

# 824



## 99.9% Isopropyl Alcohol

This is a ACS reagent grade IPA for cleaning electronics. It is a flammable, clear solvent that effectively cleans ionic, polar and non-polar residues. It is safe on most painted surfaces, plastics, and elastomers. It leaves no residue, evaporates quickly relative to water, and does not cause corrosion. It is low toxicity compared to alternative solvents and is similarly relatively environmentally benign, being ozone safe with excellent “green solvent” scores.

It is both anhydrous, hygroscopic, and fully miscible with water, so it can be used to scavenge moisture and dehumidify surfaces. It also has a low surface tension, so it wets easily, making it an effective cleaner.

## Features & Benefits

Safe on most plastics and elastomers

Fast dry time

Zero residue

Low toxicity

CARB compliant

Conforms to MIL Spec TT-I-735 GRADE A and ASTM D770

## Storage and Handling

Store between -20 and 27 °C in a dry area, away from sunlight.  
Store in well-ventilated places (see SDS).



## Available Packaging

Part #	Packaging	Net Vol.	Net Wt.
824-100ML	Bottle	125 mL	98 g
824-500ML	Bottle	475 mL	373 g
824-1L	Bottle	945 mL	742 g
824-1G	Bottle	3.78 L	3.0 kg
824-20L	Pail	20 L	15.7 kg
824-400ML	Aerosol	400 mL	—
824-450G	Aerosol	553 mL	—



824-450G  
Not available in EU/UK



824-400ML  
Only available in EU/UK

## Mil Spec #TT-I-735A Properties

Purity	>99.8 %
Water, w/w	≤0.10 %
Color, Pt-Co scale	≤5
Acidity, % of acetic acid	≤0.001 %
Density @ 20 °C	0.785–0.786 g/mL
Dilution Range	
Initial Boiling Point	≥81.8 °C
Dry Point	≥82.8 °C
Non-volatile Matter	≤0.001 g/100 mL
Water Miscibility	Fully Miscible
Appearance	Clear

## Properties

Flammability	High
Viscosity	3.4 cP
Flash Point	12 °C
Boiling Point	82 °C
Auto-ignition Temperature	425 °C
Volatile Organic Compound (VOC)	100%
Shelf Life	5 y

**Disclaimer:** This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.