

SAFETY DATA SHEET (SDS)

Section 1. Identification		
Product ID	POVIDONE IODINE SOLUTION; PVP-I SOLUTION	
Other identification details	Product category 109-00, 119-00	
Recommended use and usage restrictions	Antiseptic (containing approximately 87-93% water)	
Initial supplier identifier	Lernapharm (Loris) Inc., 2323 Halpern, St-Laurent (Montreal) Québec, Canada H4S 1S3 Telephone: 514-331-4634	
Emergency/Usage Restriction contact phone number	Canada CANUTEC 24-Hour Number 613-996-6666	
Section 2. Hazard identification		
Hazardous product classification (name of the category or subcategory of the hazard class)		
Skin irritation (Category 3)		
Hazardous product classification (name of the category or subcategory of the hazard class)		
Caution H316 Causes slight skin irritation. P332 + P313 In case of skin irritation: Consult a doctor.		
Other known dangers	None	
Section 3. Composition/ingredient information		
Chemical name (common name/synonyms)	CAS number or other	Concentration (%)*
Poly(vinylpyrrolidone)-iodine complex	25655-41-8	7-13
* Declaration - This safety data sheet includes a concentration range(s) instead of the actual concentration(s) considered as trade secret(s).		
Section 4. First Aid		
Inhalation	IN CASE OF INHALING: Move the person to fresh air and keep them in a position where they can breathe comfortably. Call a doctor if they feel unwell.	
Oral route	IF SWALLOWED: Call a doctor immediately. DO NOT VOMIT. NEVER give anything. If the victim is rapidly losing consciousness, unconscious, or convulsing, rinse the mouth thoroughly with water. Ask the victim to drink two glasses of water. If vomiting occurs naturally, lean the victim forward to reduce the risk of aspiration.	
Dermal route	In case of skin irritation: Consult a doctor. Rinse the skin with water (5-10 minutes).	
Ocular route	IN CASE OF CONTACT WITH EYES: rinse eyes with water for (5-10 minutes).	
Most important symptoms and effects (acute or delayed)	None	
Mention of immediate medical attention/special treatment	In all these cases, consult a doctor.Don't forget this document.	
Section 5. Measures to take in case of fire		
Specific hazards of the hazardous product (hazardous combustion products)		
Carbon oxides and other irritating/toxic gases and fumes.		
Appropriate and inappropriate extinguishing agents.		
In case of fire: Use carbon dioxide, a powdered chemical agent, and a suitable foam to extinguish surrounding products.		
Special protective equipment and special precautions for firefighters.		
Smoke or toxic/irritating fumes may be produced during a fire. Do not enter the fire area without adequate protection. Firefighters battling a fire should wear self-contained breathing apparatus with a full face mask to protect themselves from toxic products released during combustion. Protect personnel from containers that are at risk of bursting, exploding, or escaping their contents. Move containers from the fire area if it is safe to do so. Water can be helpful in cooling containers exposed to heat and flames.		
Section 6. Measures to be taken in case of accidental spillage		
Individual precautions, protective equipment and emergency measures		
Restrict access until cleaning is complete. Ensure that cleaning is carried out by qualified personnel. All persons involved in the cleaning must wear appropriate protective equipment (see Section 8).		
Methods and materials for containment and cleaning		
Ventilate the spill area. Stop the flow if it can be done safely. Contain and absorb the spill with an inert absorbent material. Then, place the absorbent material in a container for later disposal (see section 13). Contaminated absorbent material may present the same hazards as the spilled product. Notify the relevant authorities if necessary.		

