

TRIAD DISPOSABLES

600 Perkins Drive
Mukwonago, Wisconsin 53149
Phone: 262-363-6900
Fax: 262-363-6933
Emergency: 262-363-6900

ISSUE DATE: 1 November 1999
PRODUCT: 7.5% Povidone Iodine Scrub Solution & Swabsticks

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	%
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Povidone Iodine Powder				None established
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SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: > 200° F
Vapor Pressure (mm Hg.): None established
Vapor Density (AIR = 1): None established
Specific Gravity (H₂O = 1): 1.025
Melting Point: NA
Evaporation Rate (Butyl Acetate = 1): None established
Solubility in Water: Soluble
Appearance and Odor: Red/brown liquid with iodine odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA
Flammable Limits: NA
LEL: NA
UEL: NA
Extinguishing Media: Water fog, foam, CO₂, or dry chemical
Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

SECTION V – REACTIVITY DATA

Stability

Unstable: No
Stable: Yes
Conditions to Avoid: Excessive heat

Incompatibility (Materials to Avoid): Strong oxidizers & reducers

Hazardous Decomposition or Byproducts: NA

Hazardous Polymerization

May Occur: No
Will Not Occur: Yes
Conditions to Avoid: NA

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry

Inhalation? NA
Skin? Yes
Ingestion? Yes

Health Hazards (Acute and Chronic): Chronic overexposure may induce hyperthyroidism. Acute overexposure may cause severe hyponatremia and acidosis, as well as increased serum iodine levels.

Carcinogenicity

NTP? NA
IARC Monographs? NA
OSHA Regulated? NA

Signs and Symptoms of Exposure: NA

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 a doctor. Skin: If irritated, wash with soapy water. Ingestion: If swallowed, consult a doctor. **DO NOT INDUCE VOMITING!!**

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): Normal

Ventilation

<i>Local Exhaust:</i>	No
<i>Mechanical (General):</i>	Yes
<i>Special:</i>	None
<i>Other:</i>	None

Protective Gloves: NA

Eye Protection: Eye wash – wash with water if contact occurs.

Other Protective Clothing or Equipment: None

Work / Hygienic Practices: Good hygienic work practices.

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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

<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 (H₂O = 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 – 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.