing vapor and prevent eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Shanghai office	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / Email	+86-21-54265599 / sales@zxchem.com.cn
Website	www.zxchem.com