



## \*SAFETY DATA SHEET\*

SDS Date: 2/13/2017

### 1. Identification of the substance/preparation and the company/undertaking

#### GHS product identifier

Product name: MCKESSON POVIDONE IODINE USP 10% PREP SOLUTION

#### Other mean of identification

Product code(s): 034(8oz), 035(16oz), 036(Gallon), 039 (4oz)  
UN-Number: NOT ALOCATED  
Synonyms: PVP Prep Solution

#### Recommended use of the chemical and restrictions on use

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.

**Emergency telephone number:** 1-800-451-8346 (3E Company)  
Day or Night

### 2. Hazards Identification

#### 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 TEXT

NOT AVAILABLE

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

- TEXT

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).

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

### 3. Composition/Information on ingredients

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

### 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

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### Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician: Treat symptomatically

## 5. Fire-fighting measures

**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.

## 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.

## 7. Handling and storage

### Precautions for safe handling

Handling: Keep away from eyes, ears, and mouth.

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### Conditions for safe storage, including any incompatibilities

#### Storage:

Do not store at temperatures above 40°C (104°F).

#### Incompatible products:

Alkalis

## 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 clean up 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.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

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

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Property	Values	Remarks/Method
Ph	1.5 – 6.5	USP
Melting point/range	No data available	N/A
Boiling 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
Autoignition 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

## 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

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

### 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 diarrhoea 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.

### 12. Ecological information

#### Ecotoxicity

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to micro-organisms	Daphnia Magna (water flea)
Table body				Table body
Table body				Table body
Table body				Table body
Table body				Table body

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### Persistence and Degradability

TEXT

### Bioaccumulation

TEXT

Chemical name	Low Pow
Table body	Table body

Other adverse effects: TEXT

## 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

## 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 |

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### TDG

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

### MEX

- 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

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- 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

## 15. Regulatory information

### Interventional inventories

- TSCA(Complies?)  Yes  No IECSC 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.

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### 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					

### U.S. EPA label information

EPA Pesticide registration number: N/A

## 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

### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet