



Safety Data Sheet

Povidone-Iodine 10% Topical Solution

Section 1 – Company Identification

Product Name: Povi-One
Synonyms: PVP Prep Solution USP 10% Povidone-Iodine
Company Identification: Elevate Oral Care
346 Pike Rd Suite 5
West Palm Beach, FL 33411
Issue Date: 10/04/2021
For information, call: Elevate Oral Care, 877-866-9113
Emergency Number: Poison Control Center 800-222-1222
Product Use: Health care topical antiseptic for preparation of the skin and oral tissues.
Limitations: For use by, or under the supervision of Dental Professionals.

Section 2 - Hazards Identification

Emergency Overview

This information is based on findings from related and/or similar materials.

Please read entire MSDS for additional information.

Potential Health Effects, Signs, and Symptoms of Exposure:

Signal Word: **None**

Danger Symbols: This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazard Statements: H302, H320, H315, H333, EUH401

Eye Contact: Overexposure may cause irritation.

Skin Contact: Overexposure may cause irritation.

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

Ingestion: Harmful if swallowed.

Carcinogenicity: None.

Please refer to Section 16 for Hazard and Precautionary Statement Key.

Section 3 - Composition, Information on Ingredients

Chemical ID	CAS-No
Glycerin	56-81-5
Deionized water	7732-18-5
Povidone Iodine	25655-41-8
Igepal	9002-93-1
Citric Acid Monohydrate	77-92-9
Polysorbate 80	9005-65-6
Sodium Citrate	68-04-2

The percentage has been withheld as a trade secret.

Igepal:

Signal word: Danger



Danger symbol: GHS07, GHS05, GHS09

Hazard statements: H302, H315, H318, H410

Precautionary statements: P264, P270, P273, P280, P301+312+330, P302+352, P305+351+338, P310, P332+313, P362, P391, P501

Citric Acid Monohydrate:

Signal word: Warning



Danger symbol: GHS07

Hazard statements: H319. May form combustible dust concentrations in air (during processing).

Precautionary Statements: P101, P102, P103, P264, P280, P270, P305+P351+P338, P337+P313, P403+233

Polysorbate 80:

Signal word: Warning

Danger symbol: N/A

Hazard statements: H320, H316, EUH066

Precautionary statements: P305+351, P338, P337+313

Povidone Iodine:

Signal word: Warning



Danger symbols: GHS07

Hazard statements: H302, H315, H333, EUH401

Precautionary Statements: P352+P337+P313, P332+P313, P304+P340

No known hazards exist for other ingredients.



Section 4 - First Aid Measures

The following first aid recommendations assume that appropriate hygiene and industrial hygiene practices are followed.

General Advice: Do not leave the victim unattended.

Eye contact: May cause eye irritation. Immediately flush eyes with large amounts of water for 15 minutes. Get medical attention if symptoms persist.

Skin Contact: May cause dermal irritation. If irritation occurs, seek medical attention.

Inhalation: Symptoms may include dizziness, trouble breathing. If signs/symptoms develop, get medical attention. Move victim to fresh air, loosen tight clothing, provide oxygen if difficulty breathing.

Ingestion: Symptoms may include vomiting, cramps, diarrhea. DO NOT INDUCE VOMITING. If material is swallowed, seek prompt medical attention.

Notes to Physician: Treat symptomatically

Section 5 - Fire Fighting Measures

Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or plenty of water.

Flash point: Not flammable.

Auto ignition: Not determined.

Products of Combustion: None

Special Fire Fighting Equipment and Procedures: Firefighters should wear full protective gear.

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unprotected and untrained personnel from hazard areas. The spill should be cleaned up by qualified personnel. Wear protective gloves, mask, boots, goggles, and other materials for splash prevention. Avoid contact with eyes.

Environmental Precautions:

Cover drains to prevent entry into sewer systems or bodies of water, basements or confined areas.

Clean-up methods:

Observe precautions from other sections. Determine if spill qualifies for local, state, or federal reporting.

**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.

Read entire label before using and follow all label directions. Absorb spilled liquids in suitable inert material such as clay, vermiculite, or diatomaceous earth. Flush with water and clean thoroughly. Pick up and discard.

Section 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 controlled room temperature $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ (68-77°F) in a well-ventilated area away from freezing, heat, sparks, and flame. Keep containers closed when not in use. Keep in the original container provided by manufacturer. Do not store at temperatures above 40°C (104°F).

Section 8 - Exposure Controls/Personal Protection

Exposure Guidelines

No exposure standards have been established for this product, however, the Occupational Safety & Health Administration (OSHA) exposure standards for the following materials are as follows:

Chemical Name	CAS-No	OSHA PEL
Povidone Iodine (<i>as iodine</i>)	25655-41-8 (Povidone Iodine)	TWA: 0.01 ppm (inhalable fraction and vapor)
Glycerin (<i>as a mist</i>)	56-81-5	15 mg/m ³ as the total particulate and 5 mg/m ³ as the respirable fraction

No relevant exposure guidelines for other ingredients.

Engineering controls: Use with appropriate local exhaust ventilation, or in a well-ventilated area.

Personal Protective Equipment (PPE)

Eye Protection: Safety glasses are recommended.

Skin Protection: Wear adequate clothing and gloves.



Respiratory Protection: None needed under normal use. Wear respiratory protection in cases of inadequate ventilation. Use NIOSH approved SCBA when handling large quantities at a high temperature, as iodine vapors may be generated.

General Hygiene

Considerations: Wash hands thoroughly after handling. Avoid prolonged exposure to skin.

