



WESTERN
CHEMICAL INC.
Product Purity & Environmental Stewardship

Material Safety Data Sheet

Section 1 – Product and Company Information

Product Name:	Ovadine (PVP-Iodine)
Brand	PVP-I
Company	Western Chemical, Inc.
Street Address	1269 Lattimore Rd. Ferndale, WA 98248 USA
Technical phone:	360-384-5898 (M-F, 8am-5pm PST)
Fax:	360-384-0270
24 Hr. Emergency phone (Chemtrec)	1-800-424-9300
Date Updated:	July 2006
Reviewed By:	Jim Garnett

Section 2 – Composition/Information on Ingredient

<u>Substance Name</u>	<u>CAS #</u>	<u>Vol. %</u>
Mix of Polyvinylpyrrolidinone and Iodine	25655-41-8	10.5

Section 3 – Hazards Identification

Emergency Overview

Caution: Irritant. Risk of damage to eyes
Eye wash fountains must be available
Wear NIOSH-certified chemical goggles

HIMS Rating

Health: 1
Flammability: 1
Reactivity: 0

NFPA Rating

Health: 1
Flammability: 1
Reactivity: 0

Acute exposure:

This product is generally accepted as safe for use as an antimicrobial agent.
Symptoms of overexposure may result in increased serum iodine levels

Chronic Exposure:

May cause hyperthyroidism.

For additional information on toxicity, please refer to Section 11.

Section 4 – First Aid Measures

ORAL EXPOSURE

If swallowed, wash mouth out with water provided the person is conscious. Follow with plenty of water. Do not induce vomiting. NEVER GIVE LIQUIDS TO AN UNCONCIOUS PERSON. Call a physician.

INHALATION EXPOSURE

If inhaled, remove to fresh air. If breathing becomes difficult call a physician.

DERMAL EXPOSURE

In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 – Firefighting Measures

FLASH POINT

Not / Applicable (N/A)

AUTO-IGNITION

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

Water Spray, carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.

Section 6 – Accidental Release Measures

PERSONAL PRECAUTION(S)

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of aerosol.

METHODS FOR CLEANING UP

Soak up with appropriate absorbent material, place in a bag, and hold for disposal. Ventilate area and wash spill site after picking up material.

Section 7 – Handling and Storage.

HANDLING

Avoid inhalation, contact with eyes, skin, and clothing. Avoid repeated or prolonged exposure.

STORAGE

Keep container tightly closed.

Section 8 – Exposure Controls/PPE

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

PERSONAL PROTECTIVE EQUIPMENT

Where protection from nuisance levels of aerosol is present, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Use protective gloves, chemical safety goggles, boots, and apron or lab coat.

Section 9 – Physical/Chemical properties

APPEARANCE

Color	Brown.
Physical Form	Liquid
Molecular weight	Not / Applicable
pH	6.0 to 7.0
Odor	faint odor, characteristic
BP/BP Range	130°C
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Density	N/A
SG/Density	approx. 1.03
Bulk Density	N/A
Odor threshold	N/A
Water content	≤ 88%
Solvent content	N/A
Evaporation rate	N/A
Viscosity	N/A
Partition Coefficient	N/A
Decomposition Temperature	N/A
Solubility	N/A

N/A = Not Available

Section 10 – Stability and Reactivity

Stability

Stable.

Materials to Avoid

Strong Oxidizing agents.

Hazardous Polymerization

Will not occur.

Section 11 – Toxicological Information

Skin Irritation:

Rabbit slightly irritating (BASF test)

Eye irritation:

Rabbit severely irritating (OECD Guideline 405)

Section 12 – Ecological Information

Environmental Toxicity.

Section 13 – Disposal Considerations

Appropriate Method of disposal of Substance or Preparation Contain the spill. Do not allow it to flow into water supplies. Absorb any leaked or spilled material. Observe all federal, state, and local regulations when disposing..

Section 14 – Transport Information

DOT

Considered non-hazardous for transport.

IATA

Considered non-hazardous for air transport.

Section 15 – Regulatory Information

US regulatory information

SARA Listed: No

Section 16 – Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The burden of safe use of our materials must rest with the user. We cannot assume responsibility for the completeness or accuracy of any information supplied by us concerning the hazards and recommended use of this product.