

**PRODUCT NAME:** ISOPROPYL ALCOHOL 99%

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:** Alcohols

**Formula:** (CH<sub>3</sub>)<sub>2</sub> CHOH

**Hazard Classification:** Hazardous

**HMIS Rating System:** Health-2/Flammability-3/Reactivity-0

**SECTION 2 - HAZARDOUS COMPONENTS**

<b>Ingredient</b>	<b>CAS#</b>	<b>PEL/TLV</b>	<b>Percent</b>
Isopropyl Alcohol	67-63-0		99%

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>	180° to 181° F	<b>Specific Gravity:</b>	0.79 @ 68°F
<b>Vapor Pressure:</b>	96 mmHg @ 100° F	<b>Percent Volatile:</b>	N.E.
<b>Vapor Density:</b>	at 1 atm (Air=1) Greater than 1.00	<b>Evaporation Rate:</b>	2.88 n-Bu Acetate=1
<b>Solubility in Water:</b>	100.00 @ 68°	<b>Appearance &amp; Odor:</b>	Clear colorless liquid with typical odor

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**SECTION 4 - FIRE & EXPLOSION DATA**

**Flash Point (Method):** 53°F Method - TCC (Tag Closed Cup)  
**Estimated Flammable Limits in Air:** Lower: 2 Upper: 12.7% (v) 200° F  
**Extinguishing Media:** Water spray, alcohol type foam and dry chemical.  
**Special Fire Fighting Procedures:** Use water spray to cool fire exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with alcohol type foam and dry chemical. Try to cover liquid spills with foam.  
**Unusual Fire & Explosion Hazards:** Flammable liquid, can release vapors that form flammable mixtures at temperatures at or above the flashpoint. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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

**Eyes:** Irritating, and will injure eye tissue if not removed promptly.  
**Skin:** Frequent or prolonged contact may irritate and cause dermatitis.  
**Inhalation:** Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Negligible hazard at ambient temperature (-18 to 38 Deg C: 0 to 100 Deg F)  
**Ingestion:** Minimal toxicity. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema.

**Emergency First Aid Procedures:**

**Eye Contact:** Immediately 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. Remove contaminated clothing, including shoes, after flushing has begun.  
**Inhalation:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.  
**Ingestion:** If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

**SECTION 6 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to avoid instability:** Not applicable.  
**Incompatibility:** Caustics, amines, alkanolamines, aldehydes, strong oxidizing agents, and chlorinated compounds.  
**Hazardous Decomposition Byproducts:** None.  
**Hazardous Polymerization:** Will not occur.

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

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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**SECTION 8 - SPECIAL PROTECTION**

**Respiratory Protection:** Self-contained breathing apparatus.  
**Ventilation:** Use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated. Use explosion-proof ventilation equipment.  
**Protective Gloves:** Chemical resistant gloves.  
**Eye Protection:** Chemical goggles or face shield.  
**Other Protective Equipment:** Emergency eye wash stations and showers should be available.

**SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS****Special precautions to be taken**

**in handling & storing:** Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. This material is not a static accumulator, but use proper grounding procedures. Do not cut, heat or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

**Initial Date:** July, 1996.

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