Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

IDENTITY (As Used on Label and List)
7.5% Povidone Iodine Scrub Solution

Section I
Manufacturer's Name
H & P Industries, Inc.
Address (Number, Street, City, State, and ZIP Code)
9630 South 60th Street
Franklin, WI 53132

Emergency Telephone Number
414-421-3300
Telephone Number for Information
414-421-3300
Date Prepared
2/15/93
Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity; Common Name(s))
OSHA PEL ACGIH TLV Other Limits Recommended % (optional)

Povidone Iodine Powder None Established
Poly (Oxy-1,2-Ethanediyl), Alpha-Sulfo-Omega None Established
(Nonylphenoxy), Ammonium Salt

Section III — Physical/Chemical Characteristics
Property
Boiling Point
Vapor Pressure (mm Hg.)
Vapor Density (AIR = 1)
Solubility in Water
Appearance and Odor
Specific Gravity (H2O = 1)
Melting Point
Evaporation Rate

>200°F
None Established
None Established
Soluble
Red/Brown liquid with Iodine odor
1.025
N/A

Section IV — Fire and Explosion Hazard Data
Flash Point (Method Used)
Extinguishing Media
Flammable Limits
Water Fog, foam, CO2, or dry chemical
LEL
NA
UEL
NA

Unusual Fire and Explosion Hazards
None

(Reproduce locally)
Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Excessive heat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incompatibility (Materials to Avoid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strong Oxidizers &amp; Reducers</td>
</tr>
<tr>
<td>Hazardous Decomposition or Byproducts</td>
</tr>
<tr>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/A</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

Chronic over exposure may induce hyperthyroidism

Acute over exposure may cause severe hypernatremia and acidosis as well as increased serum iodine levels

Carcinogenicity:

- NTP: NA
- IARC Monographs: NA
- OSHA Regulated: NA

Signs and Symptoms of Exposure

Medical Conditions

Generally Aggravated by Exposure

This product is generally recognized as safe as a topical antimicrobial agent. Overexposure to deep cuts or wounds may reflect iodine overexposure.

Emergency and First Aid Procedures

Eyes: Immediately flush eyes with water for 15 minutes if irritation persists consult doctor.

Skin: If irritated wash with soapy water. Ingestion: If swallowed consult physician

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Absorb spilled material and dispose of in accordance with local, state and federal regulations:

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Store at room temperature

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

<table>
<thead>
<tr>
<th>Normal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Ventilation</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Protective Gloves

| NA |

Eye Protection

| Eye Wash — wash with water if contact |

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

Good hygienic work practices