1. Identification of the Product and Company

Product Name: HERRON RIODINE ANTISEPTIC SOLUTION
Product Code: RIO01561F, RIO01598F, RIO00802F
Other Names: None allocated
Use: Antiseptic solution for antisepsis of minor cuts, wounds, abrasions and treatment of minor skin infections.

Company Name & Contact Details
Distributed by Perrigo Australia
Orion Laboratories Pty. Ltd., trading as Perrigo Australia
ABN 56 009 293 136
25-29 Delawney Street, Balcatta, Western Australia 6021 AUSTRALIA
Telephone (all hours): +61 8 9441 7800
FREE PHONE: 1800 805 546 FREE FAX: 1800 004 110
EMAIL: customerservice@perrigo.com.au; WEBSITE: www.perrigo.com.au

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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

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Entity</th>
<th>CAS No:</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Povidone-Iodine</td>
<td>25655-41-8</td>
<td>10% - 30% w/w</td>
</tr>
<tr>
<td>Ethoxylated nonylphenol</td>
<td>9016-45-9</td>
<td>&lt;10% w/w</td>
</tr>
<tr>
<td>Polyethylene Glycol</td>
<td>25322-68-3</td>
<td>&lt;10% w/w</td>
</tr>
<tr>
<td>Citric Acid (anhydrous)</td>
<td>77-92-9</td>
<td>&lt;10% w/w</td>
</tr>
<tr>
<td>Sodium Phosphate</td>
<td>7558-79-4</td>
<td>&lt;10% w/w</td>
</tr>
<tr>
<td>Purified Water</td>
<td>7732-18-5</td>
<td>to 100% w/v</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Inhalation: Move patient to fresh air.
Ingestion: If large volumes are swallowed, contact a doctor or Poisons Information Centre (Australia 13 11 26).
Skin: If irritation occurs, discontinue and wash off with water.
Eye: If in eyes hold eyes open and flood with cold water for at least 15 minutes. Seek medical advice.
Advice to Doctor: No data available.

5. Fire Fighting Measures

Extinguishing Media: Use media which is best suited to surrounding fire.
Hazards from Combustion products: Carbon oxides and nitrogen oxides
Precautions & Equipment for Fire Fighters: Not considered to be a fire risk. Fire-fighters should wear self-contained breathing apparatus as exposure to vapour or combustion products is likely.
Hazchem Code: 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
Safe Handling Practices
Use safe handling practices at all times. Wash hands after handling.

Storage
Store below 25°C. Store away from foodstuffs.

Other Information
No data available.

8. Exposure Controls; Personal Protection
Exposure Limits:
Exposure limits have not been ascertained.

Engineering Controls
Special precautions are not necessary. Use with adequate ventilation at all times.

Personal Protection
Special precautions are not necessary. Wash hands after handling.

9. Physical and Chemical Properties
Appearance / Odour:
Dark brown solution with an odour of iodine.

Available Iodine:
0.85 – 1.2% w/v
Boiling Point:
No data available

pH:
3.0 – 5.5
Freezing/Melting Point:
No data available

Vapour Pressure:
No data available
Solubility:
Miscible in water @ 20°C

Vapour Density:
No data available
Specific Gravity or Density:
1.03 – 1.05 g/mL

10. Chemical Stability and Reactivity Information
Conditions Contributing to Instability
Stable under normal conditions of use.

Hazardous Polymerisation:
Will not occur

Conditions & Materials to Avoid:
Heat causes decrease in available vapours.

Hazardous Decomposition Products:
May product iodine vapours.

11. Toxicological Information
Inhalation:
There is no evidence of adverse effects from inhalation of povidone iodine solutions.

Ingestion:
There is no evidence of adverse effect. Susceptible persons may suffer diarrhoea or intestinal problems. If swallowed, systemic absorption of iodine may occur.

Skin:
Rare hypersensitivity reactions have been reported. Should not be applied to deep cuts.

Eye:
May cause irritation and stinging.

Acute oral toxicity:
Povidone-iodine: (LD50): 8000 mg/kg [Rat], 8100 mg/kg [Mouse].
### 12. Ecological Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobility</td>
<td>No data available</td>
</tr>
<tr>
<td>Persistence and Degradability</td>
<td>No data available</td>
</tr>
<tr>
<td>Ecotoxicity</td>
<td>No data available. The product and its degradation products are not toxic.</td>
</tr>
</tbody>
</table>

### 13. Disposal Considerations

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

### 14. Transport Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>None allocated</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>None allocated</td>
</tr>
<tr>
<td>DG Class &amp; Subsidiary Risk</td>
<td>None allocated</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None allocated</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>None allocated</td>
</tr>
</tbody>
</table>

### 15. Regulatory Information

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

### 16. Other Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>References</td>
<td>- <strong>MSDS Povidone-Iodine 11/06/2008 Science Lab.com</strong></td>
</tr>
</tbody>
</table>

END OF MSDS