

PRODUCT IDENTIFICATION



Product Name: Isopropyl Alcohol 60% USP Grade

CAS Number: 67-63-0

Molecular Formula: C₃H₈O

Molecular Weight: 60.10 g/mol

Grade: USP Grade

Purity / Concentration: 60%

Synonyms: Not Available

PRODUCT OVERVIEW

Alliance Chemical offers Isopropyl Alcohol 60% USP Grade, a high-quality, clear solvent suitable for a variety of professional and laboratory applications. This solution provides a consistent 60% concentration, ensuring reliability for your specific dilution or cleaning requirements.

Grade Significance: USP Grade signifies that the product meets the stringent quality and purity standards established by the United States Pharmacopeia, providing assurance of consistency for sensitive applications.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

Certificate of Analysis data not available for this product.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, colorless liquid with alcohol odor	Form	Liquid
Boiling Point	82°C (180°F)	Melting / Freezing Point	-89°C (-128°F)
Flash Point	12°C (pure)	Specific Gravity	0.891
Solubility	Fully miscible with water	Molecular Formula	C ₃ H ₈ O
Molecular Weight	60.10 g/mol		

APPLICATIONS

- Laboratory Research** — Used as a general-purpose solvent for cleaning glassware and preparing chemical solutions in controlled environments.
- Electronics Manufacturing** — Serves as a reliable cleaning agent for removing residues from delicate components and circuit boards without leaving significant moisture.
- Cosmetic Formulation** — Utilized as a base ingredient in the production of personal care products that require a regulated USP-grade alcohol component.
- Industrial Maintenance** — Applied for surface preparation and degreasing of equipment parts prior to coating or assembly processes.
- Printing and Graphics** — Functions as a fountain solution additive to manage ink viscosity and surface tension during high-speed printing operations.

STORAGE & HANDLING

Due to its classification as a highly flammable liquid, this product must be stored in a cool, well-ventilated area away from heat, sparks, or open flames. Proper containment prevents the accumulation of hazardous vapors, which can cause dizziness or eye irritation if ventilation is inadequate.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: Danger



Hazard Statements:

- H225: Highly Flammable liquid and vapor [Danger Flammable liquids]
- H319: Causes serious eye irritation [Warning Serious eye damage/eye irritation]
- H336: May cause drowsiness or dizziness [Warning Specific target organ toxicity, single exposure; Narcotic effects]

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

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