



<b>DOCUMENT NUMBER:</b>	SDS - 002
<b>DOCUMENT TITLE:</b>	Safety Data Sheet - Alcohol Prep Pad
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### Document Information

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<b>Author:</b> EJB7500	<b>Owner:</b> EJB7500
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**Document Number:** SDS - 002

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All dates and times are in Central Standard Time.

**SDS - 002**

**Change Request**

Name/Signature	Title	Date	Meaning/Reason
Debbie Vlasaty (E2MOJNV)			
Jill Early (EJB7500)		03 Jun 2015, 12:56:06 PM	Approved

**Collaboration**

Name/Signature	Title	Date	Meaning/Reason
Debbie Vlasaty (E2MOJNV)			
Jill Early (EJB7500)		03 Jun 2015, 12:57:03 PM	Complete

**Approval**

Name/Signature	Title	Date	Meaning/Reason
Jill Early (EJB7500)		03 Jun 2015, 12:57:28 PM	Approved
Debbie Vlasaty (E2MOJNV)	QA INSPECTOR II	03 Jun 2015, 02:02:12 PM	Approved

**QA Final Approval**

Name/Signature	Title	Date	Meaning/Reason
Frank Maritato (EVUXEXX)		04 Jun 2015, 09:01:41 AM	Approved



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This safety data sheet complies with the requirements of 29CFR1910.1200

**1.0 IDENTIFICATION**

**PRODUCT IDENTIFIER**

**Product Name** Alcohol Prep Pad

**OTHER MEANS OF IDENTIFICATION**

**Synonyms** None

**Other information** None

**RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE**

**Recommended use** Topical Skin Cleanser  
**Uses advised against** For Professional and Hospital Use

**DETAIL OF THE SUPPLIER OF THE SAFETY DATA SHEET (SDS)**

**Supplier Address**  
Cypress Medical Products, LLC  
1600 South Wolfe Road  
Suite 200  
Wheeling, IL 60090

**EMERGENCY TELEPHONE NUMBER**

**Company Phone Number** 1-800-777-4908  
**Emergency Telephone** Call CHEMTREC day or night  
Within USA and Canada: 1-800-424-9300

**2.0 HAZARDS IDENTIFICATION**

**CLASSIFICATION**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<b>Physical Hazards</b>	Flammable Solids	Category 1
<b>Health Hazards</b>	Serious eye damage/eye irritation	Category 2A
<b>Environmental Hazards</b>	Not determined	
<b>OSHA defined hazards</b>	None additional	



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### Label Elements

#### Pictograms



#### Signal Word

Danger

#### Hazard Statements

Flammable solid.

Causes serious eye irritation.

#### Precautionary Statements – Prevention

Keep away from heat/spark/open flames/hot surfaces.

No smoking.

Use only in a well ventilated area.

#### Precautionary Statements – Response

If case of fire: use appropriate media to extinguish.

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a poison control center.

If inhaled: remove victim to fresh air and keep comfortable for breathing.

#### Precautionary Statement – Disposal

Dispose of waste and residues in accordance with local authority requirements.

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Other information

Not know.

### 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

#### Synonyms

None

Substance: Mixture



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CHEMICAL NAME	CAS NO.	WEIGHT (%)
Isopropyl Alcohol	67-63-0	70
Purified Water	7732-18-5	30

**4.0 FIRST AID MEASURES**

**DESCRIPTION OF FIRST AID MEASURES**

<b>General Advice</b>	Keep victim warm and quiet. Monitor for systemic secondary effects on liver and kidney. Ensure that medical personnel are aware of the material (s) involved and take precautions to protect themselves.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
<b>Skin Contact</b>	In case of skin irritation, discontinue use of product. Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>Ingestion</b>	If swallowed, contact a Poison Control Center immediately. Immediately rinse mouth out with water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

<b>Symptoms</b>	May include stinging, tearing, redness, swelling and blurred vision.
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**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Provide general supportive measures and treat asymptotically.

**5.0 FIRE-FIGHTING MEASURES**



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**SUITABLE EXTINGUISHING MEDIA**

Use foam, dry chemical or carbon dioxide. Be aware of possibility of re-ignition. Keep containers and surroundings cool with water spray.

**Unsuitable extinguishing media:** None

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

During fire, gases hazardous to health may be formed.

**Explosion data**  
Sensitivity to Mechanical Impact None  
Sensitivity to Static Discharge None

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

In case of fire or explosion, do not breathe fumes. In the event of fire, use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to the fire. If a leak or spill has not ignited, use water spray to disperse the vapors.

