



<b>INGESTION (SWALLOWING):</b>	Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause pneumonia or pulmonary edema.
<b>SIGNS AND SYMPTOMS:</b>	Ingestion may cause nausea, vomiting, stomach pains, diarrhea, coma or death
<b>CANCER:</b>	N/A
<b>TARGET ORGANS:</b>	N/A
<b>DEVELOPMENTAL:</b>	N/A
<b>OTHER COMMENTS:</b>	N/A
<b>PRE-EXISTING MEDICAL CONDITIONS:</b>	N/A

#### SECTION 4 - FIRST AID MEASURES

<b>Eyes:</b>	Immediately flush eyes with large amount of water for at least 15 minutes. Get prompt medical attention.
<b>SKIN:</b>	N/A
<b>INHALATION (BREATHING):</b>	·N/A
<b>INGESTION (SWALLOWING):</b>	·If swallowed, induce vomiting. Keep at rest. Get prompt medical attention.
<b>NOTE TO PHYSICIANS:</b>	·Keep victim warm and quiet.

#### SECTION 5 - FIREFIGHTING MEASURES

<b>FLAMMABLE PROPERTIES:</b>	Flash Point: 25.6 degree Celsius (for liquid)
	OSHA Flammability Class: 3 (for Isopropyl alcohol)
	LEL/UEL: 2.0/12.7(vol%) (for Isopropyl alcohol)
	Auto ignition Temperature: 399 degree Celsius(for Isopropyl alcohol)
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	N/A
<b>EXTINGUISHING MEDIA:</b>	Water spray , foam dry chemical or carbon dioxide
<b>FIREFIGHTING INSTRUCTIONS:</b>	<ul style="list-style-type: none"> <li>·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.</li> <li>·Either allow fire to burn under controlled conditions or extinguish with alcohol type foam or dry chemical. Try to cover liquid spills with foam.</li> <li>·Spill fires may be extinguished by flooding with large amounts of water.</li> </ul>

#### SECTION 6- ACCIDENTAL RELEASE MEASURES

<b>IF SPILLED/RELEASED:</b>	·Eliminate sources of ignition.
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**SECTION 7- HANDLING AND STORAGE**

<b>HANDLING &amp; STORAGE:</b>	<ul style="list-style-type: none"> <li>· Handle with care. Store in a cool, well-ventilated place away from incompatible materials.</li> <li>· Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.</li> <li>· This material is not a static accumulator but use proper bonding and/or grounding procedures.</li> <li>· Do not pressurize, cut, heat, or weld. Empty product packet may contain product residue.</li> </ul>
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**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>ENGINEERING CONTROLS:</b>	N/A
<b>RESPIRATORY PROTECTION:</b>	N/A
<b>SKIN PROTECTION:</b>	N/A
<b>EYE/FACE PROTECTION:</b>	N/A
<b>OTHER PROTECTIVE EQUIPMENT:</b>	

**SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES**

**Note: Unless otherwise stated, values are determined at 20 degrees Celsius (68 degrees Fahrenheit) and 760 mm Hg (1 atm)**

<b>FLASH POINT:</b>	25.6 degree Celsius (for liquid)
<b>FLAMMABLE/EXPLOSIVE LIMITS (%):</b>	LEL/UEL: 2.0/12.7 vol% (for isopropyl alcohol)
<b>AUTO IGNITION TEMPERATURE:</b>	399 degree Celsius (for isopropyl alcohol)
<b>APPEARANCE:</b>	Clear colorless
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Alcohol odor
<b>pH:</b>	Not available
<b>VAPOR PRESSURE (mm Hg):</b>	Not available
<b>BOILING POINT:</b>	Not available
<b>FREEZING/MELTING POINT:</b>	Not available
<b>SOLUBILITY IN WATER:</b>	100 wt% (for isopropyl alcohol)
<b>SPECIFIC GRAVITY:</b>	0. 85-0.88
<b>EVAPORATION RATE (nBuAc=1):</b>	Not available

**SECTION 10 - STABILITY & REACTIVITY**

<b>CHEMICAL STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	N/A
<b>INCOMPATIBLE MATERIALS:</b>	Strong Oxidizing agents, acids, acid anhydride, halogen
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	N/A
<b>HAZARDOUS POLYMERIZATION:</b>	N/A

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Oral (rat) LD50: 5045 mg/kg (for isopropyl alcohol)      Skin (rabbit): 12800 mg/kg (for isopropyl alcohol)

**SECTION 12 – ECOLOGICAL INFORMATION**

ENVIRONMENTAL MOBILITY  
 · This product is water soluble and is expected to remain primarily in water.

ENVIRONMENTAL DEGRADABILITY  
 · This product biodegrades rapidly and is “readily” biodegradable according to OECD guidelines.  
 · This substance is expected to be removed in a waste water treatment facility.

ECOTOXICITY AND BIOACCUMULATION  
 · Low acute toxicity to aquatic organisms is expected.

**SECTION 13 - DISPOSABLE CONSIDERATIONS**

This material as supplied is not hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with hazardous waste, if chemical additions are made to this material, or the material is processed or otherwise altered. Consult 40 CFR 261 to determine, whether the altered material is hazardous waste. Consult appropriate state, regional, or local regulations for additional requirements. Dispose of in accordance with local regulations.

Combination with other material may well indicate another route or disposal. If in doubt, contact the local Authorities. Care in any case should be taken to ensure compliance with national and local regulations.

**SECTION 14 - TRANSPORT INFORMATION**

Dangerous goods code:32064  
 UN code:1219  
 Packaging groups:052

**SECTION 15 - REGULATORY INFORMATION**

COMPONENT	
GOVERNING DIRECTIVE:	SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal regulations, Part, 372.  SARA 311/312 Hazard Categories Acute Health Hazard                      Yes Chronic Health Hazard                    No Fire Hazard                                    Yes Sudden Release of Pressure Hazard    No Reactive Hazard                            No

**Warning:**  
 S07/09 Keep in a well ventilated area  
 S16 Keep away from sources of ignition-No Smoking  
 S24/25 Avoid contact with wound and eyes.  
 S26 In case of contact with eyes, flush immediately with plenty of water and seek medical advice  
 S33 Take precautionary measures against static discharges  
 S43B In case of fire, use sand, earth, chemical powder or alcohol type foam

EPA (CERCLA) Reportable Quantity:

**SECTION 16 - OTHER INFORMATION**

<b>ISSUE DATE:</b>	
<b>PREVIOUS ISSUE DATE:</b>	
<b>PRODUCT CODE:</b>	
<b>DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES</b>	The product information contained in this Material Safety Data Sheet was collected from various supplier sources. All product claims and specifications are those of Cypress Medical Product LLC's suppliers and may not have been independently verified by Cypress. Cypress is not responsible for errors or omissions in, or completeness of, the product information. CYPRESS DISCLAIMS ALL WARRANTIES OF ANY KIND OR NATURE, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF THE SUITABILITY OR FITNESS OF ANY PRODUCT FOR A PARTICULAR PURPOSE