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)*	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.
ISOPROPYL RUBBING ALCOHOL 70%	

Section I

Manufacturer's Name **HYDROX LABORATORIES**	Emergency Telephone Number **800-255-3924**
Address *(Number, Street, City, State, and ZIP Code)* **825 TOLLGATE ROAD**	Telephone Number for Information **847-468-9400**
ELGIN, IL 60123	Date Revised 6/4/14
	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)*
ISOPROPYL RUBBING ALCOHOL (CAS #67-63-0) **ACUTE HEALTH HAZARD: 2** **FIRE HAZARD: 3** **REACTIVITY: 0**	**PEL/TWA** **8 Hr. 400 ppm (OSHA/ACGIH** **STEL 500 ppm (OSHA/ACGIH)** **REL TWA 10 Hr. 400 ppm (NIOSH)** **15 min. ceiling 800 ppm (NIOSH)**			

Section III - Physical/Chemical Characteristics

Boiling Point Approx.	**87° C**	Specific Gravity (H_2O = 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	**COMPLETE.**		
Appearance and Odor	**COLORLESS LIQUID, CHARACTERISTIC ODOR.**		

Section IV - Fire and Explosion Hazard Data

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

Section V - Reactivity Data

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

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	Eyes?
	YES	**NEGLIGIBLE**	**YES**	**YES**

Health Hazards *(Acute and Chronic)*
GENERALLY USED AS A RUBDOWN. VAPOR IRRITATES EYES. HIGH CONCENTRATION OF VAPOR CAN IRRITATE RESPIRATORY TRACT, IS ANESTHETIC AND MAY CAUSE CNS DEPRESSION.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NOT A CARCINOGEN			

Signs and Symptoms of Exposure
GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA.

Medical Conditions
Generally Aggravated by Exposure
PRE-EXISTING AND RESPIRATORY DISORDERS, MAY BE AGGRAVATED BY EXPOSURE.

Emergency and First Aid Procedures

MOVE TO FRESH AIR. IF SWALLOWED, DO NOT INDUCE VOMITING AND CALL PHYSICIAN. FLUSH SKIN AND EYE CONTACT WITH WATER.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled.

ELIMINATE ALL SOURCES OF IGNITION. SMALL SPILLS SHOULD BE FLUSHED WITH LARGE QUANTITIES OF WATER, LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

Waste Disposal Method

ATOMIZE INTO AN INCINERATOR WHERE PERMITTED UNDER APPROPRIATE FEDERAL, STATE, AND LOCAL REGULATIONS.

Precautions to Be taken in Handling and Storing

DO NOT TAKE INTERNALLY. FLAMMABLE LIQUID. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED.

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.**	

Section IX – Transportation Information

Ground: Refer to CFR 49 (USA), and TDG regulations (Canada)		
Shipping Name: **Isopropanol**	Hazard Class: **3**	Labels: **One Gallon: : "Flammable Liquid (3) Isopropanol UN1219"** **One Pint: "ORM-D Consumer Commodity"**
Identification Number: **UN1219**	Packing Group: **II**	

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