SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: PVP Prep Solution USP 10% Povidone Iodine
MFR #: 034, 035, 036, 039

RECOMMENDED USE: Broad spectrum topical antiseptic
USES ADVISED AGAINST: No information available

DISTRIBUTED BY: McKesson Medical-Surgical Inc.
9954 Mayland Drive, Suite 4000
Richmond, VA 23233

INFORMATION LINE: 1-800-777-4908 Monday – Friday 8:00 a.m. – 6:00 p.m. EST

EMERGENCY PHONE: 1-800-451-8346 (3E Company) Day or Night

SECTION 2: HAZARDOUS INGREDIENTS

Classification
This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Hazard identifier	Category
Skin Sensitization	1B

GHS label elements, including precautionary statements
This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency overview

Signal Word

Not available

Appearance: Reddish brown liquid **Physical state:** Viscous Liquid **Odor:** Iodine Characteristic

Eyes:

- Overexposure may cause irritation.

Inhalation:

- Overexposure may cause headache, fatigue, and / or loss of coordination.

Storage:

- Do not store at temperatures above 40°C (104°F).
- Normal storage conditions: 68 – 77° C

Disposal:

- Dispose of in accordance with all current Federal, state, and local regulations and guidelines.

Hazard not otherwise classified (HNOC)
NOT AVAILABLE

Other information
NOT AVAILABLE

SECTION 3: COMPOSITION

Chemical name	CAS-No	Weight %	Trade Secret
Iodine (10% PVP) Povidone iodine (10%)	25655-41-8	1.0 % (Iodine)	Not Available

SECTION 4: FIRST AID MEASURES

Description of necessary first-aid measures:

Eye contact:
Flush with copious amounts of water for 5 minutes. If irritation persists seek medical attention.

Skin contact:
Avoid prolonged contact with excess wet solution. If irritation develops seek medical attention

Inhalation:
Inhalation is not likely to occur, however, in the event of exposure to vapors remove the victim from the affected area, restore breathing -If required and seek medical attention.

Ingestion:
DO NOT INDUCE VOMITING– seek prompt medical attention.

Most important symptoms/effects, acute and delayed:
Most important symptoms/effects: No information available

Indication of immediate medical attention and special treatment needed, if necessary
Notes to Physician: Treat symptomatically

SECTION 5: FIRE & EXPLOSION HAZARD DATA

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media: No information available

Specific hazards arising from the chemical

Fire hazard: Not flammable.

Explosion data:

- **Sensitivity to Mechanical Impact**: No.
- **Sensitivity to Static Discharge**: No.

Protective equipment and precautions for firefighters
Firefighters should wear full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid contact with eyes.

Environmental precautions
See Section 12 for additional Ecological Information

Methods and materials for containment and cleaning up

- Methods for containment:
  Prevent entry into waterways, sewers, basements or confined areas.

- Methods for cleaning up:
  Large Spill: Treat with Sodium thiosulfate, dike area and absorb with industrial absorbent. Dispose of material in accordance with regulatory requirements.
  Small Spill: Dilute with copious amounts of water and flush small spills to sewer.

  Pick up and discard.

SECTION 7: HANDLING & STORAGE

Precautions for safe handling
Handling: Keep away from eyes, ears, and mouth.

Conditions for safe storage, including any incompatibilities
Storage:
Do not store at temperatures above 40°C (104°F).
Normal storage conditions: 68 -77° C

Incompatible products:
Alkalis

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure guidelines

None established for Prep Solution.
None established for Povidone iodine

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Iodine	0.1 ppm	0.1 ppm	Not available

Appropriate engineering controls
Engineering measures: Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection: Not required for normal use. Wear safety goggles for spill cleanup or when there is a danger of splashing.

Skin and body protection: Not required for normal use. Protective clothing as needed for spill response.

Respiratory protection: Not required for normal use. Use NIOSH approved SCBA when handling large quantities at a high temperature, as Iodine vapors may be generated.

Hygiene measures: Avoid prolonged exposure to skin.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Information on basic physical and chemical properties

Physical state: Liquid
Odor: Iodine Characteristic
Appearance: Viscous Liquid
Odor threshold: No data available

Property	Values	Remarks/Method
pH	1.5 – 6.5	USP
Melting point/range	No data available	N/A
Boling point/boiling range	No data available	N/A
Flash point	No data available	N/A
Evaporation rate	No data available	N/A
Flammability (solid, gas)	No data available	N/A
Flammability limits in air	No data available	N/A
-upper flammability limit	No data available	N/A
-lower flammability limit	No data available	N/A
Vapor pressure	No data available	N/A
Vapor density	No data available	N/A
Specific gravity	No data available	N/A
Water solubility	No data available	N/A
Solubility in other solvents	No data available	N/A
Partition coefficient: n-octanol/water	No data available	N/A
Auto ignition temperature	No data available	N/A
Decomposition temperature	No data available	N/A
Viscosity	No data available	N/A
Flammable properties	No data available	N/A
Explosive properties	No data available	N/A
Oxidizing properties	No data available	N/A

