

# Material Safety Data Sheet



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## Section 1: PRODUCT AND COMPANY IDENTIFICATION

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Vi-Jon Incorporated  
8515 Page Avenue  
Saint Louis, MO 63114

**Phone:** 314-427-1000  
**In Case of Spill Emergency Contact:**  
**Chemtrec:** 1-800-424-9300

**Product Name:** Povidone-Iodine Solution 10%.

**Product Code:** 050

**Product Use:** Various

**Issue Date:** 04/17/2008

**Supersedes Date:** None

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## Section 2: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** Keep out of reach of children.  
Appearance/Odor: Dark Brown liquid with characteristic iodine odor.

**Symptoms of Exposure:**

Inhalation: May cause irritation of the respiratory tract.  
Ingestion: May cause nausea, vomiting and diarrhea.  
Eyes: May cause irritation to the eyes.  
Skin: None expected.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material does not contain any components considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Potential Environmental Effects:** See Section 12 for more information.

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## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

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There are no components that are considered a health hazard.

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**Section 4: FIRST AID MEASURES**

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**Emergency first aid procedures by route of exposure:**

- Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** Do not induce vomiting. If the material is swallowed, get medical attention or advice.
- Skin:** If irritation occurs, wash with soap and water. If irritation persists, get medical attention.
- Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

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**Section 5: FIRE FIGHTING MEASURES**

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**Flash Point:** Not Available  
**Method Used:** Not Available  
**Auto Ignition:** Not Available  
**Flammability Classification:** Not Available

**Extinguishing Media:** Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

**Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

**Fire Fighting Equipment/Instructions:** Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

**NFPA Rating:** Health: Not Available Fire: Not Available Reactivity: Not Available  
**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions:** For large spills wear gloves, and safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away.

**Environmental Precautions:** Prevent discharge to open waters.

**Method for Containment:** Absorb spilled liquid in suitable inert material such as clay, vermiculite or diatomaceous earth.

**Methods for Clean-Up:** Ventilate area of leak or spill. Sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

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**Section 7: HANDLING AND STORAGE**

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**Handling:** Prevent contact with eyes. Avoid inhalation and ingestion

**Storage:** Keep the container tightly closed and in a cool, well ventilated place..

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**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Engineering Controls:** Normal room ventilation is usually adequate under normal use.

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** None needed under normal use.

**Skin Protection:** None needed under normal use.

**Respiratory Protection:** None needed under normal use.

**General Hygiene Considerations:** Wash hands after use.

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance/Color:** Dark Brown

**Odor:** Characteristic iodine

**Physical State:** Liquid

**pH:** 1.5-6.5

**Vapor Density:** Not Available

**Boiling Point:** Not Available

**Vapor Pressure:** Not Available

**Melting Point:** Not Available

**Freezing Point:** Not Available

**Flash Point** (see section 5)

**Flammability Properties** Not Available

**Solubility** (in water): Soluble

**Specific Gravity @ 25°C:** Not Available

**Evaporation Rate:** Not Available

**Octanol/Water partition coefficient (Kow):** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available

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**Section 10: STABILITY AND REACTIVITY**

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**Stability:** Stable under normal ambient temperatures 70°C (21°C)

**Condition to Avoid:** No information is available for product.

**Incompatible Materials:** This product reacts with strong acid, strong bases, and oxidizing agents.

**Hazardous Decomposition:** upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

**Hazardous Reactions:** Hazardous polymerization will not occur.

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**Section 11: TOXICOLOGY INFORMATION**

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**ACUTE EFFECTS:**

**A: General Product information**

Not expected to cause irritation when used in accordance to label.

**CHRONIC EFFECTS:**

**Carcinogenicity:** Not Classifiable as a Human Carcinogen

**Neurotoxicity:** No information available for product.

**Mutagenicity:** No information available for product.

**Reproductive:** No information available for product.

**Developmental:** No information available for product.

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**Section 12: ECOLOGICAL INFORMATION**

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**Ecotoxicity:** No information is available for product.

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**Section 13: DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with federal, state, and local regulations.

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**Section 14: TRANSPORTATION INFORMATION**

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This material is not regulated as a hazardous material for transportation.

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**Section 15: REGULATORY INFORMATION**

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No information is available for product.

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**Section 16: Other Information**

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Prepared by: Vi-Jon Inc.

**Disclaimer:**

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