

PRODUCT IDENTIFICATION



Product Name: Isopropyl Alcohol 60% Technical Grade

CAS Number: 67-63-0

Molecular Formula: C₃H₈O

Molecular Weight: 60.10 g/mol

Grade: Technical Grade

Purity / Concentration: 60%

Synonyms: Not Available

PRODUCT OVERVIEW

Isopropyl Alcohol 60% Technical Grade is a versatile solvent providing a balanced concentration for various industrial and laboratory cleaning applications. This clear, colorless liquid is formulated to meet standard technical requirements for effective surface preparation and general solvent utility.

Grade Significance: Technical Grade indicates that this product is formulated for industrial and manufacturing applications where high performance is required, though it is not intended for pharmaceutical or food-grade use.

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

- Manufacturing** — Used as a reliable surface cleaner to remove oils, residues, and contaminants from parts before assembly or coating.
- Laboratory Research** — Serves as a general-purpose solvent for cleaning glassware and maintaining sterile work environments.
- Automotive** — Utilized in detailing and maintenance to prepare surfaces for adhesives or to remove light grease buildup.
- Printing** — Acts as a fountain solution additive or cleaning agent for press components to ensure high-quality output.
- Janitorial Services** — Functions as an effective ingredient in specialized glass and hard surface cleaners for commercial facilities.

STORAGE & HANDLING

Due to its highly flammable nature, this product must be stored in a cool, well-ventilated area away from heat sources and open flames. Proper containment is essential to prevent the accumulation of vapors, which can cause dizziness or irritation if inhaled in enclosed spaces.

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.

Alliance Chemical | 204 South Edmond St, Taylor, Texas 76574 | 512-365-6838 | www.alliancechemical.com

Disclaimer: The information contained herein is believed to be accurate and represents the best information currently available to us. However, Alliance Chemical makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.