



## Microdine™

Antiseptic and Skin Protectant

Microdine is a hand sanitizing and skin protectant solution. It cleans, disinfects, and temporarily protects the skin from chaffing and cracking, while providing persistent antimicrobial activity. Microdine is a blend of 5-10% Povidone Iodine, an active antiseptic, 0.5% Allantoin, an active skin protectant, and other preservatives and detergents which are blended into a single emulsion that cleanses the skin and inhibits cross-contamination of germs.

<b>Drug Facts</b>	
<b>Active Ingredients</b>	<b>Purpose</b>
PVP Iodine ≥5.0%	Antiseptic Handwash
Allantoin 0.5%	Skin Protectant
<b>Indications</b>	
<ul style="list-style-type: none"> <li>• For handwashing to reduce bacteria on the skin after assisting ill persons or before contact with a person under medical care or treatment.</li> <li>• Helps prevent and temporarily protects chafed, chapped, or cracked skin.</li> <li>• Recommended for repeated use.</li> </ul>	
<b>Warnings</b>	
<b>For external use only.</b>	
When using this product:	
<ul style="list-style-type: none"> <li>• Avoid contact with the eyes.</li> <li>• Keep away from face and mouth to avoid breathing it</li> <li>• In some skin conditions, soaking too long may overdry</li> <li>• To avoid slipping, use mat in tub or shower</li> <li>• Discontinue use if irritation or redness develops.</li> </ul>	
Do not use on:	
<ul style="list-style-type: none"> <li>• Deep or puncture wounds</li> <li>• Animal bites</li> <li>• Serious burns</li> </ul>	
Stop use and ask a doctor if:	
<ul style="list-style-type: none"> <li>• Condition worsens</li> <li>• Symptoms last more than 7 days or clear up and occur again within a few days</li> </ul>	
<b>Directions</b>	
<ul style="list-style-type: none"> <li>• Remove jewelry from hands</li> <li>• Wash and dry hands with a pH neutral soap</li> <li>• Place a dime-sized amount of product in one hand. Spread on both hands and rub into the skin until dry (approximately 1 to 2 minutes).</li> <li>• Rinse hands thoroughly</li> <li>• Repeat 3 to 4 times daily or as needed</li> <li>• Not recommended for use by children under 6</li> </ul>	
<b>Other Information</b>	
<ul style="list-style-type: none"> <li>• Store in cool, dry place.</li> <li>• May discolor certain fabrics or surfaces</li> </ul>	
<b>Questions?</b>	
877-710-6958	<a href="http://www.microdine.com">www.microdine.com</a>
<b>Inactive Ingredients</b>	
Beeswax Acid, Benzethonium Chloride, Cetyl Alcohol, Dimethyl Distearyl Ammonium Chloride, Glycerol Monolaurate, Methylidibromo Glutaronitrile, Octoxynol-9, Poly Quaternium-7, Propylene Glycol, PVP, Pyrrolidone Carboxylic Acid, Sclerotium Gum, Stearic Acid, Tetrasodium EDTA, Triethanolamine, Water (Aqua)	

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration  
(Non-Mandatory Form)

**(M.S.D.S.) MATERIAL SAFETY DATA SHEET**

May be used to comply with OSHA's Hazard  
Communications Standard 29 CFR 1910.1200

(Standard must be consulted for specific requirements)

**I. IDENTIFICATION:**

<b>Manufacturer:</b>	DRSS Global, LLC
<b>FDA Registered:</b>	NDC 65123-761
<b>Product:</b>	MicroDine™ Hand Scrub
<b>Distributed By:</b>	DRSS Global, LLC, Southlake, Texas 76092 (877) 710-6958
<b>Common Name:</b>	Antiseptic & Skin Protectant
<b>Chemical Characteristics:</b>	Oil and water emulsion
<b>Active Ingredients:</b>	≥5.0% Povidone Iodine 0.5% Allantoin

**II. HAZARDOUS INGREDIENTS:** None

**III. PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 212°F	<b>Specific Gravity (water=1):</b> 0.92 ± 0.04
<b>Vapor Pressure:</b> N/A	<b>Melting Point:</b> N/A
<b>Vapor Density:</b> N/A	<b>Evaporation Rate:</b> <1
<b>Solubility in Water:</b> Not soluble	<b>Appearance and Odor:</b> reddish brown, mild citrus iodine

**IV. FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point:</b> Not known	<b>Flammable Limits:</b> N/A
<b>Extinguishing Media:</b> In rare case of fire, use normal extinguishing media.	

**V. REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> None known
<b>Materials to Avoid:</b> None known	<b>Hazardous Decomposition or Byproducts:</b> N/A
<b>Hazardous Polymerization:</b> Will not occur	

**VI. HEALTH HAZARD DATA**

**Routes of Entry:** *Inhalation* - unlikely. *Skin* - not hazardous. *Ingestion* - unlikely.  
**Health Hazards (acute or chronic):** None. *Avoid rubbing in eyes. May cause stinging, discomfort.*  
**Carcinogenicity:** *NTP* - No. *IARC Monographs* - No. *OSHA Regulated* - No.  
**Signs and Symptoms of Exposure:** No adverse effects anticipated.  
**Medical Conditions Generally Aggravated by Exposure:** None known.  
**Emergency and First Aid Procedures:** Discontinue if irritation develops

**VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to Be Taken In Case Material Is Spilled:** Mop up and dispose of according to Local, State and Federal Regulations.  
**Waste Disposal Method:** Flush with water-dispose of accordingly.  
**Precautions to Be Taken In Handling and Storing:** Avoid contact with eyes.  
**Other Precautions:** None

**VIII. CONTROL MEASURES**

<b>Respiratory Protection:</b> No	<b>Ventilation:</b> No
<b>Protective Gloves:</b> No	<b>Eye Protection:</b> No
<b>Work/Hygienic Practices:</b> No	<b>Other Protective Clothing or Equipment:</b> No

**IX. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

**Warning:** DO NOT TAKE INTERNALLY