

MATERIAL SAFETY DATA SHEET

70% Isopropyl Alcohol in Water

SECTION I

Manufacturer: Divina Products Emergency Number: 1-800-633-8253 Date Prepared: April 1, 2004
Address: 55 CONTAINER DR TERRYVILLE, CT 06786 Telephone # for Information 1-860-589-7502

SECTION II - Hazardous Ingredients and Identity Information

1. Synonymous Terms for Isopropyl Alcohol
 - a) 2-Propanol
 - b) Dimethyl Carbinol
2. Chemical Formula for Isopropyl Alcohol
(CH₃)₂CHOH
3. Chemical Family for Isopropyl Alcohol
Aliphatic Alcohol
4. CAS #67-63-0

SECTION III - Physical and Chemical Characteristics

Boiling Point: 180°F Specific Gravity: at 39.2°F AP 0.877
Vapor Pressure: 60-92°F Solubility in Water: complete
Appearance/Odor: Clear, colorless liquid with medicinal odor
VOC: 595 gm/L

SECTION IV - Fire and Explosion Hazard Data

Flash Point: AP 70°F (TOC) Flammable Limits: GT 750°F LEL - 2.0 UEL - 12.0
Extinguishing Media: Dry chemical or alcohol-type foam, water spray may be ineffective.
Special Fire Fighting Procedure: Do not enter fire area without proper protection. Use water spray to cool fire exposed surfaces and to protect personnel.
Unusual Fire and Explosion Hazards: Respiratory protection required for fire department personnel. Releases flammable vapor which may burn and explode.
Hazard Rating: Acute health = 2 Fire = 3 Reactivity = 0

SECTION V - Reactivity Data

Stability: Stable
Incompatibility: Aluminum metal keystone, exposure to air, strong oxidizer
Hazardous Decomposition/Byproducts: Incomplete combustion will generate highly poisonous carbon monoxide and perhaps other gases.

SECTION VI - Health Hazard Data

Health Hazards: Burns and injury due to fire and explosion, direct liquid or concentrated vapor in contact with eyes. Inhalation of excessive vapor or aerosol.
Carcinogenicity: N/A NTP: N/A IARC Monographs: N/A OSHA regulated: N/A
Signs/Symptoms of Exposure: Inhalation: Coughing, shortness of breath, dizziness
Eyes: Moderate burning, tearing and redness
Ingestion: Swallowing may result in toxic effects
Emergency/First Aid Procedure: Inhalation: Move victim to fresh air-administer oxygen.
Eyes: Flush with clean low pressure water for 15 minutes.
Ingestion: Give 1 pint of warm water if completely conscious.

In all cases seek emergency medical attention immediately.

SECTION VII - Precautions for Safe Handling and Use

Steps To Take for Release/Spillage: Release may cause fire/explosion. Extinguish all ignition sources, halt, release, notify fire/water supply pollution control authorities. Blanket spill with foam to limit vapor emission - material is soluble/will float. May be toxic to aquatic life. If released notify 1-800-633-8253.
Waste Disposal Method: Consult a disposal expert and ensure conformity to local regulations contain spilled liquid, recover free liquid with suitable absorbent.
Precautions for Handling and Storing: Store only in tightly closed or properly vented containers away from heat sparks, open flame or strong oxidizing agents. Empty containers must be handled with care because of flammable vapors that remain. Do not store or ship in aluminum containers. It will also attack some forms of plastic and rubber coatings.

SECTION VIII - Control Measures

Respiratory Protection: Air supplied mask when vapor concentration is high or organic vapor consist.
Ventilation: Local Exhaust: As necessary Mechanical: Explosion-proof ventilation equipment
Other: No smoking or open lights
Protective Gloves: Chemically resistant gloves Eye Protection: Chemical splash goggles