

**PRODUCT NAME: ISOPROPYL ALCOHOL 70%**

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those people at your company who have the responsibility to insure compliance with both FEDERAL and STATE Right to Know regulations, and to those employees that request information on this product.

**Federal Regulations:** Parts 29 and 42 Code of Federal Regulations.**State of Illinois:** Public Act 83-240**SECTION 1 - PRODUCT IDENTIFICATION****Manufacturer:** First Priority, Inc.  
1585 Todd Farm Drive  
Elgin, IL 60123**Telephone Number:** 800-650-4899  
**Emergency Number:** Chemtrec  
800-424-9300**Chemical Family:** Aliphatic Alcohol Mixture**Formula:** N/A**Hazard Classification:** Non-hazardous**HMIS Rating System:** Health-2/Flammability-2/Reactivity-0**SECTION 2 - HAZARDOUS COMPONENTS**

<b>Ingredient</b>	<b>CAS#</b>	<b>PEL/TLV</b>	<b>Percent</b>
Isopropyl Alcohol	67-63-0	NE	70%
Water	7732-18-5	NE	30%

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute as least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE = not established.

**SECTION 3 - PHYSICAL DATA**

<b>Boiling Point:</b>	190°	<b>Specific Gravity:</b>	0.85 - (H <sub>2</sub> O = 1)
<b>Vapor Pressure:</b>	25 @ 66° F	<b>Percent Volatile:</b>	N.E.
<b>Vapor Density:</b>	1.6	<b>Evaporation Rate:</b>	0.7
<b>Solubility:</b>	Miscible with water	<b>Appearance:</b>	Clear liquid with aromatic odor

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**SECTION 4 - FIRE & EXPLOSION DATA**

**Flash Point (Method):** 70°F (Penske Closed Cup)  
**Estimated Flammable Limits in Air:** Lower: 2 Upper: 12  
**Extinguishing Media:** Water fog, "alcohol foam" dry chemical or CO2  
**Special Fire Fighting Procedures:** Warning flammable. Evacuate personnel, full bunker gear required including helmet with face shield, bunker coats, gloves, and rubber boots and a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.  
**Unusual Fire & Explosion Hazards:** Containers exposed to intense heat should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Containers exposed to direct flames should be cooled with large quantities of water to prevent weakening of container structure.

**SECTION 5 - HEALTH HAZARD DATA****Effects Of Overexposure**

**Eyes/Skin:** Irritation to skin and mucous membranes.  
**Inhalation:** Irritation to mucous membranes, eyes, nose and throat, dizziness, headaches, and vomiting.  
**Ingestion:** Abdominal pain, severe corrosive gastroenteritis, vomiting, diarrhea, shock, unconsciousness and possibly death.

**Emergency First Aid Procedures:**

**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. Get medical attention.  
**Skin Contact:** Thoroughly wash exposed area with soap and water. If irritation persists, get medical attention.  
**Inhalation:** Remove patient to uncontaminated area and provide fresh air. Give oxygen if necessary. If necessary, get medical attention.  
**Ingestion:** Rinse mouth with water and induce vomiting. If conscious, give starch paste, milk, bread, egg white, or activated charcoal. A 5% solution of sodium thiosulfate, (photographic "hypo") may be administered orally at a rate of 10 mg/kg body weight. Never give anything by mouth to a person who is not conscious. Get immediate medical attention.

**SECTION 6 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to avoid:** Sparks, heat, flame and contact with strong oxidizing agents.  
**Incompatibility:** Contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120°.  
**Hazardous Decomposition Byproducts:** Carbon monoxide and unidentified organic compounds may be found during combustion.  
**Hazardous Polymerization:** Do not store or handle in aluminum equipment at temperatures above 120° F.

**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps To Be Taken In Case Of Large Amount Of Material Is Released Or Spilled:**

Eliminate all ignition sources. For small spills, flush away with water. For large spills, wear protective clothing, including rubber boots, and self-contained breathing apparatus. Treat with sulfite containing neutralizing chemicals and cover with clay, sand, or other suitable absorbents. Shovel into DOT approved containers for disposal. Flush area with detergent and water.

**Waste Disposal Methods:**

Incineration or in sanitary landfill following local, state and federal regulations.

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**SECTION 8 - SPECIAL PROTECTION**

**Respiratory Protection:** Half-mask respirator with filter cartridge.  
**Ventilation:** Provide to meet 0.1 ppm ceiling.  
**Protective Gloves:** Chemical-resistant gloves recommended.  
**Eye Protection:** Safety goggles.  
**Other Protective Equipment:** Emergency eye wash stations and showers should be available.  
**Other Protection:** Wash hands thoroughly after using product. Avoid breathing vapors. Certain individuals may develop sensitization to Iodine.

**SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS**

**Special precautions to be taken in handling & storing:** Flammable. Do not expose to heat or store at temperatures above 90°F. Do not store or use close to open flames, sparks, etc.  
**Other precautions:** See section 8.

**Initial Date:** July, 1996.

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