

1. Product and Company Identification

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Product Name Povidone iodine Solution Ten Percent

Part Number RXSOL-61-6405-990

Company Details:....

RX MARINE INTERNATIONAL
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Website www.rxmraine.com

2. Composition / Information on ingredients

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| CHEMICAL NAME | CAS |
|---------------------------------------|------------|
| POVIDONE IODINE | 25655-41-8 |
| IGEPAL | 68412-54-4 |
| GLYCERIN | 56-81-5 |
| SODIUM PHOSPHATE DIBASIC HEPTAHYDRATE | 7782-85-6 |
| CITRIC ACID ANHYDROUS, USP | 77-92-9 |
| WATER | 7732-18-5 |

3. Hazards Identification

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| Classification | Not Classified |
| Signal Word | Warning |
| Hazard Statements | May be harmful if swallowed |

4. First Aid Measures

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Description of first aid measures

| ROUTE | COMMON SYMPTOMS | FIRST AID |
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| Inhalation | Dizziness, trouble breathing | 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 | Vomiting, cramps, diarrhea | Do not induce vomiting. If material is swallowed, get medical attention or advice |
| Skin | May cause dermal irritation | If irritation occurs, wash with soap and water. If |

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| Eyes | May cause eye Irritation | irritation persists, get medical attention. Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention. |
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5. Fire-fighting Measures

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| Flash Point | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Auto Ignition | Not determined |
| Extinguishing Media | Use methods appropriate for the surrounding fire. Consider water spray or plenty of water. |
| Products of Combustion | Upon combustion this product may emit carbon oxides and nitrogen oxides |
| Fire Fighting Equipment and Procedures | Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and selfcontained breathing apparatus. |

6. Accidental Release Measures

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| Personal precautions | Read entire label before using and follow all label directions. |
| Environmental precautions | Prevent discharge to open waters |
| Method of Containment | Absorb spilled liquids in suitable inert material such as clay, vermiculite or diatomaceous earth. |
| Method for Clean-Up | Ventilate area of spill or leak. Wash affected area with dilute ammonia or dilute sodium thiosulfate solution and large amount of water. Waste material may be incinerated under controlled conditions where permitted. |

7. Handling and Storage

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| Handling | Do not take internally. Do not consume food, drink or smoke while handling this product. |
| | Keep out of reach of children. |
| Storage | Store at room temperature in tightly closed container and well ventilated place. |

8. Exposure controls and personal protection

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| Engineering Controls | Normal room ventilation is usually adequate under normal use. |
| Personal Protective Equipment (PPE) | |
| Eye/Face Protection | Safety glass is recommended |
| Skin Protection | Wear adequate clothing and rubber/nitrile gloves |
| Respiratory Protection | None needed under normal use. |
| General Hygiene Considerations | Wash hands after use. |

9. Physical and chemical properties

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| Appearance | Dark reddish brown liquid |
| Odor | Slight characteristic odor |
| Odor Threshold | Not determined |
| pH | 1.5 - 6.5 |

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| Melting point /Freezing Point | Not determined |
| Boiling point/range | Not determined |
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability | Not flammable |
| Upper/Lower Flammability | Not determined |
| Vapor Pressure | Not determined |
| Vapor Density | Not determined |
| Relative Density | 1.04 |
| Solubility in water | Miscible in water |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Not determined |
| Decomposition Temperature | Not determined |
| Viscosity | Not determined |

10. Stability and reactivity

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| Reactivity | Not reactive |
| Chemical stability | Stable under normal ambient temperatures (70°F) |
| Possibility of hazardous reactions | Not determined. |
| Conditions to avoid | Freezing and extreme heat |
| Incompatible materials | Not determined |
| Hazardous decomposition products | May produce iodine vapors and other gases |

11. Toxicological information

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| Acute toxicity | Not determined. |
| Skin irritation | Not determined |
| Eye contact damage | Not determined |
| Respiratory damage | Not determined |
| Ingestion overdose | Liquid may be irritating to eyes, skin and mucous membranes. |
| Delayed, immediate, or chronic effects from short- and long-term exposure | Not determined. |
| LD50 | Not determined. |
| Symptoms associated with exposure | None expected: May cause skin irritation to sensitive people. |
| Carcinogenicity | |
| OSHA | Not listed |
| NTP | Not listed |
| IARC | Not listed |

12. Ecological information

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| Acute or chronic aquatic toxicity | Not determined. |
| Chemical degradation | Not determined. |
| Biodegradation | Not determined. |
| Bioaccumulation potential | Not determined. |
| Adsorption studies or leaching studies | Not determined. |
| Other adverse effects | Not determined. |

13. Disposal considerations

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Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. Transport information

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| DOT Hazard Classification | Non-Hazardous |
| UN number | Not applicable |
| UN proper shipping name | Not applicable |
| Transport hazard class(es) | Not applicable |
| Packaging group | Not applicable |
| Environmental hazards | Not applicable |
| Special precautions | Avoid extreme heat |

15. Regulatory information

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Not determined

16. Other information

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Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.