

MATERIAL SAFETY DATA SHEET
CALAMINE LOTION B.P.

1. Identification of the Product and Company

Product Name: CALAMINE LOTION B.P.

Product Code: CAL00786F

Other Names: None allocated

Use: For the relief of minor skin irritations, insect bites and sunburn.

Company Name & Contact Details
Drug Information Pharmacist
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Other Information
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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

Safety phrase(s) None allocated

3. Composition/Information on Ingredients

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

4. First Aid Measures

Inhalation: No data available.

Ingestion: If large quantities are swallowed, contact a doctor or Poisons Information Centre.

Skin: If a sensitivity reaction occurs, wash off with water and discontinue use.

Eye: If in eyes hold eyes open, flush with gently running water for at least 15 minutes.

Advice to Doctor: Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media	Any means suitable for surrounding fire.
Hazards from Combustion products	Thermal decomposition produces toxic fumes.
Precautions & Equipment for Fire Fighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.
Hazchem Code	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

Safe Handling Practices	Not considered hazardous. T
Storage	Not considered dangerous for the purposes of transport and storage. Store below 30°C.
Other Information	Store away from foodstuffs.

8. Exposure Controls; Personal Protection

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

9. Physical and Chemical Properties

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

10. Chemical Stability and Reactivity Information

Conditions Contributing to Instability	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

Checked by: Anna McLean	Date: June 2011
Approved by: Robert Kimpton	Date: June 2011

Date	Document	Superseded Document	Revision Information
April 2008	CAL00066_06 April 2008	CAL00066_5 April 2005	General review
June 2011	CAL00066_07 June 2011	CAL00066_06 April 2008	General review, discontinued pack size

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