

**MATERIAL SAFETY DATA SHEET**  
**CALAMINE LOTION B.P.**
**1. Identification of the Product and Company**

<b>Product Name:</b>	<b>CALAMINE LOTION B.P.</b>
<b>Product Code:</b>	CAL00786F, CAL00787F
<b>Other Names:</b>	None allocated
<b>Use:</b>	For the relief of minor skin irritations, insect bites and sunburn.
<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
<b>Risk phrase(s)</b>	No component is present at sufficient concentration to require a hazardous classification
<b>Safety phrase(s)</b>	None allocated

**3. Composition/Information on Ingredients**

<b>Chemical Entity</b>	<b>CAS No:</b>	<b>Proportion</b>
Calamine	8011-96-9	15%
Glycerol	56-81-5	6.3%
Zinc Oxide	1314-13-2	5%
Bentonite	-	3%
Sodium Citrate .2H <sub>2</sub> O	-	0.5%
Liquefied Phenol	108-95-2	0.5%
Purified Water	7732-18-5	To 100%

**4. First Aid Measures**

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	If large quantities are swallowed, contact a doctor or Poisons Information Centre.
<b>Skin:</b>	If a sensitivity reaction occurs, wash off with water and discontinue use.
<b>Eye:</b>	If in eyes hold eyes open, flush with gently running water for at least 15 minutes.
<b>Advice to Doctor:</b>	Treat symptomatically.

## 5. Fire Fighting Measures

<b>Extinguishing Media</b>	Any means suitable for surrounding fire.
<b>Hazards from Combustion products</b>	Thermal decomposition produces toxic fumes.
<b>Precautions &amp; Equipment for Fire Fighters</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.
<b>Hazchem Code</b>	None allocated.

## 6. Accidental Release Measure

Contain using an absorbent material (sand, sawdust, vermiculite) where appropriate. Collect and seal in properly labelled containers for disposal. 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>	Not considered hazardous. T
<b>Storage</b>	Not considered dangerous for the purposes of transport and storage. Store below 30°C.
<b>Other Information</b>	Store away from foodstuffs.

## 8. Exposure Controls; Personal Protection

<b>Exposure Limits:</b>	There are no known Threshold Limit Values (TLV) for Calamine Lotion.
<b>Engineering Controls</b>	Precautions are not usually required. Ensure adequate ventilation at all times.
<b>Personal Protection</b>	Avoid contact with eyes.

## 9. Physical and Chemical Properties

<b>Appearance &amp; Odour:</b>	A pale pink suspension, which has a phenolic odour.
<b>pH:</b>	9.0 – 10.0
<b>Vapour Pressure/ Density:</b>	Not known
<b>Relative Density:</b>	1.163 – 1.183
<b>Boiling Point:</b>	Not known
<b>Freezing/Melting Point:</b>	Not known
<b>Solubility:</b>	Miscible
<b>Specific Gravity or Density:</b>	1.16 – 1.16 g/mL
<b>Zinc Content:</b>	11.6 – 13.5% w/v

## 10. Chemical Stability and Reactivity Information

<b>Conditions Contributing to Instability</b>	Stable under normal conditions of use.
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**11. Toxicological Information**

**Inhalation:** May irritate mucous membranes.  
**Ingestion:** May cause irritation.  
**Skin:** May irritate broken or blistered skin.  
**Eye:** Irritates the eyes.

**12. Ecological Information**

**Mobility:** Stable  
**Persistence and Degradability:** No data available  
**Ecotoxicity:** May be hazardous to aquatic life.

**13. Disposal Considerations**

**Disposal Methods & Containers:** Collect and seal in properly labelled containers for disposal.  
**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 classified using the criteria in the Standard Uniform Schedule for Drugs and Poisons.

**16. Other Information**

**References:**

1. *MSDS Calamine C0181 05/07/03* Mallinckrodt Chemicals.
2. *MSDS Zinc Oxide Rev 0 1/1/2003* Science Stuff Inc.
3. *MSDS Bentonite Rev 0 1/1/2003* Science Stuff Inc
4. *MSDS Sodium Citrate Rev 0 1/1/2003* Science Stuff Inc
5. *MSDS Phenol Liquified Rev 0 1/1/2003* Science Stuff Inc
6. *MSDS Glycerol Rev 1 1/1/2003* Science Stuff Inc

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Date	Document	Superseded Document	Revision Information
April 2008	CAL00066_06 April 2008	CAL00066_5 April 2005	General review

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