#### 1. Identification:

Isopropyl Alcohol (IPA, Isopropanol) Product Identity: Recommended Use: Alcohol

## Producer / Distributor

Dalco 300 5th Ave. NW New Brighton, MN 55112

**Telephone Number for Information:** 800-950-1975 800-278-6176 **Emergency Telephone Number:** 

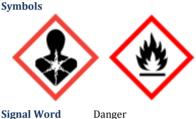
### Hazard Identification: 2.

**Classification:** 

### **Health Class**

Acute Toxicity Category 5 Mild Skin Irritation Category 3 Eye Irritant Category 2 Specific Target Organ Toxicity Category 2

Label



**Physical Class** Flammable Liquid Category 2 **Environment Class** Acute Aquatic Toxicity Category 3

dalco

Making You Shine

### Hazard Statements: May be harmful if swallowed. Causes mild skin irritation and eye irritation. May cause damage to organs (central nervous system, respiratory tract, kidneys, liver). Highly flammable liquid and vapor. **Precautionary Statements:** Do not breathe dust/vapors. Do not eat, drink, or smoke when using this product. Use explosion-proof electrical/ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection. Wash hands thoroughly after handling. Call a doctor if you feel uwnell IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical attention. If exposed or concerned: Get medical attention. In case of fire: Use alcohol foam, CO2, dry chemical, water fog, or vaporizing liquid to extinguish. Keep container tightly closed. Keep away from heat. No smoking. Store locked up, in a well-ventilated place. Keep cool. Dispose of contents in accordance with local regulations. **Composition/Information on Ingredients** Percent by Ingredient **CAS Number** Weight 67-63-0 99 - 100

#### 4. First-Aid Measures:

Isopropyl Alcohol

3.

Ingestion: If Swallowed Call a Physician Immediately Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Inhalation: Move to fresh air.

# 5. Fire Fighting Measures:

Alcohol Foam - CO2 - Dry Chemical - Water Fog - Vaporizing Liquid Suitable Extinguishing Media: **Special Fire Fighting Procedures:** Water hose stream may spread fire, Use water spray to keep containers cool Unusual Fire and Explosion Hazards Vapors are heavier than air and may travel over distances to ignition sources (heat, flames, sparks, pilot lights etc.) where ignition may occur ground all equipment

## 6. Accidental Release Measures:

Extinguish all sources of possible ignition (flames, sparks, pilot lights, etc.) and provide ventilation. For large spills, dike and contain spill with inert material (sand, earth, etc.). Collect spill with absorbent material (example; floor-dry). For small spills, wipe up spill with mop or rag. Dispose of or treat mop or rag properly to avoid fire.

7.	Handling and Storage:         Handling:       Keep out of reach of children         Storage:       Do not store near heat sparks or flame.			
8.	Exposure Controls / Personal Protection: Exposure Limits: Ingredients Isopropyl Alcohol Exposure Controls: Engineering Controls: Ventilate to maintain vapor Personal Protective Equipment: Eye Protection: Approved Safety Goggles or Glasses Skin Protection: Chemical Resistant Rubber Gloves Respiratory Protection: Not required, Avoid breath		Osha PEL 400 ppm	ACGIH TLV 400 ppm
9.	Physical and Chemical Properties: Physical State: Liquid Appearance: Clear Odor: Solvent Solubility: Complete Evaporation Rate: 7.7 Vapor Pressure (MM HG): 33 @ 68F Vapor Density (Air = 1): 2.07	<ul> <li>pH: Not Applicable</li> <li>Specific Gravity (H2O = 1):</li> <li>Flammability: Flammable</li> <li>Flash Point: 55°F (11°C)</li> <li>Boiling Point: 180°F (82°C)</li> <li>%volatile: &gt; 99%</li> </ul>		
10.	Stability and Reactivity: Chemical Stability: Stable Possibility of Hazardous Reactions: None are known Incompatability (Materials to Avoid): Oxidizing Materials Hazardous Decomposition or By-products: None Hazardous Polymerization: Will not Occur Conditions to Avoid: None are known	ı erial, Anhydride, Isocyanate Monomer and (	Organometallic	
11.	<ul> <li>Toxicological Information:         Signs and Symptoms of Overexposure: May cause headaches or narcotic effects, Irritation to Skin and Eyes         Acute Effects:         Eye Contact: Causes eye irritation on contact         Skin Contact: Causes mild irritation on prolonged or repeated contact         Inhalation: May be harmful         Ingestion: May be harmful if swallowed         Target Organ Effects: Skin, Eyes, Respiratory Tract, Central Nervous System, Kidneys and Liver         Chronic Effects: May cause damage to organs (central nervous system, respiratory tract, kidneys, liver).         Acute Toxicity Values:         Oral LD 50 = 2000 - 5000 mg/kg         Inhalation (Vapor) LC 50 = 20 - 50 mg/l         </li> </ul>			
12.	Ecological Information: Persistence and Degradability: Not Available Bio Accumulative Potential: Not Available Mobility in Soil: Not Available			

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

Safety Data Sheets (SDS)	900615 Isopropyl Alcohol (IPA, Isopropanol)	6/7/2013			
14. Transportation Information:					
UN Number: UN1219					
Shipping Name: Isopropanol					
Transport Hazard Class: 3					
Packing Group: III					
Marine Pollutant: NO					
15. Regulatory Information: TSCA Status: All ingredients listed					
<b>Clean Water Act:</b> None of the che	Clean Water Act: None of the chemicals in this product are listed under the CWA				
Clean Air Act: None of the chemic	<b>Clean Air Act:</b> None of the chemicals in this product are listed under the CAA				
<b>CERCLA Reportable Quantity:</b> No	one				
SARA Title III Information:					
Section 302 Extremely Hazardo	us Chemicals: None Listed				
Section 311 / 312 Hazard Categ	ory: Immediate Health, Fire				
Section 313 Toxic Chemicals:	sopropyl Alcohol (67-63-0)				

**State Regulations:** Notice State of California; Warning; This product may contain chemicals known to the state of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

International Regulations: WHMIS Controlled Product Hazard Class: B2, D2B

# 16. Other Information:

Prepared By:Ron CampTelephone Number:651-481-1900Revision Date:6/7/2013Supersedes:1/1/2010

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