Section 9 - Physical and Chemical Properties

Appearance:	Dark reddish-brown liquid	Upper/Lower Flammability:	Not determined
Odor:	Slight characteristic odor	Vapor Pressure:	Not determined
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	1.5-6.5	Relative Density:	1.6
Melting Point/Freezing Point:	Not determined	Solubility in Water:	Miscible in water
Boiling Point/Range:	Not determined	Partition Coefficient: n-octanol/Water:	Not determined
Flash Point:	Not determined	Auto-ignition Temperature:	Not determined
Evaporation Rate:	Not determined	Decomposition Temperature:	Not determined
Flammability:	Not flammable	Viscosity:	Not determined

Section 10 - Stability and Reactivity

Stability: Stable under normal ambient temperature (70°F)
Reactivity: Not reactive
Conditions to Avoid: None
Possibility of Hazardous Reactions: Not determined.
Incompatible Material: Strong oxidizing or reducing agents. Alkalis.
Hazardous Decomposition Product: Free iodine will be emitted when heated to decomposition.

Section 11 - Toxicological Information

Acute Toxicity:	Not determined
Skin Irritation:	Rare hypersensitivity reactions have been reported. Should not be applied to deep cuts.
Eye Contact Damage:	May cause irritation and stinging
Respiratory Damage:	Not determined



Ingestion Overdose:	No evidence of adverse effect. Susceptible people may suffer diarrhea or intestinal problems. If swallowed, systemic absorption of iodine may occur.
Delayed, Immediate, or Chronic Effects from Short-Term and Long-Term Exposure:	Not determined
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

Section 12 - Ecological Information

Acute or Chronic Aquatic Toxicity:	Not determined
Chemical degradation:	Not determined
Biodegradation:	Not determined
Bioaccumulation:	Not determined
Adsorption studies or leaching studies:	Not determined
Other Adverse Effects:	Not determined

Section 13 - Disposal Considerations

Waste Disposal Method: Follow local, regional, state, and national guidelines. Dilute it with lots of water and flush down sewer, non-taxi to regulation for pollution.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transportation Information

DOT Hazard Classification:	Non-Hazardous
UN Number:	Not Applicable
UN Proper Shipping Name:	Not Applicable
Transport Hazard Class(es):	Not Applicable
Packaging Group Number:	Not Applicable
Environmental Hazards:	Not Applicable
Special Precautions:	None

Section 15 - Regulatory Information

U.S. Federal Regulations:

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

CERCLA (Comprehensive Response Compensation, and Liability Act): Not regulated

SARA 311/312 Hazard Categories: Acute health hazard.

SARA 313 Reportable Ingredients: Contains NO hazardous ingredients subject to reporting requirements of Section 313 of SARA Title II.

State Regulations: This product does not contain any Proposition 65 chemicals.

International Regulations: N/A

Section 15 Notes: N/A

Section 16 - Other Information

European Community:



EUH401 – To avoid risks to human health and the environment, comply with the instructions for use.

EUH066 – Repeated exposure may cause skin dryness or cracking.

EU Classes and Risk/Safety Phases for Referenced Ingredients (See Section 2)

Danger Symbols:

GHS05 – Warning/Corrosives



GHS07 –Warning/Irritant



GHS09 - Environment



Hazard Statements:

H227 – Combustible Liquid.

H290 – May be corrosive.

H302 – Harmful if swallowed.

H303 – May be harmful if swallowed.

H314 – Causes severe skin burns and eye damage.



H315 – Causes skin irritation.
H316 – Causes mild skin irritation.
H317 – May cause an allergic skin reaction.
H318 – Causes serious eye damage.
H319 – Causes serious eye irritation.
H320 - Causes eye irritation.
H332 – Harmful if inhaled.
H333 – May be harmful if inhaled.
H335 – May cause respiratory irritation.
H410 – Very toxic to aquatic life with long-lasting effects.

Precautionary Statements:

P101 – If medical advice is needed, have product container or label on hand.
P102 – Keep out of reach of children.
P103 – Read label before use.
P201 – Obtain special instructions before use.
P202 – Do not handle until all safety precautions have been read and understood.
P233 – Keep container tightly closed.
P234 – Keep only in original container.
P260 – Do not breathe dust/fumes/gas/mist/vapors/spray.
P261 – Avoid breathing dust/fumes/gas/mist/vapors/spray.
P264 – Wash hands after use, rinse oral cavity and expectorate fluid.
P270 – Do not eat, drink, or smoke while using this product.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P273 – Avoid release to the environment.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P310 – Immediately call a poison center/doctor.
P308 + 313– If exposed or concerned get medical advice/attention
P330 – Rinse mouth
P301+P312 – IF SWALLOWED: Call a POISON CENTER or a medical professional if you feel unwell.
P301+330+331 – IF SWALLOWED: Rinse mouth, DO NOT induce vomiting.
P302+P352 – IF ON SKIN: Wash with plenty of water.
P302+361+353+363 – IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin in water/shower, Wash contaminated clothing before reuse.
P304+340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.



- P331** – DO NOT induce vomiting.
- P332+P313** – If skin irritation occurs: Get medical advice/attention.
- P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P337+P313** – If eye irritation persists get medical advice/attention.
- P309+314 (S45)** – If exposed, or you feel unwell, seek medical advice/attention.
- P353** – Rinse skin with water/shower
- P363** – Wash contaminated clothing before reuse.
- P361** – Take off immediately all contaminated clothing.
- P362** – Take off contaminated clothing.
- P391** – Collect spillage.
- P403** – Store in a well-ventilated place.
- P405** – Store locked up.
- P406** – Store in a corrosive resistant/...container with a resistant inner liner.
- P501** – Dispose of contents/container in accordance with local/state/national/international regulation

	Health Hazard	Flammability	Reactivity
NFPA:	1	0	0
HMIS:	1	0	0

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Disclaimer:

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