

### PRODUCT IDENTIFICATION



**Product Name:** Isopropyl Alcohol 60% Technical Grade

**CAS Number:** 67-63-0

**Molecular Formula:** C<sub>3</sub>H<sub>8</sub>O

**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 and cleaning agent designed for a variety of industrial and laboratory applications. This clear, colorless liquid provides a consistent 60% concentration, ensuring reliable performance for routine chemical processes.

**Grade Significance:** Technical Grade indicates that the product is formulated for industrial efficiency and cost-effectiveness, rather than for pharmaceutical or food-grade applications.

### CERTIFICATE OF ANALYSIS — TYPICAL VALUES

*Certificate of Analysis data not available for this product.*

### PHYSICAL & CHEMICAL PROPERTIES

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

### APPLICATIONS

- Industrial Cleaning** — Used as an effective solvent for removing oils, greases, and residues from machinery and metal surfaces.
- Laboratory Research** — Serves as a standard reagent for cleaning glassware and preparing chemical mixtures in controlled environments.
- Printing and Graphics** — Utilized as a fountain solution additive or cleaning agent to maintain press efficiency and prevent ink buildup.
- Manufacturing** — Acts as a carrier solvent in the production of various coatings and specialized chemical formulations.

### STORAGE & HANDLING

Proper storage is critical because this product is classified as a highly flammable liquid and vapor. It must be kept in a cool, well-ventilated area away from heat sources or open flames to prevent fire hazards and ensure the stability of the chemical composition.

## 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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