



# Safety Data Sheet

## 1) Identification of Material and Manufacturer

<b>Product Name</b>	Chlorhexidene 2%
<b>Product Use(s)</b>	Disinfectant
<b>Manufacturer/Seller</b>	Soft Jamb Company <b>Manufactured For CSR Company, Inc.</b>
<b>Address</b>	6298 Mt. Pinos Ct. Alta Loma, CA 91701, United States
<b>Emergency Telephone</b>	Chemtrec 800.424.9300
<b>Contact; E-mail</b>	steve@softjamb.com

## 2) Hazards Identification

- a) **Classification:** Solution is non-hazardous.
- b) **Signal Words:** None  
**Hazard Statements:** Mild irritant as concentrate  
**Precautionary Statements:** Wash hands after use.
- c) **Unclassified Hazards:** None

## 3) Composition Information

Ingredient	CAS	Other Identifier	Concentration
Isopropyl Alcohol	67-63-0	200-661-7	1% - 2% w/w
Chlorhexidine digluconate	18472-51-0	242-354-0	2% w/w

## 4) First Aid Measures

<b>Inhalation</b>	Move victim to fresh air. Seek medical attention if breathing is distressed.
<b>Skin Contact</b>	Not Harmful. Wash exposed area thoroughly with soap and water.
<b>Eye Contact</b>	Immediately flush eyes with water, remove contacts if present, flush with water again. Seek medical attention if irritation persists.
<b>Ingestion</b>	Not harmful in normal quantities. Seek medical attention if more than one gallon is ingested



### 5) Firefighting Measures

<b>Extinguishing Media</b>	Water, carbon dioxide, or foam
<b>Special Hazards</b>	None
<b>Additional Information</b>	Firefighter should wear self-contained breathing apparatus, if possible.

### 6) Accidental Release Measures

<b>In case of spill, leak, or release</b>	Use absorbent. Collect in appropriate containers. Wash contaminated water into dedicated drain.
<b>Method of waste disposal</b>	Follow all local, municipal, state, and federal guidelines, if in the United States of America. For all other countries, consult local, regional, or country regulations as applicable to a non-hazardous product.

- *This material is non-hazardous.*

### 7) Handling and Storage

<ul style="list-style-type: none"> <li>• Store in cool, dry location</li> </ul>	<ul style="list-style-type: none"> <li>• Protect from heat, light, moisture</li> </ul>	<ul style="list-style-type: none"> <li>• Use good personal hygiene</li> </ul>
<ul style="list-style-type: none"> <li>• Wash with soap and water</li> </ul>	<ul style="list-style-type: none"> <li>• Safety glasses or goggles should be worn</li> </ul>	<ul style="list-style-type: none"> <li>• Keep containers sealed</li> </ul>

### 8) Exposure Controls and Personal Protection

<b>Chlorhexidine digluconate</b>	<b>OSHA PEL</b>	None Established
	<b>ACGIH TLV</b>	None Established
<b>Isopropyl Alcohol</b>	<b>OSHA PEL</b>	200 ppm (TWA); 400 ppm (STEL)
	<b>ACGIH TLV</b>	400 ppm (TWA); 500 ppm (STEL)

<b>Engineering Controls</b>	Use adequate ventilation from mechanical source to control airborne exposure.
<b>Personal Protection</b>	<ul style="list-style-type: none"> <li>• None required</li> <li>• This product does not present an exposure threat</li> </ul>

Chlorhexilube

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## 9) Physical and Chemical Properties

Appearance	Blue liquid	Flash Point	Non-Flammable
Odor	None	Est. Explosive Range Limit	LEL/UEL - Not Available
Odor Threshold	Not Applicable	Flash Point Method Used	Not Applicable
pH	6 - 8	Partition Coefficient	Not Available
Melting Point	Not Applicable	Specific Gravity	1.0
Boiling Point	100 C	Viscosity	Not Available
Vapor Pressure	Not Available	Explosive Properties	Not Explosive
Evaporation Rate	Not Available	Oxidizing Properties	Not an Oxidizer
Solubility in Water	Complete	Other Information	None

## 10) Stability and Reactivity Data

Chemical Stability	Stable
Conditions to Avoid	High heat, strong oxidizers, reducing agents
Incompatibility	High heat, strong oxidizers, reducing agents
Hazardous Polymerization	Will not occur
Hazardous Decomposition	Will not occur

