



# Safety Data Sheet

## 1) Identification of Material and Manufacturer

<b>Product Name</b>	Iodine Wound Spray 1%
<b>Product Use(s)</b>	Anti-microbial
<b>Manufacturer/Seller</b>	Soft Jamb Company Manufactured For CSR Company, Inc.
<b>Address</b>	6298 Mt. Pinos Ct. Alta Loma, CA 91701, United States
<b>Emergency Telephone</b>	Chemtrec 800.424.9300
<b>E-mail</b>	steve@softjamb.com

## 2) Hazards Identification

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

## 3) Composition Information

Ingredient	CAS	Other Identifier	Concentration
Nonylphenoxy polyethanol-iodine complex	11096-42-7	None	1% 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>	Wash exposed area with soap and water. Seek medical attention if irritation persists.
<b>Eye Contact</b>	Immediately flush eyes with water, remove contacts if present, flush with water for another 10 minutes. Seek medical attention if irritation persists.
<b>Ingestion</b>	Do not induce vomiting. Give victim large quantities of milk or water and seek immediate medical attention.



## 5) Firefighting Measures

<b>Extinguishing Media</b>	Water, carbon dioxide, or foam
<b>Special Hazards</b>	May produce iodine fumes
<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>	Dilute with water. Neutralize iodine with sodium metabisulfite or sodium thiosulfate with soda ash. Use clay absorbent.
<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.*
- *Liquid material may be placed in appropriate containers and disposed of in accordance with applicable governmental agencies for your location.*
- *Remaining residues may be washed to drain if allowable by law.*

## 7) Handling and Storage

<ul style="list-style-type: none"> <li>• Store in cool, dry location away from chlorinated compounds</li> </ul>	<ul style="list-style-type: none"> <li>• Protect from heat, light, moisture</li> </ul>	<ul style="list-style-type: none"> <li>• Must use with adequate ventilation</li> </ul>
<ul style="list-style-type: none"> <li>• Chemical resistant gloves must be worn</li> </ul>	<ul style="list-style-type: none"> <li>• Safety glasses or goggles must be worn</li> </ul>	<ul style="list-style-type: none"> <li>• Wash hands thoroughly, immediately before and after use</li> </ul>
<ul style="list-style-type: none"> <li>• Wash with soap and water</li> </ul>	<ul style="list-style-type: none"> <li>• Do not use waterless hand cleaners</li> </ul>	<ul style="list-style-type: none"> <li>• Use good personal hygiene</li> </ul>

## 8) Exposure Controls and Personal Protection

Alpha-(p-nonylphenyl)-omega-hydroxypoly(oxyethylene iodine complex)	<b>OSHA PEL</b>	Not Established
	<b>ACGIH TLV</b>	Not Established

<b>Engineering Controls</b>	Use adequate ventilation to control airborne mist exposure.
<b>Personal Protection</b>	<ul style="list-style-type: none"> <li>• Wear OSHA-approved respirator with a HEPA cartridge or equivalent.</li> <li>• Wear chemical resistant gloves based on nitrile, neoprene, or rubber construction.</li> <li>• Wear safety glasses with side shields, or goggles.</li> <li>• Wear body protection to avoid skin contact.</li> </ul>

Iodine Wound Spray

Prepared by: M. Buffa, Scientific Consultant

2 Revised 05/01/2016



## 9) Physical and Chemical Properties

Appearance	Dark brown liquid	Flash Point	400 C
Odor	Iodine	Est. Explosive Range Limit	LEL\UEL - Not Available
Odor Threshold	Not Available	Flash Point Method Used	Not Available
pH	4.5 – 5.2	Partition Coefficient	Not Available
Melting Point	Not Applicable	Decomposition Temperature	Not Available
Boiling Point	100 C	Specific Gravity	1.012 @ 25 C
Vapor Pressure	Not Available	Explosive Properties	Not Explosive
Evaporation Rate	Not Available	Oxidizing Properties	Not an Oxidizer
Solubility in Water	Complete	Other Information	Contains Iodine

## 10) Stability and Reactivity Data

Chemical Stability	Stable
Conditions to Avoid	Spark, flame, high heat, oxidizing agents, chlorinated compounds
Incompatibility	Spark, flame, high heat, oxidizing agents, chlorinated compounds
Hazardous Polymerization	Will not occur
Hazardous Decomposition	May release toxic iodine fumes when exposed to high heat.

## 11) Toxicology Information

Nonylphenoxy polyethanol-iodine complex - 1%	LD <sub>50</sub> (oral, mouse)	Not Available
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- **Not considered orally toxic except with extreme intake levels.**
- **Not considered a skin corrosive or irritant under normal exposure.**
- **After abnormal exposure levels, or prolonged exposure, skin may become irritated and demonstrate redness, pain, dryness and itching.**
- **Will cause eye irritation as evidenced by pain, redness and tearing of eyes.**
- **Will 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.**
- **Note: Persons with shellfish allergies should never use or handle this product.**

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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. rec's 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

Regulated Compound Registry Status			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



## 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