

1. Identification

Product Code **CC2122-58**

Product Name **CALCIUM OXIDE LUMP**

Molecular Formula **CaO =56.08**

CAS Number **1305-78-8**

Supplier:  **BEECROFT & PARTNERS**
Northfield Road
Rotherham
South Yorkshire

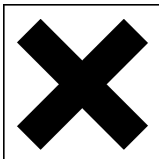
Phone **01709-377881**

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24hr 112
(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Calcium oxide	1305-78-8	215-138-9	> 95.0%	Xi : R41	OES

3. Hazards Identification

Risk of serious damage to eyes. Irritating to skin.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION URGENTLY.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash before re-use. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure.

Ingestion If conscious give plenty of water to drink. If unconscious place in the recovery position. OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Dry chemical powder.

Unsuitable Media If water is used it should be in a large excess to minimise exothermic reactions.

6. Accidental Release Measures

Personal Protection Use approved personal protective equipment. Avoid breathing dust. Do not allow general use of area until it is safe to do so.

Environmental Presents no major environmental hazard.

6. Accidental Release Measures (continued)

Major Spillage	Shovel/sweep up into container for removal Wash to drain with copious amounts of water.
Minor Spillage	Wash to drain with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations below the recommended limits.
Storage Conditions	Well ventilated, cool, dry storage . Protect against ingress of moisture.

8.1 Occupational Exposure Limits

Component	CAS No	Occupational Exposure Standard				Maximum Exposure Limits			
		Long Term		Short Term		Long Term		Short Term	
		ppm	mg m-3	ppm	mg m-3	ppm	mg m-3	ppm	mg m-3
Calcium oxide	1305-78-8	-	2	-	-	-	-	-	-

8.2 Personal Protection

Respiratory	Use L.E.V. or natural ventilation to maintain dust concentrations below exposure limits. If not, use a well maintained chemical cartridge respirator, or use self contained breathing apparatus.
Hands	Use nitrile gloves or PVC gauntlets.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	Off-white granules.
Odour	Odourless.
pH	12 @ 20 °C
Boiling point	2850.0 °C
Melting point	2600.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	3.3700
Water Solubility	Contact with water will generate considerable heat.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Avoid contact with water or water vapour.
Materials to Avoid	Reaction with water may generate sufficient heat to ignite combustible material.
Hazardous Decomposition Products	May produce hazardous fumes if involved in a fire.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes, and may cause burns and corneal opacification.
Skin	Contact with the solid or dust will be irritating to the skin. Repeated exposure may cause dermatitis.

11. Toxicological Information (continued)

LD50 Skin	Not available
Ingest	Causes severe corrosion of the mouth, throat and gastro-intestinal tract.
LD50 Ingest	Not available
Inhalation	Prolonged exposure to dust or fume concentrations above the occupational exposure limits will produce irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	No information is available.
Mutagenicity	No information is available.
Reproductive Effects	No information is available.

12. Ecological

Small amounts present no specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Dilute in a large excess of water and carefully neutralise with an acid, then wash to drain with copious amounts of water
Contaminated Packaging	Wash out containers with water.

14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	Irritant.
Classification	
Label Symbols	Xi 
Risk & safety Phrases	Risk of serious damage to eyes. Irritating to skin. Do not breath dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.
EEC Number	215-138-9

16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC. The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. Revision Date: 6/09/00. Data reviewed and PDF file generated: 07/06/04. Copyright 2004 Beecroft & Partners.
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