Other information

VOC content (%): No Data Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None

Chemical stability: Stable under normal temperatures and pressures

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: None Known

Incompatible materials: Alkalis

Hazardous decomposition products: Free iodine will be emitted when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product information:

- Inhalation: There is no evidence of adverse effects from inhalation of povidone iodine solutions.
- Eye contact: May cause irritation and stinging.
- Skin contact: Rare hypersensitivity reactions have been reported. Should not be applied to deep cuts.
- Ingestion: There is no evidence of adverse effect. Susceptible persons may suffer diarrhea or intestinal problems. If swallowed, systemic absorption of iodine may occur.

Chemical name	LD50 oral	LD50 dermal	LC50 inhalation
PVP-Iodine	8100 mg/kg (mouse) >8 g/kg (rat)	NOT AVAILABLE	NOT AVAILABLE

Symptoms related to the physical, chemical and toxicological characteristics

Not available.

Delayed and immediate effects and also chronic effects from short and long term exposure

- Sensitization: Not available.
- Mutagenic effects: Not available.
- Carcinogenicity: Not available.
- Reproductive toxicity: Not available.
- STOT – single exposure: Not available.
- STOT – repeated exposure: Not available.
- Aspiration hazard: Not available.

Numerical measures of toxicity – product

Not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not determined

Persistence and Degradability
Not determined

Bioaccumulation
Not determined

Other adverse effects:

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal methods
Dispose of in accordance with all current Federal, state, and local regulations and guidelines.

Contaminated packaging
Dispose of in accordance with all current Federal, state, and local regulations and guidelines.
This material is not listed under US RCRA.

Chemical name	RCRA	RCRA – Basis for listing	RCRA – D series wastes	RCRA – U series wastes
N/A	N/A	N/A	N/A	N/A

SECTION 14: TRANSPORT INFORMATION

Notes:

DOT

- UN-Number Not Regulated
- Proper shipping name Not Regulated
- Hazard class Not Regulated
- Reportable quantity (RQ) Not Regulated
- Description Not Regulated
- Emergency response guide Not Regulated
- Number Not Regulated

TDG

- UN-Number Not Regulated
- Proper shipping name Not Regulated
- Hazard class Not Regulated
- Description Not Regulated

M EX

- UN-Number Not Regulated
- Proper shipping name Not Regulated
- Hazard class Not Regulated
- Description Not Regulated

ICAO

- UN-Number — Not Regulated
- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- Description — Not Regulated

IATA

- UN-Number — Not Regulated
- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- ERG code — Not Regulated
- Description — Not Regulated

IMDG/IMO

- UN-Number — Not Regulated
- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- Subsidiary class — Not Regulated
- EmS number — Not Regulated
- Description — Not Regulated

RID

- UN-Number — Not Regulated
- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- Classification code — Not Regulated
- Description — Not Regulated

ADR

- UN-Number — Not Regulated
- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- Classification code — Not Regulated
- Tunnel restriction code — Not Regulated
- Description — Not Regulated
- ADR/RID – Labels — Not Regulated

ADN

- Proper shipping name — Not Regulated
- Hazard class — Not Regulated
- Classification code — Not Regulated
- Special provisions — Not Regulated
- Description — Not Regulated
- Limited quantity — Not Regulated
- Ventilation — Not Regulated

SECTION 15: REGULATORY INFORMATION

Interventional inventories

- TSCA(Complies?) ☒ Yes ☐ NoIECSC XXX

Legend

TSCA: PVP-IODINE United States Toxic Substances Control Act 8(b) inventory

U.S. Federal regulations

TEXT

SARA 311/312 Hazard categories

☐	**Acute health hazard**	**YES**
☐	**Chronic health hazard**	**NO**
☐	**Fire hazard**	**NO**
☐	**Sudden release of pressure hazard**	**NO**
☐	**Reactive hazard**	**NO**

Clean Water Act

This product **does/does not** contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

Chemical name	Hazardous substances RQs	Extremely hazardous substances RQs	RQ
NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED

U.S. state regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. state Right-to-Know regulations

"X" designates that the ingredients are listed on the state Right-to-Know list

Chemical name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED	NOT REGULATED

U.S. EPA label information

EPA Pesticide registration number: N/A

SECTION 16: OTHER INFORMATION

	Health hazard	Flammability	Instability/Physical Hazard	Physical/Chemical Hazards/Personal protection
NFPA	1	0	0	Not Available
HMIS	Not Available	Not Available	Not Available	Not Available

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