

**THE TRIAD GROUP**

19355 Janacek Court  
Brookfield, Wisconsin 53045  
Phone: 262-641-1500  
Fax: 262-641-1428  
Emergency: 262-641-1500

**ISSUE DATE: 1 January 2004**

**PRODUCT: 10% Povidone Iodine Prep & Whirlpool Solution, Swabsticks & Prep Pad**

**SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS</b> (Specific Chemical Identity; Common Name(s))	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>	<b>%</b>
<b>Povidone Iodine</b>	<b>Not Established</b>			<b>10%</b>

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

<i>Boiling Point:</i>	> 200° F
<i>Vapor Pressure (mm Hg.):</i>	Not established
<i>Vapor Density (AIR = 1):</i>	Not established
<i>Specific Gravity (H<sub>2</sub>O = 1):</i>	1.025
<i>Melting Point:</i>	NA
<i>Evaporation Rate (Butyl Acetate = 1):</i>	> 1
<i>Solubility in Water:</i>	Soluble
<i>Appearance and Odor:</i>	Reddish brown liquid with iodine odor

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA****NFPA = 0**

<i>Flash Point (Method Used):</i>	Non-flammable >210° F
<i>Flammable Limits:</i>	NA
<i>LEL:</i>	NA
<i>UEL:</i>	NA
<i>Extinguishing Media:</i>	NA
<i>Special Fire Fighting Procedures:</i>	Wear appropriate breathing apparatus and eye protection. Vapors may cause eye and skin irritation.
<i>Unusual Fire and Explosion Hazards:</i>	NA

## SECTION V – REACTIVITY DATA

NFPA = 1

### STABILITY

*Unstable:* No

*Stable:* Yes

*Conditions to Avoid:* Excessive heat

*Incompatibility (Materials to Avoid):* Oxidizers and unsaturated organic compounds

*Hazardous Decomposition or Byproducts:* NA

### HAZARDOUS POLYMERIZATION

*May Occur:* No

*Will Not Occur:* Yes

*Conditions to Avoid:* NA

## SECTION VI – HEALTH HAZARD DATA

NFPA = 1

### ROUTE(S) OF ENTRY

*Inhalation?* NA

*Skin?* Yes

*Ingestion?* Yes

*Health Hazards (Acute and Chronic):* Skin: severe hypernatremia and acidosis have been noted along with increased serum iodine levels.

Ingestion: fatal in large quantities. Rat – LD<sub>50</sub> 3.5 ml/kg – increase in serum iodine levels.

### CARCINOGENICITY

*NTP?* NA

*IARC Monographs?* NA

*OSHA Regulated?* NA

*Signs and Symptoms of Exposure:* NA

*Medical Conditions Generally Aggravated by Exposure:* High thyroxine levels may be increased in patients. People with allergic reactions to iodine will have increased skin irritation and swelling.

*Emergency and First Aid Procedures:* With eye contact, flush with copious amounts of water. If irritation persists, contact doctor. If swallowed, get medical attention immediately. In case of skin irritation, flush with soapy water.

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

*Steps to be Taken in Case Material is Released or Spilled:* Do not wash large spills into sewers without prior local regulatory consent. Spills may be absorbed and then disposed in compliance 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:* Keep containers closed tightly at room temperature.

*Other Precautions:* Avoid prolonged contact or pooling with skin. Vapors from excessive amounts of solution may cause eye irritation.

## SECTION VIII– CONTROL MEASURES

*Respiratory Protection (Specify Type):* Normal

### VENTILATION

*Local Exhaust:* No  
*Mechanical (General):* No  
*Special:* NA  
*Other:* NA

*Protective Gloves:* Not needed under normal conditions  
*Eye Protection:* NA  
*Other Protective Clothing or Equipment:* NA  
*Work / Hygienic Practices:* Good hygienic work practice.