

# **SAFETY DATA SHEET**

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Humco Holding Group, Inc. 7400 Alumax Dr Texarkana TX 75501 USA 800-662-3435 cs@humco.com www.humco.com

24-Hour Emergency Number (CHEMTREC) USA- 800-424-9300 International – 703-527-3887

All non-emergency calls should be directed to Customer Service at 800-662-3435

# NAME: POVIDONE IODINE 10% TOPICAL SOLUTION SDS NO. 2325

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Povidone Iodine 10% Topical SolutionSynonyms: betadine solutionRecommended Use: First aid antiseptic, kills germs promptly in minor cuts, scrapes, and burns

Manufacturer by: Humco Holding Group, Inc.

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### 2. HAZARD IDENTIFICATION

Pictogram:		
Classification:	Not Classified	
Signal Word:	Warning	
Hazard Statements:	May be harmful if swallowed	

### 3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
POVIDONE IODINE	25655-41-8
IGEPAL	68412-54-4
GLYCERIN	56-81-5

SODIUM PHOSPHATE DIBASIC HEPTAHYDRATE	7782-85-6
CITRIC ACID ANHYDROUS, USP	77-92-9
WATER	7732-18-5

The exact percentage has been withheld as a trade secret

#### 4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Dizziness, trouble breating	Remove source of contamination or move victim to
		fresh air. If affected person is not breathing, apply
		artificial respiration. If breathing is difficult, give
		oxygen. Get medical attention.
Ingestion	Vomiting, cramps, diarrea	Do not induce vomiting. If material is swallowed, get
		medical attention or advice
Skin	May cause dermal irritation	If irritation occurs, wash with soap and water. If
		irritation persists, get medical attention.
Eyes	May cause eye Irritation	Immediately flush eyes with water for at least 15
		minutes while holding eyelids open. If symptoms
		persist, get medical attention.

### 5. FIRE-FIGHTING MEASURES

Flash Point:	Not flammable	
Auto Ignition:	Not determined	
Extinguishing Media:	Use methods appropriate for the surrounding fire. Consider	
	water spray or plenty of water.	
Products of Combustion:	Upon combustion this product may emit carbon oxides and	
	nitrogen oxides	
Fire Fighting Equipment and Procedures:	Wear protective clothing and equipment suitable for the	
	surrounding fire, including helmet, facemask, and self-	
	contained breathing apparatus.	

# 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label directions.	
Environmental Precautions:	Prevent discharge to open waters.	
Method of Containment:	Absorb spilled liquids in suitable inert material such as clay, vermiculite	
	or diatomaceous earth.	
Method for Clean-Up:	Ventilate area of spill or leak. Wash affected area with dilute ammonia	
	or dilute sodium thiosulfate solution and large amount of water. Waste	
	material may be incinerated under controlled conditions where	
	permitted.	

#### 7. HANDLING AND STORAGE

Handling:	Do not take internally. Do not consume food, drink or smoke while handling this product.	
	Keep out of reach of children.	
Storage:	Store at room temperature in tightly closed container and well ventilated place.	

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under
	normal use.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Safety glass is recommended
Skin Protection:	Wear adequate clothing and rubber/nitrile gloves
Respiratory Protection	None needed under normal use.
General Hygiene Considerations:	Wash hands after use.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark reddish brown liquid	Upper/Lower	Not determined
		Flammability:	
Odor:	Slight characteristic odor	Vapor Pressure	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	1.5 – 6.5	Relative Density:	1.04
Melting point	Not determined	Solubility in water	Miscible in water
/Freezing Point:			
Boiling point/range:	Not determined	Partition coefficient:	Not determined
		n-octanol/water:	
Flash point	Not determined	Auto-ignition	Not determined
		temperature	
Evaporation rate	Not determined	Decomposition	Not determined
		Temperature:	
Flammability:	Not flammable	Viscosity	Not determined

#### **10. STABILITY AND RACTIVITY**

Reactivity:	Not reactive
Chemical Stability: Stable under normal ambient tempera	
Possibility of Hazardous reactions:	Not determined.
Conditions to Avoid:	Freezing and extreme heat
Incompatible materials:	Not determined
Hazardous Decomposition Products:	May produce iodine vapors and other gases

#### **11. TOXICOLOGICAL INFORMATION**

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Acute toxicity:	Not determined.
Skin irritation:	Not determined.
Eye contact damage:	Not determined.
Respiratory damage:	Not determined.
Ingestion overdose:	Liquid may be irritating to eyes, skin and mucous
	membranes.
Delayed, immediate, or chronic effects from	Not determined.
short- and long-term exposure	
LD50	Not determined.
Symptoms associated with exposure:	None expected: May cause skin irritation to sensitive
	people.
Carcinogenicity:	
OSHA:	Not listed
NTP:	Not listed
IARC:	Not listed

# **12. ECOLOGICAL INFORMATION**

Acute or chronic aquatic toxicity:	Not determined.
Chemical degradation:	Not determined.
Biodegradation:	Not determined.
Bioaccumulation potential	Not determined.
Adsorption studies or leaching	Not determined.
studies:	
Other adverse effects	Not determined.

#### **13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

#### **14. TRANSPORT INFORMATION**

DOT Hazard Classification:	Non-Hazardous
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group number:	Not applicable
Environmental hazards:	Not applicable
Special precautions:	Avoid extreme heat

#### **15. REGULATORY INFORMATION**

#### Not determined

#### **16. OTHER INFORMATION**

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