**6.0 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

<b>Personal Precautions</b>	Wear appropriate protective equipment and clothing during clean up.
<b>Other Information</b>	Eliminate all sources of ignition.
<b>For Emergency Responders</b>	Use personal protective equipment as required. Vapors can accumulate in low areas. Consider need for evacuation.

**ENVIRONMENTAL PRECAUTIONS** Collect spillage. Prevent material from entering water courses.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**



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<b>Methods for Containment</b>	Contain and absorb using earth, sand or inert materials. Transfer into suitable containers for recovery or disposal.
<b>Methods for Cleaning up</b>	N/A

**7.0 HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

<b>Advice on Safe Handling</b>	Do not handle near open flame or heat sources. Do not use with electrocautery procedures. Use according to package label instructions. Discard after single use. Avoid inhaling vapor and contact with eyes.
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**CONDITIONS FOR SAFE STORAGE**

<b>Storage Conditions</b>	Keep container closed. Store in a cool, dry, well ventilated place. Keep away from sources of ignition.
<b>Incompatible Materials</b>	N/A

**8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**CONTROL PARAMETERS**

**Exposure Guidelines**

OSHA PEL Limits for Air contaminants	Isopropanol 980 mg/m <sup>3</sup> , 400 ppm
US ACGIH Threshold Limit Values	Isopropanol STEL 400 ppm
	Isopropanol TWA 200 ppm
US NIOSH	Isopropanol STEL 1225 mg/m <sup>3</sup> , 500 ppm
	Isopropanol TWA 980 mg/m <sup>3</sup> , 400 ppm

**Biological Limit Values**

ACGIH Biological Exposure Indices	
Isopropanol	40mg/l, Acetone, Urine

**APPROPRIATE ENGINEERING CONTROLS**

Ventilation systems. Eyewash stations. Showers.



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**INDIVIDUAL PROTECTION MEASURES, SUCH AS PPE**

<b>Eye/Face Protection</b>	Wear gear deemed necessary.
<b>Skin and Body Protection</b>	Wear gear as deemed necessary.
<b>Respiratory Protection</b>	Wear positive pressure self contained breathing apparatus (SCBA)
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not smoke. When using do not eat or drink.

**9.0 PHYSICAL AND CHEMICAL PROPERTIES**

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear, Colorless
<b>Form</b>	Pre-moistened towelette
<b>Color</b>	N/A
<b>Odor</b>	Alcohol odor
<b>Odor Threshold</b>	No information available

Property	Values	Remarks
pH (1-3% aqueous solution)	Not applicable	
Melting point/freezing point	-88.5° C	
Boiling point/boiling range	Between 82 and 83 C	
Flash point	12 C	
Evaporation rate	2.5	
Flammability (solid, gas)	Not applicable	
Flammability Limit in Air <ul style="list-style-type: none"> <li>• Upper flammability limit</li> <li>• Lower flammability limit</li> </ul>	LEL/UEL 2.0/12.7 vol %	Not Flammable
Vapor pressure	33 mmHg	
Vapor density	Not applicable	
Specific Gravity	0.785	
Water solubility	Not applicable	
Solubility in water	100%	
Partition coefficient	Not applicable	
Autoignition temperature	399 C	





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Decomposition temperature	Not applicable	
Kinematic viscosity	Not applicable	
Dynamic viscosity	Not applicable	
Explosive properties	Not applicable	
Oxidizing properties	Not applicable	
Softening point	Not applicable	
Molecular weight	Not applicable	
VOC Content (%)	Not applicable	
Density	Not applicable	
Bulk Density	0.9g/cc	

**10.0 STABILITY AND REACTIVITY**

**CHEMICAL STABILITY** Stable under normal condition of handling, use and transport.

**POSSIBILITY OF HAZARDOUS REACTIONS** None under normal processing.

**Hazardous polymerization** Does not occur.

**CONDITIONS TO AVOID** Heat, flames and sparks. Avoid temperatures exceeding flash point.

**INCOMPATIBLE MATERIALS** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS** May include but are not limited to oxides of carbon.

**11.0 TOXICOLOGICAL INFORMATION**

**INFORMATION ON LIKELY ROUTES OF EXPOSURE**

**Product Information** Available toxicological data for individual ingredients are summarized below.

**Inhalation** Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Health injuries are not known or expected under normal use.

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Not expected to be a primary skin irritant.

**Ingestion** Not applicable under normal conditions of use.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Isopropanol	5045 mg/kg	Eye 12800 mg/kg	16970



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67-63-0	(rat)	(rabbit)	mg/l/4h
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**INFORMATION ON TOXICOLOGICAL EFFECTS** No information available.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE**

<p><b>Skin corrosion/irritation</b></p> <p><b>Serious eye damage/eye irritation</b></p> <p><b>Respiratory or skin sensitization</b></p> <p><b>Sensitization</b></p> <p><b>Germ cell mutagenicity</b></p> <p><b>Carcinogenicity</b></p>	<p>Prolonged skin contact may cause temporary irritation.</p> <p>Causes serious irritation to the eye</p> <p>Not expected to cause skin sensitization.</p> <p>No sensitization responses were observed.</p> <p>Not expected to have chronic health effects.</p> <p>This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC , ACGHI or NTP.</p>
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US OSHA Specifically Regualted Substances Not listed

<p><b>Reproductivity Toxicity</b></p> <p><b>STOT- single exposure</b></p> <p><b>STOT – repeated exposure</b></p> <p style="padding-left: 20px;">Chronic Toxicity</p> <p style="padding-left: 20px;">Sub-chronic Toxicity</p> <p style="padding-left: 20px;">Neurological Effects</p>	<p>Finished product not expected to have chronic health effects.</p> <p>Narcotic effects.</p> <p>Not classified.</p> <p>No known effect.</p> <p>No known effect.</p> <p>Not applicable.</p>
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**NUMERICAL MEASURES OF TOXICITY** Not available.

**12.0 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Isopropanol 67-63-0	IC 50 100mg/L, 72 hours	LC 50 Bluegill > 1400 ml/l, 96 hours	EC 50 13299 mg/L: 72 h Daphnia magna

<p><b>Persistence and degradability</b></p> <p><b>Bioaccumulation</b></p> <p style="padding-left: 20px;">Partition coefficient n-octanol/water (log Kow)</p> <p><b>Mobility</b></p> <p><b>Other adverse effects</b></p>	<p>No data available.</p> <p>No data available.</p> <p>Isopropanol 0.05</p> <p>No data available.</p> <p>None expected.</p>
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**13.0 DISPOSAL CONSIDERATIONS**



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**WASTE TREATMENT METHODS**

**DISPOSAL OF WASTE**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/containers in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 61).

Contaminated packaging

Following warning label.

**State of California Hazardous Waste Status**

Isopropanol (67-63-0) Listed

**14.0 TRANSPORT INFORMATION**

**NOTE: THIS MATERIAL IS NOT SUBJECT TO REGULATION AS A DANGEROUS GOOD.**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated. European requirement only.
<b>AND</b>	Not regulated. European requirement only.

**15.0 REGULATORY INFORMATION**

**INTERNATIONAL INVENTORIES**

**OSHA Specifically regulated substances** Not listed

**LEGEND**

- TSCA** – United States Toxic Substances Control Act Section 8b Inventory
- DSL/NDL** – Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** – European Inventory of Existing chemical Substances/European List of Notified Chemical
- ENCS** – Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** – Phillipines Inventory of Chemicals and Chemical Substances
- AICS** – Australian Inventory of Chemical Substances

**US FEDERAL REGULATION**



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**SARA**

**Hazard categories**  
 Immediate Hazard – Yes  
 Delayed Hazard – No  
 Fire Hazard – Yes  
 Pressure Hazard – No  
 Reactivity Hazard - No

**SARA 302 Extremely Hazardous Substances** No

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**SARA 313 (TRI Reporting)**

Isopropanol (67-63-0) 40-70% by weight

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**FDA** Regulated as a drug.

**CERCLA** Isopropanol (67-63-0) Listed

**US STATE REGULATIONS**

**CALIFORNIA PROPOSITION 65**

This product does not contain any Proposition 65 chemicals.

**US RIGHT TO KNOW REGULATIONS**

Isopropanol (67-63-0) Listed California (Hazardous Substances (Director’s), Illinois, Louisiana, Minnesota, New Jersey, Massachusetts, Pennsylvania, Rhode Island

Country(s) of Origin United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory On inventory? Yes



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**US EPA LABEL INFORMATION**

Not applicable.

**16.0 OTHER INFORMATION**

**NFPA**

Health Hazards	1
Flammability	3
Reactivity/Instability	0

**HMIS**

Health Hazards	1
Flammability	3
Physical Hazards	0
Personal Protection	X

**Prepared by**

Cypress Medical Products, LLC Quality Assurance

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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