

Material Safety Data Sheet

Product Name: Povidone Iodine Solution 10%

Section 1-Product Information

Product Code: POVID-IODINE

Product Name: POVIDONE-IODINE SOLUTION 10%

Chemical Family: Compound

Section 2-Composition, Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. POVIDONE-IODINE	NA	10.0 %
OSHA PEL	ACGIH TLV	
1. No data.	No data.	

Section 3-Hazards Identification

Emergency Overview

No data available.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

Potential Health Effects (Acute and Chronic)

NE

Carcinogenicity: NTP? N.A. , IARC Monographs? N.A. , OSHA Regulated? N.A.

Carcinogenicity/Other Information

No data available.

Recommended Exposure Limits

NE

Signs and Symptoms Of Exposure

NE

Medical Conditions Generally Aggravated By Exposure

Sensitivity to Iodine

Section 4-First Aid Measure

Emergency and First Aid Procedures

EYES: Flush with large volumes of water. Call physician if irritation persists.

INGESTION: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control Center. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove patient to fresh air.

IF ON SKIN: Wash with soap and water. Consult physician if irritation persists.

Note to Physician

No data available.

Section 5-Fire fighting procedure

Flash Pt: N.A.

Method Used: No data.

Explosive Limits: LEL: NE UEL: NE

Extinguishing Media

Aqueous solution: may use dry chemical or water spray/fog

Fire Fighting Instructions

Firefighters should be equipped with SCBA and protective clothing when fighting all fires involving chemicals.

Flammable Properties and Hazards

None Known

Hazardous Combustion Products

No data available.

Section 6-Accidental Release Measure

Steps To Be Taken In Case Material Is Released Or Spilled

Soak up spills with inert absorbent; shovel into waste containers.

Section 7-Handling and Storage

Hazard Label Information:

Where splashing is possible, full che

Precautions To Be Taken in Handling

Store in cool, well ventilated area. Avoid freezing.

Precautions To Be Taken in Storing

No data available.

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

Section 8-Exposure control/Personal protection

Respiratory Equipment (Specify Type)

SCBA, for fire fighting

Eye Protection

safety glasses

Protective Gloves

rubber

Other Protective Clothing

sufficient to protect from splashes if exposure likely

Engineering Controls (Ventilation etc.)

Local Exhaust: use adequate ventilation

Special:

Mechanical (Gen):

Other:

Work/Hygienic/Maintenance Practices

Wash hands before eating, smoking, or using restroom.

Section 9-Physical Chemical Properties

Solubility Notes

soluble

Physical States: Gas , Liquid , Solid

Boiling Point: 202.00 F

Melting Point: N.A.

Specific Gravity (Water = 1): 1.10

Density: No data.

Vapor Pressure (vs. Air or mm Hg): N.A.

Vapor Density (vs. Air = 1): >1

Evaporation Rate (vs Butyl Acetate=1): <1

Solubility in Water: 100%

Percent Volatile: N.A.

Saturated Vapor Concentration: No data.

Viscosity: No data.

pH: NE

Appearance and Odor

Clear, dark brown liquid; slight halogen odor

Section 10-Stability and Reactivity

Stability: Unstable Stable

Conditions To Avoid - Instability

high heat

Incompatibility - Materials To Avoid

Strong oxidizing or reducing agents

Hazardous Decomposition Or Byproducts

In fire: ammonical vapors, iodine compounds

Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Polymerization

will not occur

Section 11-Toxicity Information

No data available.

Section 12-Ecological Information

DOT Proper Shipping Name

No data available.

DOT Hazard Label: None

UN/NA Number: No dat

Additional Transport Information

No data available.

Section 13-Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14-Transport Information

DOT Proper Shipping Name

No data available.

DOT Hazard Label: None

UN/NA Number: No dat

Additional Transport Information

No data available.

Section 15-Regulatory Information

No data available.

Section 16-Additional Information

References: Not available.

Other Special Considerations: Not available.

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