## 11) Toxicology Information

Chlorhexidine digluconate	LD <sub>50</sub> (oral, rat)	2000 mg/kg
	LD <sub>50</sub> (oral, mouse)	1260 mg/kg
Isopropyl Alcohol	LD <sub>50</sub> (oral, rat)	5045 mg/kg
	LD <sub>50</sub> (inhalation, rat, 8h)	16000 ppm
	LD <sub>50</sub> (dermal, rabbit)	12800 mg/kg

- *Not considered orally toxic except with extreme intake levels.*
- *Not considered a skin corrosive or irritant under normal exposure.*
- *May cause eye irritation as evidenced by pain, redness and tearing of eyes.*
- *May be irritating to respiratory tract under normal conditions.*
- *Avoid breathing mist.*
- *Increased nasal mucous membrane production and increased tears in eyes may occur upon breathing mist.*
- *Germ cell mutagenicity has not been conducted for this material.*
- *This product does not contain any known carcinogens.*
- *This product does not cause reproductive toxicity.*

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## 12) Ecological Information

<b>Toxicity</b>	Not toxic to environment under U.S. EPA regulations.
<b>Persistence/Degradation in Environment</b>	Expected to completely degrade under typical circumstances under U.S. EPA standards.
<b>Bioaccumulation</b>	Does not accumulate under U.S. EPA standards.
<b>Mobility in Soil</b>	Not studied.

## 13) Disposal

- *Under applicable U.S. Environmental Protection Agency regulations this material is not considered to be environmentally hazardous in regards to waste disposal.*
- *Follow all local, municipal, U.S. state, and U.S. federal regulations if in the United States of America.*
- *For other countries consult your local, area, or country regulatory authority as applicable to a non-hazardous product.*

## 14) Transportation and Shipping

<b>Americas Region</b>	Not classified as hazardous by DOT for ground shipping
<b>Proper Shipping Name</b>	Not classified
<b>U.N. Number</b>	Not classified as hazardous
<b>International</b>	Follow U.N. recommendations in <i>The Transport of Dangerous Goods</i> (17th ed. rev.)
<b>Ocean</b>	Follow IMO International Maritime Dangerous Goods Code
<b>Air</b>	Follow IATA Dangerous Goods Regulation

## 15) Regulatory Information

Hazardous Compound Register Listed			SARA Section 312 Hazardous Categories		
<b>CERCLA Sec. 103 RQ#</b>	NO	<b>EHS 302 TPQ</b>	NO	<b>Immediate (acute) Health Hazard</b>	NO
<b>RCRA Sec. 261.33</b>	NO	<b>TSCA Listed?</b>	YES	<b>Delayed (chronic) Health Hazard</b>	NO
<b>SARA Sec. 261.33 RQ#</b>	NO	<b>EPA Special Hazard</b>	NO	<b>Fire Hazard</b>	NO
<b>SARA 312 Name List</b>	NO	<b>CA Prop 65</b>	NO	<b>Reactivity Hazard</b>	NO
<b>SARA 313 Name List</b>	NO	<b>REACH Listed?</b>	NO	<b>Sudden Release of Pressure</b>	NO

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## 16) Other Information

*The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.*

### RESOURCES:

United States Environmental Protection Agency  
 United States Occupational Health and Safety Administration  
 United States Department of Transportation  
 United State Drug Enforcement Administration  
 United Nations "Transport of Dangerous Goods" 17<sup>th</sup> Edition, 2011  
 International Maritime "Dangerous Goods Code"  
 International Air Transportation Association "Dangerous Goods Regulation"

### TERMINOLOGY:

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>RCRA</b>	Resource Conservation and Recovery Act
<b>CA</b>	State of California, U.S.A.	<b>REACH</b>	Registration, Evaluation, Authorization and Restriction of Chemicals
<b>CAS</b>	Chemical Abstract Services	<b>SARA</b>	Superfund And Reauthorization Act
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act	<b>TLV</b>	Threshold Limit Value
<b>EHS</b>	Environmental Health and Safety	<b>TPQ</b>	Threshold Planning Quantity
<b>HEPA</b>	High Efficiency Particulate Air	<b>TSCA</b>	Toxic Substances Control Act
<b>LEL</b>	Lower Explosive Limit	<b>UEL</b>	Upper Explosive Limit
<b>LD<sub>50</sub></b>	Lethal dose for 50% of population	<b>UN</b>	United Nations
<b>MSHA</b>	Mine Safety Health Administration	<b>IATA</b>	International Air Transport Association
<b>NIOSH</b>	National Institute of Occupational Safety and Health	<b>EPA</b>	Environmental Protection Agency
<b>OSHA</b>	Occupational Safety and Health Administration	<b>DoT</b>	Department of Transportation
<b>PEL</b>	Permissible Exposure Limits	<b>IMO</b>	International Maritime Organization

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