

**TRIAD DISPOSABLES**  
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**ISSUE DATE:** 1 November 1999  
**PRODUCT:** Triadine 10% Povidone Iodine Prep & Whirlpool Solution, Swabstick & Prep Pad

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

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%
Povidone Iodine		Not Established		10%

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

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

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**NFPA = 0**

Flash Point (Method Used):	Non-flammable >210° F
Flammable Limits:	NA
LEL:	NA
UEL:	NA
Extinguishing Media:	NA
Special Fire Fighting Procedures:	Wear appropriate breathing apparatus and eye protection. Vapors may cause eye and skin irritation.
Unusual Fire and Explosion Hazards:	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 – LD50 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

<i>Local Exhaust:</i>	No
<i>Mechanical (General):</i>	No
<i>Special:</i>	NA
<i>Other:</i>	NA

*Protective Gloves:* Not needed under normal conditions

*Eye Protection:* NA

*Other Protective Clothing or Equipment:* NA

*Work / Hygienic Practices:* Good hygienic work practice.