

**MATERIAL SAFETY DATA SHEET**  
**RIODINE SOLUTION 10% (Povidone-Iodine)**
**1. Identification of the Product and Company**

<b>Product Name:</b>	<b>RIODINE SOLUTION 10% (Povidone-Iodine)</b>
<b>Product Code:</b>	RIO01561F, RIO01147F, RIO01598F, RIO00802F
<b>Other Names:</b>	None allocated
<b>Use:</b>	Antiseptic solution for treatment of minor skin infections.
<b>Company Name &amp; Contact Details</b>	Drug Information Pharmacist ORION Laboratories Pty Ltd ABN 56 009 293 136 25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA <b>Telephone (all hours): +618 9441 7800</b> FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110 EMAIL: customerservice@orion.net.au; WEBSITE: www.orion.net.au ORION® is a registered trademark of Orion Laboratories Pty Ltd
<b>Other Information</b>	All reasonable care has been taken to ensure information and advice contained in this data sheet is accurate at time of printing. However, Orion accepts no liability for any loss or damages suffered as a consequence of reliance on the information contained herein.

**2. Hazards Identification**

<b>Hazard Classification</b>	This product is not hazardous or dangerous
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**3. Composition/Information on Ingredients**

<b>Chemical Entity</b>	<b>CAS No:</b>	<b>Proportion</b>
Povidone-Iodine	25655-41-8	10% - < 30%
Teric N10	-	<10%
Polyethylene Glycol 400	-	<10%
Citric Acid (anhydrous)	-	<10%
Sodium Phosphate	-	<10%
Purified Water	7732-18-5	to 100%

**4. First Aid Measures**

<b>Inhalation:</b>	Move patient to fresh air.
<b>Ingestion:</b>	If large volumes are swallowed, contact a doctor or Poisons Information Centre.
<b>Skin:</b>	If irritation occurs, discontinue and wash off with water.
<b>Eye:</b>	If in eyes hold eyes open and flood with cold water for at least 15 minutes. Seek medical advice.
<b>Advice to Doctor:</b>	No data available. LD <sub>50</sub> 36.16mL/kg orally in rats.

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### 5. Fire Fighting Measures

<b>Extinguishing Media</b>	Use media which is best suited to surrounding fire.
<b>Hazards from Combustion products</b>	Carbon oxides and nitrogen oxides
<b>Precautions &amp; Equipment for Fire Fighters</b>	Not considered to be a fire risk. Fire-fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely.
<b>Hazchem Code</b>	None allocated

### 6. Accidental Release Measure

Absorb spills with sand, absorbent paper or similar and discard. Wash area down with excess water.  
Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.

### 7. Handling and Storage

<b>Safe Handling Practices</b>	Use safe handling practices at all times. Wash hands after handling.
<b>Storage</b>	Store below 25°C. Store away from foodstuffs.
<b>Other Information</b>	No data available.

### 8. Exposure Controls; Personal Protection

<b>Exposure Limits:</b>	Exposure limits have not been ascertained.
<b>Engineering Controls</b>	Special precautions are not necessary. Use with adequate ventilation at all times.
<b>Personal Protection</b>	Special precautions are not necessary. Wash hands after handling.

### 9. Physical and Chemical Properties

<b>Appearance / Odour:</b>	Dark brown solution with an odour of iodine.		
<b>Available Iodine:</b>	0.85 – 1.2% w/v	<b>Boiling Point:</b>	No data available
<b>pH:</b>	0.35 – 5.0	<b>Freezing/Melting Point:</b>	No data available
<b>Vapour Pressure:</b>	No data available	<b>Solubility:</b>	Miscible in water @ 20°C
<b>Vapour Density:</b>	No data available	<b>Specific Gravity or Density:</b>	1.03 – 1.05 g/mL

### 10. Chemical Stability and Reactivity Information

<b>Conditions Contributing to Instability</b>	Stable under normal conditions of use.
<b>Hazardous Polymerisation:</b>	Will not occur
<b>Conditions &amp; Materials to Avoid:</b>	Heat causes decrease in available vapours.
<b>Hazardous Decomposition Products:</b>	May product iodine vapours.

### 11. Toxicological Information

<b>Inhalation:</b>	There is no evidence of adverse effects from inhalation of povidone iodine solutions.
<b>Ingestion:</b>	There is no evidence of adverse effect. Susceptible persons may suffer diarrhoea or intestinal problems. If swallowed, systemic absorption of iodine may occur.
<b>Skin:</b>	Rare hypersensitivity reactions have been reported. Should not be applied to deep cuts.
<b>Eye:</b>	May cause irritation and stinging.

### 12. Ecological Information

<b>Mobility:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Ecotoxicity:</b>	No data available. The product and its degradation products are not toxic.

### 13. Disposal Considerations

<b>Disposal Methods &amp; Containers:</b>	Rinse containers in water prior to disposing. Containers may be recycled where permitted/ possible.
<b>Special Disposal for Landfill or Incineration:</b>	Waste material may be incinerated under controlled conditions where permitted. Refer to local Waste Management Authority Regulations for other approved methods.

### 14. Transport Information

<b>UN Number:</b>	None allocated
<b>UN Proper Shipping Name:</b>	None allocated
<b>DG Class &amp; Subsidiary Risk:</b>	None allocated
<b>Packing Group:</b>	None allocated
<b>Hazchem Code:</b>	None allocated

### 15. Regulatory Information

Not classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

### 16. Other Information

<b>References:</b>	<ul style="list-style-type: none"><li>• <i>MSDS Povidone-Iodine 10/09/2005</i> Science Lab.com</li><li>• <i>MSDS Ovadine January 10, 2005</i> Syndel International Inc.</li></ul>
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Checked by: Anna McLean	Date: August 2006
Approved by: Robert Kimpton	Date: August 2006

Revision Information: General review.  
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