

**Material Safety Data Sheet (MSDS)****PVP Iodine Prep Solution**Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779  
631-656-3800**SECTION I – PRODUCT IDENTIFICATION****PVP Iodine Prep Solution****PRODUCT:**

**Product Trade Name:** Prep Solution Povidone Iodine 10%  
**Chemical name and Synonyms:** Polivinilpirrolidone-Iodine Polymer (PVP Iodine)  
**Chemical Formula**  $(C_6H_9NO)_n \cdot xI$   
**Emergency Telephone Number:** 631-656-3800

**SECTION II – HAZARDOUS INGREDIENTS**

Hazardous Components (Specific Chemical Identity Common Name(s))	OSHA PEL	ACGIH TLV	Other	% (optional)
Polivinilpirrolidone-Iodine Polymer (CAS No. 25655-41-41-8)	N/A	N/A	N/A	1.0%
	NFPA	Health = 2	Flammability = 1	Reactivity = 0

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

**Boiling Point:** 105°C/1atm  
**Vapor Pressure (mm Hg):** Negligible  
**Vapor Density:** 1.6  
**Specific Gravity:** 1.034 (20°C)  
**Melting Point:** N/A  
**Evaporation Rate (Butyl Acetate=1):** Negligible  
**Solubility in Water:** Completely soluble in water.  
**Appearance and Odor:** Reddish brown with characteristic iodine odor, free of particulate matter in suspension, or foreign matter.

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** N/A  
**Flammable Limits:**  
**LEL:** N/A  
**UEL:** N/A  
**Extinguishing Media:** Water for or foam followed by water.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

**SECTION V – REACTIVITY DATA**

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<b>Stability:</b>	Stable
<b>Incompatibility (Materials to Avoid):</b>	None observed and none in ordinary use. Strong oxidizing or reducing agents, metals.
<b>Hazardous Decomposition or Byproducts:</b>	None Known
<b>Hazardous Polymerization:</b>	Will Not Occur

**SECTION VI- HEALTH AND HAZARD DATA****Route(s) of Entry:**

<b>Inhalation?</b>	N/A
<b>Skin?</b>	N/A
<b>Eyes?</b>	Will sting if splashed in eyes
<b>Ingestion?</b>	None

**Health Hazards (Acute and Chronic):**

<b>Inhalation</b>	No effects of exposure expected.
<b>Skin Contact</b>	Prolonged and repeated contact may cause skin irritation. If rash or irritation develops, discontinue use.
<b>Eye Contact</b>	Rinse with cool water.
<b>Ingestion</b>	If ingested, seek medical attention.

**Carcinogenicity**

<b>NTP?</b>	NA
<b>LARC Monograph?</b>	NA
<b>OSHA Regulated?</b>	NA

**Signs and Symptoms of Exposure:** Prolonged and repeated contact may cause skin irritation.

**Medical Conditions Generally Aggravated by Exposure:** Sensitive or inflamed skin may become irritated.

**Emergency and First Aid Procedures:** Ordinary measures of personal hygiene are adequate, if inhaled, move to fresh air. In case of contact, flush with water.

**SECTION VII- PRECAUTION FOR SAFE HANDLING AND USE**

<b>Steps to be taken in Case Material Released or Spilled:</b>	Flush with water and clean it thoroughly.
<b>Waste Disposal Method:</b>	Follow local, state and federal regulations
<b>Storage:</b>	Store in cool place

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**Precautions to Be taken in Handling and Storage:** None Known

**Other Precautions:** None Known

**SECTION VIII– CONTROL MEASURES**

**Respiratory Protection (Specific Type):** NA

**Ventilation**

**Local Exhaust:** Yes

**Mechanical (General):** None

**Special:** NA

**Other:** NA

**Protective Gloves:** Gloves to minimize skin contact

**Eye protection:** Goggles: Use eye bath if eye contact occurs.

**Other Protective Clothing or Equipment:** None in ordinary use.

**Work / Hygiene Practices:** Good hygienic practice.

**SECTION IX– INTERNATIONAL TRANSPORT INFORMATION**

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

**Issue Date:** 11-30-10

**Prepared by:** Jim Vilardi

**Disclaimer**

*The information provided on this MSDS 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*