

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## ISOPROPYL RUBBING ALCOHOL 70%

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name <b>HYDROX LABORATORIES</b>	Emergency Telephone Number <b>800-255-3924</b>
Address (Number, Street, City, State, and ZIP Code) <b>825-B TOLLGATE ROAD</b> <b>ELGIN, IL 60123</b>	Telephone Number for Information <b>847-468-9400</b>
	Date Revised <b>2/08/05</b>
	Signature of Preparer (optional)

### Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>ISOPROPYL RUBBING ALCOHOL (CAS #67-63-0)</b>  <b>ACUTE HEALTH HAZARD: 2</b> <b>FIRE HAZARD: 3</b> <b>REACTIVITY: 0</b>	<b>PEL/TWA</b> <b>8 Hr. 400 ppm (OSHA/ACGIH)</b> <b>STEL 500 ppm (OSHA/ACGIH)</b> <b>REL TWA 10 Hr. 400 ppm (NIOSH)</b> <b>15 min. ceiling 800 ppm (NIOSH)</b>			

## Section III - Physical/Chemical Characteristics

Boiling Point Approx.	87° C	Specific Gravity (H <sub>2</sub> O = 1)	0.88
Vapor Pressure (mm Hg.) Approx.	33mmHg	Melting Point Percent Volatile	100
Vapor Density (AIR = 1) Approx.	2.07	Evaporation Rate (Butyl Acetate = 1) Approx.	2.3
Solubility in Water	<b>COMPLETE.</b>		
Appearance and Odor	<b>COLORLESS LIQUID, CHARACTERISTIC ODOR.</b>		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Approx. 77° F - TCC</b>	Flammable Limits	LEL <b>2</b>	UEL <b>12</b>
Extinguishing Media	<b>CARBON DIOXIDE, DRY CHEMICAL OR FOAM WATER FOG.</b>		
Special Fire Fighting Procedures	<b>DILUTION OF BURNING LIQUID WITH WATER WILL AFFECT EXTINGUISHMENT.</b>		
Unusual Fire and Explosion Hazards	<b>NONE.</b>		

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid <b>AVOID HEAT, SPARKS AND OPEN FLAME.</b>
	Stable	<b>X</b>	
Incompatibility ( <i>Materials to Avoid</i> )	<b>ANHYDRIDE, ISOCYANATE, MONOMER AND ORGANO-METALLIC.</b>		
Hazardous Decomposition or Byproducts	<b>BURNING MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE CONTAMINATION.</b>		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>YES</b>	Skin? <b>NEGLIGIBLE</b>	Ingestion? <b>YES</b>	Eyes? <b>YES</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>GENERALLY USED AS A RUBDOWN. VAPOR IRRITATES EYES. HIGH CONCENTRATION OF VAPOR CAN IRRITATE RESPIRATORY TRACT, IS ANESTHETIC AND MAY CAUSE CNS DEPRESSION.</b>				
Carcinogenicity: <b>NOT A CARCINOGEN</b>	NTP?	IARC Monographs?	OSHA Regulated?	
Signs and Symptoms of Exposure <b>GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA.</b>				
Medical Conditions Generally Aggravated by Exposure <b>PRE-EXISTING AND RESPIRATORY DISORDERS, MAY BE AGGRAVATED BY EXPOSURE.</b>				
Emergency and First Aid Procedures  <b>MOVE TO FRESH AIR. IF SWALLOWED, DO NOT INDUCE VOMITING AND CALL PHYSICIAN. FLUSH SKIN AND EYE CONTACT WITH WATER.</b>				

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled.  <b>ELIMINATE ALL SOURCES OF IGNITION. SMALL SPILLS SHOULD BE FLUSHED WITH LARGE QUANTITIES OF WATER, LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.</b>
Waste Disposal Method  <b>ATOMIZE INTO AN INCINERATOR WHERE PERMITTED UNDER APPROPRIATE FEDERAL, STATE, AND LOCAL REGULATIONS.</b>
Precautions to Be taken in Handling and Storing  <b>DO <u>NOT</u> TAKE INTERNALLY. FLAMMABLE LIQUID. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED.</b>
Other Precautions

## Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

**AIR SUPPLIED MASKS IN CONFINED AREAS.**

Ventilation

Local Exhaust

**PREFERRED**

Special

Mechanical (*General*)

**ACCEPTABLE**

Other

Protective Gloves

**RUBBER OR VINYL GLOVES**

Eye Protection

**GOGGLES**

Other Protective Clothing or Equipment

**EYE BATH AND SAFETY SHOWERS.**

Work/Hygienic Practices

**HANDLE CAREFULLY; AVOID SPILLING.**