

**MATERIAL SAFETY DATA SHEET**  
**RIODINE POVIDONE-IODINE ANTISEPTIC OINTMENT**

**1. Identification of the Product and Company**

**Product Name:** RIODINE POVIDONE – IODINE ANTISEPTIC OINTMENT  
**Product Code:** RIO02810F  
**Other Names:** None allocated  
**Use:** For the treatment of minor cuts and abrasions and minor skin infections.  
**Company Name & Contact Details** Medical Information Associate  
 Distributed by Perrigo Australia  
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**Other Information** 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**

**Hazard Classification** This product is not hazardous or dangerous  
**Risk phrase(s)** No component is present at sufficient concentration to require a hazardous classification

**3. Composition/Information on Ingredients**

Chemical Entity	CAS No:	Proportion
Povidone-Iodine USP	25655-41-8	10 - 30% w/w
Glycerol BP	56-81-5	10 - 30% w/w
Polyethylene Glycol BP	25322-68-3	60 - 100% w/w
Purified Water BP	7732-18-5	10 - 30% w/w

**4. First Aid Measures**

**Inhalation:** Move patient to fresh air.  
**Ingestion:** Give 2-3 cupfuls of water or milk to drink. Contact a doctor or Poisons Information Centre (Australia 13 11 26).  
**Skin:** Remove contaminated clothing & launder before re-use. Remove excess and wash skin thoroughly with water.  
**Eye:** Remove excess. Hold eye lids open and flush with gently running water for at least 15 minutes. Seek medical advice.  
**Advice to Doctor:** Treat symptomatically.  
 Chronic overexposure to iodine may induce hyperthyroidism.

# MATERIAL SAFETY DATA SHEET

## RIODINE POVIDONE-IODINE ANTISEPTIC OINTMENT

Page 2:3

### 5. Fire Fighting Measures

<b>Extinguishing Media</b>	Use appropriate media for surrounding fire. Water spray, dry chemical, alcohol foam and carbon dioxide are suitable.
<b>Hazards from Combustion products</b>	The following may be emitted during combustion: nitrogen oxides (NO <sub>x</sub> ), carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), hydrogen cyanide and iodine.
<b>Precautions &amp; Equipment for Fire Fighters</b>	Fire fighters to wear self contained breathing apparatus as toxic fumes are likely to be emitted.
<b>Hazchem Code</b>	None allocated

### 6. Accidental Release Measure

Collect and seal in properly labelled containers for disposal. Wash area down with excess water. Do not allow run-off to enter waterways.

### 7. Handling and Storage

<b>Safe Handling Practices</b>	Special precautions are not necessary, under normal conditions of use.
<b>Storage</b>	Store below 25°C.
<b>Other Information</b>	Rare cases of sensitivity to iodine have been reported. In the event that skin irritation and sensitivity occurs, discontinue use. This product is a recognised antimicrobial agent.

### 8. Exposure Controls; Personal Protection

<b>Exposure Limits:</b>	Exposure limits have not been ascertained for this product.
<b>Engineering Controls</b>	Special precautions are not necessary. Maintain adequate ventilation at all times.
<b>Personal Protection</b>	Special requirements are not necessary; however, sensitivity to iodine has been reported so avoid unnecessary or prolonged skin exposure.

### 9. Physical and Chemical Properties

<b>Appearance/Odour:</b>	A deep brown viscous ointment with a faint odour characteristic of iodine.
<b>pH (1 in 20 w/v):</b>	2.0 – 6.0
<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Freezing/Melting Point:</b>	No data available
<b>Available Iodine:</b>	0.85% - 1.20% w/w
<b>Solubility:</b>	Miscible in water
<b>Specific Gravity or Density:</b>	No data available

### 10. Chemical Stability and Reactivity Information

<b>Conditions Contributing to Instability</b>	This product is stable.
<b>Hazardous Decomposition Products:</b>	The following may be emitted during combustion: nitrogen oxides (NO <sub>x</sub> ), carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), hydrogen cyanide and iodine.

# MATERIAL SAFETY DATA SHEET

## RIODINE POVIDONE-IODINE ANTISEPTIC OINTMENT

Page 3:3

### 11. Toxicological Information

<b>Inhalation:</b>	Direct contact of product with mucous membranes may cause irritation and uptake of iodine into the body.
<b>Ingestion:</b>	May cause gastric disturbances.
<b>Skin:</b>	May cause slight irritation in susceptible persons. Overexposure may occur if excessive amounts are absorbed through broken skin, burns or deep wounds.
<b>Eye:</b>	Likely to cause irritation and redness.

### 12. Ecological Information

<b>Mobility:</b>	No data available.
<b>Persistence and Degradability:</b>	No data available.
<b>Ecotoxicity:</b>	No data available for Viodine Antiseptic Ointment. Povidone-Iodine: Acute oral toxicity Rat LD50:8000mg/kg Oral rat LD50: PEG 400: 30.2g/kg; PEG 4000: 50g/kg Avoid discharge into water ways.

### 13. Disposal Considerations

<b>Disposal Methods &amp; Containers:</b>	Collect and seal in properly labelled containers for disposal.
<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 scheduled 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>Science Lab.com, MSDS <i>Povidone-Iodine 11/06/2008</i></li><li>Malinckrodt Baker Inc, MSDS <i>Polyethylene Glycol P5029 11/21/08</i></li></ul>
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END OF MSDS