



SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: PVP Iodine Prep Solution
Product Label Name: PVP Iodine Prep Solution
Company Name and Address: Dukal Corporation
2 Fleetwood Court
Ronkonkoma, NY 11779
Emergency Telephone Number: 631-656-3800
Recommended use: Surgical scrub or first aid antiseptic. Effective for skin preparation prior to surgical procedures.

SECTION 2: HAZARDOUS IDENTIFICATION

Hazard Classification: Not Classified as Hazardous
Hazard Symbol (GHS): None
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Not Classified as Hazardous
SIGNAL WORD HAZARD or PRECAUTIONARY STATEMENT Caution – causes eye irritation. May cause chronic toxic effects.
Potential short term health effects
Routes of exposure Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
Eyes Causes irritation.
Skin In case of skin irritation, discontinue use of the product.
Topical application of povidone-iodine elevates serum concentrations of iodine.
Inhalation Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Target organs: Eyes. Skin.
Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

SECTION 3: INFORMATION ON INGREDIENTS

Chemical Name: Polivinylpirrolidone-iodine polymer (PVP Iodine-PVP-I)
Synonym name: (PVP Iodine, PVP-I)
Chemical Formula: (C₆H₉ NO) n*xl
CAS #: 25655-41-8
Concentration: 10%



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SECTION 4: FIRST-AID MEASURES

Eye contact	Rinse with cool water.
Skin contact	In case of skin irritation, discontinue use of product.
Ingestion	If ingested, seek medical attention. Do not induce vomiting, never give anything by mouth if victim is unconscious or convulsing.
Notes to physician	Symptoms may be delayed.
General advice	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

SECTION 5: FIRE-FIGHTING MEASURES

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
FLASH POINT:	Not Available
AUTOIGNITION TEMPERATURE:	Not Available
FLAMMABLE PROPERTIES:	Not flammable by WHMIS/OSHA criteria
EXTINGUISHING MEDIA:	Water for or foam followed by water
SPECIAL FIRE FIGHTING PROCEDURES:	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	May include and are not limited to oxides of carbon, nitrogen. Contains Iodine

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Environmental Precautions:	Disposal should be in accordance with local, state/provincial and Federal regulations.



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SECTION 7: HANDLING AND STORAGE

Store in cool place. Use good industrial hygiene practices. Keep out of reach of children. Store in a closed container away from incompatible materials

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection:	Avoid breathing of vapors, mists or spray
Eye Protection:	Avoid contact.
Skin Protection:	Avoid prolonged or repetitive exposure. Use gloves
Engineering Controls:	N/A
General Hygiene considerations:	N/A



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PH:	N/A
Boiling Point:	97°C/1atm
Freezing Point:	N/A
Vapor Pressure (mm Hg):	Negligible
Vapor Density:	1.6
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. Liquid in bottle or pouch.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable unless stored in extreme environmental condition
CONDITIONS TO AVOID:	Extreme environmental conditions
INCOMPATIBILITY (MATERIAL TO AVOID):	Caustics, Oxidizers, Reducing agents
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Oxides of carbon, nitrogen. Iodine



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SECTION 11: TOXICOLOGICAL INFORMATION

PRECAUTIONARY STATEMENTS:	None
POTENTIAL HEALTH EFFECTS:	
Inhalation	May cause respiratory tract irritation
Eye	Causes irritation
Skin	In case of irritation, discontinue use
Ingestion	Not a normal route of exposure. May cause stomach Distress
Potential Effects of Chronic Exposure	Chronic ingestion of iodides may produce 'iodism' which is characterized by skin rash, nasal discharge, sneezing, fever, headaches, weakness, anemia and loss of weight
Carcinogenicity	Not hazardous
Irritation/Sensitization	Not hazardous
Teratogenicity	Not hazardous
Mutagenicity	Not hazardous
Reproductive Toxicity	Not hazardous

Section 12: ECOLOGICAL INFORMATION

Eco toxicity	Not available
Biodegradability	Not available
Bioaccumulation	Not available
Mobility	Not available
Other Adverse Effects	Not available

Section 13: DISPOSABLE CONSIDERATIONS

WASTE DISPOSAL METHOD:	Disposal should be in accordance with local, state/provincial and Federal regulations
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Section 14: TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)	Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG - Canada)	Not regulated as dangerous goods.



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Section 15: REGULATORY INFORMATION

US Federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 due to the presence of listed sensitizers. All components are on the U.S. EPA TSCA Inventory List.

Canadian federal regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

SECTION 16: OTHER INFORMATION

Preparation Date:

9/15/2014

Last Revision Date:

12/7/2015

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.