

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

Isopropyl Alcohol 60% USP Grade is a high-quality, clear, and colorless solvent suitable for a variety of industrial and laboratory applications. This concentration is specifically formulated to meet USP standards, ensuring consistency and reliability for your precise processing needs.

Grade Significance: USP Grade signifies that the product meets the strict quality and purity standards set 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

- Pharmaceutical Manufacturing** — Utilized as a high-purity solvent for the processing of pharmaceutical ingredients where USP compliance is mandatory.
- Laboratory Research** — Serves as a reliable reagent for cleaning glassware and preparing chemical solutions in controlled research environments.
- Cosmetics and Personal Care** — Functions as a solvent and carrier in the formulation of various topical products that require USP-grade components.
- Industrial Cleaning** — Used for surface preparation and precision cleaning of sensitive equipment to ensure residue-free results.

STORAGE & HANDLING

Due to its high flammability, this product must be stored in a cool, well-ventilated area away from heat sources and open flames. Proper storage is essential to prevent the accumulation of vapors, which can cause dizziness or drowsiness, and to mitigate fire risks associated with its low flash point.

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 vapour
- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness

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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