

MATERIAL SAFETY DATA SHEET
RIODINE POVIDONE-IODINE ANTISEPTIC SOLUTION

1. Identification of the Product and Company

Product Name: RIODINE POVIDONE-IODINE ANTISEPTIC SOLUTION

Product Code: RIO01561F, RIO01598F, RIO00802F

Other Names: None allocated

Use: Antiseptic solution for antiseptis of minor cuts, wounds, abrasions and treatment of minor skin infections.

Company Name & Contact Details
 Medical Information Associate
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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

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

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

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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

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

13. Disposal Considerations

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

14. Transport Information

UN Number:	None allocated
UN Proper Shipping Name:	None allocated
DG Class & Subsidiary Risk:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated

15. Regulatory Information

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

16. Other Information

References:	<ul style="list-style-type: none">• <i>MSDS Povidone-Iodine 11/06/2008</i> Science Lab.com
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