

**MATERIAL SAFETY DATA SHEET**  
**VIODINE GARGLE**
**1. Identification of the Product and Company**

<b>Product Name:</b>	<b>VIODINE GARGLE</b>
<b>Product Code:</b>	VIO01816F
<b>Other Names:</b>	None allocated
<b>Use:</b>	For the treatment of sore throats. Kills most bacteria or viruses associated with sore throats within 30 seconds of contact.
<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
<b>Other Information</b>	ORION® is a registered trademark of Orion Laboratories Pty Ltd 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**

<b>Chemical Entity</b>	<b>CAS No:</b>	<b>Proportion</b>
Povidone-Iodine USP	25655-41-8	< 10% w/v
Ethanol BP	64-17-5	10 – 30% v/v
Menthol BP	-	< 10% w/v
Cineole BPC '73	-	< 10% w/v
Purified Water BP	7732-18-5	to 100% v/v

**4. First Aid Measures**

<b>Inhalation:</b>	Remove patient to fresh air and seek medical advice if necessary
<b>Ingestion:</b>	If large volumes are swallowed, contact a doctor or Poisons Information Centre.
<b>Skin:</b>	Wash with water. Remove contaminated clothing. If irritation occurs seek medical advice.
<b>Eye:</b>	Hold eyes open and irrigate with gently running water for at least 15 minutes. Seek medical attention.
<b>Advice to Doctor:</b>	Treat symptomatically.

# MATERIAL SAFETY DATA SHEET

## VIODINE GARGLE

Page 2:3

### 5. Fire Fighting Measures

<b>Extinguishing Media</b>	The following media may be used: Water fog, carbon dioxide, dry chemical powder, or alcohol stable foam.
<b>Hazards from Combustion products</b>	On burning may emit toxic fumes including carbon monoxide and carbon dioxide.
<b>Precautions &amp; Equipment for Fire Fighters</b>	Not flammable, though it may be combustible. 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

Small spills: Absorb spills with absorbent paper or similar and discard. Wash area down with excess water.  
Large spills: Absorb with an inert material such as sand or vermiculite. Wash area down with excess water.

### 7. Handling and Storage

<b>Safe Handling Practices</b>	Use safe handling practices at all times. Wash hands after use.
<b>Storage</b>	Store below 25°C
<b>Other Information</b>	Keep out of reach of children.

### 8. Exposure Controls; Personal Protection

<b>Exposure Limits:</b>	Threshold Limit Values (TLV) for Viodine Gargle have not been determined.
<b>Engineering Controls</b>	Special precautions are not necessary under normal use conditions.
<b>Personal Protection</b>	Special precautions are not necessary under normal use conditions. If irritation occurs, discontinue use.

### 9. Physical and Chemical Properties

<b>Appearance / Odour:</b>	A deep brown liquid with characteristic odour of menthol and cineole.
<b>pH (1 in 20 dilution):</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>Solubility:</b>	Soluble in water @ 20°C
<b>Specific Gravity or Density:</b>	0.97 – 1.00g/mL

### 10. Chemical Stability and Reactivity Information

<b>Conditions Contributing to Instability</b>	Stable under normal conditions of use.
<b>Hazardous Decomposition Products:</b>	Burning can produce carbon monoxide and/or carbon dioxide

# MATERIAL SAFETY DATA SHEET

## VIODINE GARGLE

Page 3:3

### 11. Toxicological Information

<b>Inhalation:</b>	Not expected to cause problems.
<b>Ingestion:</b>	An over dosage of iodine can lead to acute iodine toxicity. Effects of acute iodine toxicity include abdominal symptoms, insufficient production of urine, circulatory failure, metabolic abnormalities or fluid retention in the lungs or windpipe which can cause asphyxiation.
<b>Skin:</b>	Sensitivity to iodine has been reported.
<b>Eye:</b>	May cause irritation to the eye
<b>Toxicity to Animals:</b>	Acute oral toxicity (LD50): 8000mg/kg [Rat] – Povidone-Iodine 100%

### 12. Ecological Information

<b>Mobility:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Ecotoxicity:</b>	No data available

### 13. Disposal Considerations

<b>Disposal Methods &amp; Containers:</b>	Decontaminate empty containers by rinsing in water. Empty containers may be re-cycled where permitted.
<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>MSDS Povidone-Iodine 10/09/2005 Science Lab.com</li><li>MSDS Ethanol MSDS-022 03/2005 CSR Distilleries Operations Pty Ltd</li></ul>
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Checked by: Anna McLean	Date: August 2007
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Date	Document	Superseded Document	Revision Information
9/08/2007	VIO00986_03	VIO00986_2_MSDS February 2004	General review, new format

END OF MSDS