Section 7. Handling and storage			
Safety precautions for handling			
Avoid contact with eyes, skin, and clothing. Keep away from incompatible materials (Section 10). Keep containers tightly closed when not in use. Empty containers are always hazardous. See also Section 8.			
Storage safety conditions, including incompatibilities			
Store in a well-ventilated area. Keep cool. Store away from incompatible materials (Section 10).			
Section 8. Exposure control/personal protection			
Control parameters (biological limit values or exposure limit values and origin of these values)			
Exposure limits: ACGH – TLV-TWA & PEL-TWA none.			
Appropriate engineering controls			
Use the product with adequate ventilation. A source extraction ventilation system is recommended to keep contaminant concentrations well below exposure limits. Ensure that eyewash stations, safety showers, and cleaning areas are located near the workstation.			
Personal protective measures/personal protective equipment			
Respiratory protection is required if concentrations exceed exposure limits. Use NIOSH-approved respirators if exposure limits are unknown. Wear chemical-resistant (waterproof) gloves or other protective clothing to prevent repeated or prolonged skin contact during all handling operations. Wear goggles or other protective eyewear to prevent mist from entering the eyes. Wash hands, nails, and face thoroughly after handling. Do not eat, drink, or smoke while handling this product. Good hygiene is recommended after using this product. Clean clothing before reuse.			
Section 9. Physical and chemical properties			
Appearance, physical state/color	Yellow, red, brown liquid	Steam tension	Not available
Odor	Characteristic	Vapor density	Heavier than air
Olfactory threshold	Not available	Relative density	1,03
pH	Not available	Solubility	Soluble
Melting/freezing point	Not available	n-octanol/water partition coefficient	Not available
Initial point/domain	Not available	Auto-ignition temperature	Not available
Flash of lightning	Not available	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	Not available
Flammability (solids and gases)	Not available	COV	Not available
Upper and lower flammability/explosibility limits	Not available	Other	None known
Section 10. Stability and responsiveness			
Reactivity			
Does not react under the recommended and prescribed handling and storage conditions.			
Chemical stability			
Stable under the recommended and prescribed handling and storage conditions.			
Risk of dangerous reactions			
None			
Conditions to avoid (static electricity discharges, shocks and vibrations)			
None			
Incompatible materials			
Oxidizing materials; etc.			
Hazardous decomposition products			
None known			
Section 11. Toxicological data			
Information on likely routes of exposure (inhalation, oral, dermal, ocular)			
Causes slight skin irritation. Causes very slight eye irritation.			
Symptoms corresponding to physical, chemical and toxicological characteristics			
Skin irritation, redness, pain			
Delayed and immediate effects (chronic effects due to short- and long-term exposure)			
Skin sensitization – No data available; Respiratory sensitization – No data available; Germ cell mutagenicity – No data available; Carcinogenicity – No ingredient is listed by IARC, ACGIH, NTP; Reproductive toxicity – No data available; Specific target organ toxicity – single exposure – No data available; Specific target organ toxicity – repeated exposures – No data available; Aspiration hazard – No data available; Health hazards not elsewhere classified – No data available.			
Numerical toxicity values (ETA; LD50 and CL50)			
CAS 25655-41-8 LD50 Oral - Rat - > 8000 mg/kg ETA not available in this document.			

Section 12. Ecological data	
Ecotoxicity (aquatic and terrestrial data)	
No data available for this product. CAS 25655-41-8 Fish Toxicity LC50 - Oncorhynchus mykiss (rainbow trout) 1050 mg/1 l h	
Persistence and degradation	No data available
Bioaccumulation potential	No data available
Mobility in the ground	No data available
Other harmful effects	No data available
Section 13. Data on disposal	
Information on safe handling for disposal/disposal methods/contaminated packaging	
Dispose of contents/container in safe containers and in accordance with local, regional or national regulations.	
Section 14. Transport information	
UN Number (UN); Proper Name (regulatory name); Class(es); Packing Group (PG) of the TDG Regulations	
Unregulated	
UN number (UN); Official designation; Class(es); IMDG Code Packing Group (MG) (Maritime)	
Not regulated	
UN Number (UN); Official Designation; Class(es); IATA Packing Group (AG) (Air)	
Not regulated	
Special precautions (transport/travel)	None
Environmental hazards (IMDG or other)	None
Bulk transport (normally over 450L capacity)	Possible
Section 15. Regulatory information	
Canadian safety/health regulations	See section 2 for the appropriate classification. This product has been classified in accordance with the risk criteria listed in the Hazardous Products Regulations (HPR).
Canadian environmental regulations	See section 3 for the ingredients of the LIS (DSL)
Foreign regulations regarding safety/health/environment	
None	
Section 16. Other information	
Date of the latest revised version of the safety data sheet	August 22, 2024, version 4
References	The safety data sheets from the manufacturer/supplier and the Canadian Center for Occupational Health and Safety, CCOHS.
Corrections	Section 3; 7; 8;12;
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
LC	Lethal Concentration
LD	Lethal Dose
ATA	Acute Toxicity Assessment
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
ILS	Internal List of Substances (DSL)
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
WHMIS	Information system on hazardous materials used at work
STEL	Short-term Exposure Limit
TLV	Threshold Limit Value
TDGC	Transportation of Dangerous Goods in Canada
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
To the best of our knowledge, the information contained in this document is accurate. However, neither the above-mentioned supplier nor any of its subsidiaries can assume any responsibility for the accuracy or completeness of the information contained herein. It is the sole responsibility of the user to determine the suitability of the materials. All materials may present unknown hazards and should be used with caution. Although some hazards are described herein, we cannot guarantee that others do not exist.	