

MATERIAL SAFETY AND DATA SHEET

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SECTION 1 - PRODUCT IDENTIFICATION

Isopropyl Alcohol 99%

CHEMICAL FAMILY: Aliphatic Alcohol
SYNONYMS: Isopropanol 99%, Rubbing Alcohol



SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT:	CAS #:	PERCENTAGE:
Isopropyl Alcohol	67-63-0	70%

SECTION 3 - PHYSICAL DATA

Color: Clear liquid	Viscosity:
Odor: Alcohol	Evaporation Rate: 2.3 (Water=1)
Freezing Point: -88°F	pH: N/A
Boiling Point: 180°F	Vapor Density: 1.6 (Air=1)
Specific Gravity: 0.78505 @ 68°F	

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: 70°F
Extinguishing Media: Carbon dioxide, chemical foam, dry chemical.
Special Fire Fighting Procedures: **FLAMMABLE.** May be ignited by heat, spark, flame, or static discharge. Clear area of unprotected personnel. Do not enter fire space without full protective gear.

SECTION 5 - REACTIVITY DATA

Stability: Stable under normal conditions.
Incompatibilities: Anhydride, isocyanate, acetylaldehyde, chlorine, ethylene oxide, hydrogen peroxide, aluminum, and organometallic contaminants.
Hazardous Decomposition Products: May produce toxic carbon monoxide and carbon dioxide fumes if burned.
Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARDS

Inhalation: May cause irritation of the respiratory tract, headache, dizziness, mental depression, nausea, vomiting, narcosis, anesthesia, coma.
Eye Contact: May cause slight to severe irritation and damage to eye tissues.
Skin Contact: May cause irritation.
Ingestion: Toxic by ingestion. May cause irritation of the gastro-intestinal tract, nausea, vomiting, headache, dizziness, depression, narcosis, anesthesia, coma. Ingestion of 100 mL has been fatal.

SECTION 7 - FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.
Eye Contact: Flush immediately with water for 15 minutes and seek medical attention.
Skin Contact: Wash thoroughly with soap and water. If irritation persists or develops, seek medical attention.
Ingestion: Flush mouth out with water and seek medical attention or contact a poison control center immediately. Do not leave victim unattended.

SECTION 8 - STORAGE AND HANDLING

Handling: Avoid contact with eyes, skin, or clothing and avoid breathing vapors. Wash thoroughly after handling and wash any contaminated clothes before reuse.

Storage: Avoid exposure to heat, sparks, flame, and contact with oxidizing agents. Do not store or handle in aluminum containers and temperatures above 120°F.

SECTION 9 - SPILL AND DISPOSAL PROCEDURES

In case of spill: Remove any ignition sources and ventilate spill area. Wear all protective gear including respirator, goggles, gloves, boots, etc. Mop up spillage with an absorbent material and place in sealed container. Wash spill site with water. Wash thoroughly or shower after handling and wash all clothing and protective gear before reuse.

Disposal: Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

SECTION 10 - PROTECTIVE EQUIPMENT



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