

SECTION V - FIRE FIGHTING MEASURES	
Fire:	Flash Point: 53 °F (12 °C) CC, Auto Ignition Temperature: 750 °F (399 °C) Flammable Limits in Air % by Volume: lcl 2.0, ucl 12.7. Listed Fire Data is for Isopropyl Alcohol (major component).
Explosion:	Above Flash Point, Vapor-Air Mixtures are Explosive within Flammable Limits noted above. Sensitive to Static Discharge. Vapors can Flow Along Surfaces to Distant Ignition Source and Flash Back. Sealed Containers may Rupture when Heated. Sensitive to Static Discharge.
Fire Extinguishing Media:	Alcohol-Resistant Foam, Dry Chemical, Foam or Carbon Dioxide. Water may be Ineffective.
Special Information:	In the Event of Fire, Wear Full Protective Clothing and NIOSH-Approved Self-Contained Breathing Apparatus with Full Facepiece Operated in the Pressure Demand or Other Positive Pressure Mode. Water may be Used to Flush Spills away from Exposures and to Dilute Spills to Non-Flammable Mixtures.
SECTION VI - ACCIDENTAL RELEASE MEASURES	
Ventilate area or Leak or Spill. Remove all Sources of Ignition. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Isolate Hazard Area. Keep Unnecessary and Unprotected Personnel from Entering. Contain and Recover Liquid when Possible. Use Non-Sparking Tools and Equipment. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer! US Regulations (CERCLA) Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable Quantities.	
SECTION VII - HANDLING AND STORAGE	
Keep in a Tightly Closed Container, Stored in a Cool, Dry, Ventilated Area. Protect against Physical Damage and where a Fire Hazard May be Acute. Storage and Use should be No Smoking Areas. Do Not Pressurize, Cut, Weld, Braze, Solder, Drill, Grind or Expose Containers to Heat, Sparks, Flame, Static Electricity or Other Sources of Ignition. Containers of this Material may be Hazardous when Empty since they Retain Product Residues.	
SECTION VIII - EXPOSURE CONTROL / PERSONAL PROTECTION	
Ventilation System:	A System of Local and/or General Exhaust is Recommended to Keep Employee Exposures below the Airborne Exposure Limits. Local Exhaust Ventilation is Generally Preferred because it can Control the Emissions of the Contaminant at its Source, Preventing Dispersion of it into The General Work Area.
Airborne Exposure Limits:	OSHA Permissible Exposure Limit (PEL) 400 ppm (TWA) ACGIH Threshold Limit (TLV) 400 ppm (TWA), 400 ppm (STEL). Isopropyl Alcohol.
Personal Respirators: (NIOSH APPROVED)	A Full-Facepiece Organic Vapor Respirator may be Worn up to 50 Times the Exposure Limit or the Maximum Use Concentration Specified by the Appropriate Regulatory Agency or Respirator Supplier, Whichever is Lowest. For Emergencies or Instances Where Exposure Levels is Not Known, Use a Full-Facepiece Positive-Pressure Air Supplied Respirator.
Skin Protection:	Wear Impervious Protective Clothing, Including Boots, Gloves, Lab Coat, Apron or Coveralls, as Appropriate, to Prevent Skin Contact. Neoprene and Nitrile Rubber are Recommended.
Eye Protection:	Use Chemical Safety Goggles and/or a Full Face Shield where Splashing is Possible. Maintain Eye Wash Fountain and Quick-Drench Facilities in Work Area.
SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance / Odor:	Clear, Amber Liquid / Slight Alcohol Like Odor
Solubility:	Miscible in Water.
Specific Gravity:	< 1.0
pH:	No Information Found.
% Volatiles by Vol.:	No Information Found.
Melting Point:	32 °F (0 °C)
Boiling Point:	180 °F (82 °C) - Isopropyl Alcohol
Vapor Density (Air=1):	2.1 - Isopropyl Alcohol
Vapor Pressure (mmHg):	44 @ 77 °F (25 °C) - Isopropyl Alcohol

SECTION X - STABILITY AND REACTIVITY																
General Reactivity:	Stable Under Ordinary Conditions of Use and Storage.															
Hazardous Decomposition:	Carbon Dioxide and Carbon Monoxide may Form when Heated to Decomposition.															
Incompatibilities:	Heat, Flame, Strong Oxidants, Silver Salts, Acid Chlorides, Alkali Metals, Oleum, Metal Hydrides, Hydrazine, and Many Other Substances.															
Hazardous Polymerization:	Will Not Occur.															
SECTION XI - TOXICOLOGICAL INFORMATION																
Carcinogenic References:	NTP Carcinogen - Known: No, IARC Category- 3 (Isopropyl Alcohol)															
SECTION XII - ECOLOGICAL INFORMATION																
Environmental Fate:	When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition.															
Environmental Toxicity:	The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.															
SECTION XIII - DISPOSAL CONSIDERATIONS																
Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.																
SECTION XIV - TRANSPORT INFORMATION																
Shipping Name:	FLAMMABLE LIQUID N.O.S. (ISOPROPYL ALCOHOL)															
Hazard Class:	3.2															
Identification No.:	UN1993, Packing Group: II															
SECTION XV - REGULATORY INFORMATION																
Chemical Inventory Status – Part 1:	<table border="0"> <tr> <td>Ingredient</td> <td>TSCA</td> <td>EC</td> <td>Japan</td> <td>Australia</td> </tr> <tr> <td>-----</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Isopropyl Alcohol (67-63-0)</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> </table>	Ingredient	TSCA	EC	Japan	Australia	-----	---	---	---	---	Isopropyl Alcohol (67-63-0)	Yes	Yes	Yes	Yes
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Chemical Weapons Convention:	No															
TSCA 12 (b):	No															
CDTA:	Yes															
SARA 311/312:	Acute: Yes Chronic: Yes Fire: Yes Pressure: No Reactivity: No (Mixture / Liquid)															
Australian Hazchem Code:	2[S]2															
Poison Schedule:	None allocated															
SECTION XVI - OTHER INFORMATION																
NFPA Rating:	HEALTH-2, FLAMMABILITY-3, REACTIVITY-0															
Disclaimer:	The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein and assume no responsibility regarding the suitability of this information for the user's intended purpose or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his/her particular purpose(s).															