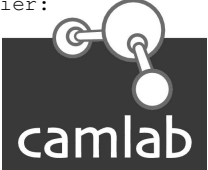


## 1. Identification

Product Code **1111719**

Product Name **MAGNESIUM CARBONATE BASIC LIGHT**

CAS Number **12125-28-9**

Supplier: **CAMLAB LIMITED**  

**Norman Way Industrial Estate  
 Over  
 Cambridge  
 England  
 CB4 5WE**

Phone **01954 233110**

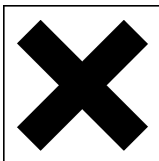
Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**  
**24hr 112**  
**(Have this document to hand)**

## 2. Composition

| Component                         | CAS No    | EEC No    | Conc w/w | Classification & Risk Phrases | Exp (See 8.1) |
|-----------------------------------|-----------|-----------|----------|-------------------------------|---------------|
| Magnesium oxide (respirable dust) | 1309-48-4 | 215-171-9 | 45.0%    | Xi :                          | WEL           |

## 3. Hazards Identification



Irritating to eyes.

## 4. First Aid Measures

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

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

## 5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

## 6. Accidental Release Measures

Personal Protection Presents no major hazards.

Environmental Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

Major Spillage Shovel/sweep up into container for removal Wash area down with copious amounts of water.

## 6. Accidental Release Measures (continued)

Minor Spillage            Wash area down 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 to a minimum.

Storage Conditions      Well ventilated, cool, dry storage . Product is hygroscopic: store in sealed containers away from heat, light and humidity.

## 8.1 Workplace Exposure Limits

| Component                         | CAS No    | Workplace Exposure Limits |                    |            |                    | Maximum Exposure Limits |                    |            |                    |
|-----------------------------------|-----------|---------------------------|--------------------|------------|--------------------|-------------------------|--------------------|------------|--------------------|
|                                   |           | Long Term                 |                    | Short Term |                    | Long Term               |                    | Short Term |                    |
|                                   |           | ppm                       | mg m <sup>-3</sup> | ppm        | mg m <sup>-3</sup> | ppm                     | mg m <sup>-3</sup> | ppm        | mg m <sup>-3</sup> |
| Magnesium oxide (respirable dust) | 1309-48-4 | -                         | 10.00              | -          | -                  | -                       | -                  | -          | -                  |

## 8.2 Personal Protection

Respiratory              If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.  
  
Hands                      Wear gloves.  
  
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              White powder.  
Odour                      No specific odour.  
pH                          12 @ 20 °C  
Boiling point             Not available  
Melting point             891.0 °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         Not available  
Water Solubility         Practically insoluble in water.

## 10. Stability & Reactivity

Chemical Stability        Stable under normal conditions  
  
Conditions to Avoid      Avoid ingress of water and contact with acids.  
  
Materials to Avoid        Acids.  
  
Hazardous                 None unusual.  
Decomposition Products

## 11. Toxicological Information

Eyes                        The solid and solutions will be irritating to the eyes.  
  
Skin                        The solid and solutions will be irritating to the skin.  
  
LD50 Skin                 Not available  
  
Ingest                      Low order of acute toxicity.  
  
LD50 Ingest                Not available

## 11. Toxicological Information (continued)

|                      |  |
|----------------------|--|
| Inhalation           | Presents no significant health hazard by inhalation. |
| Carcinogenicity      | Not considered to be a carcinogen.                   |
| Mutagenicity         | Not considered to be a mutagen.                      |
| Reproductive Effects | None identified.                                     |

## 12. Ecological

No specific environmental hazard.

## 13. Disposal Considerations

|                        |  |
|------------------------|--|
| Disposal Methods       | Flush to drain.  |
| Contaminated Packaging | Wash out containers with water. Use a licensed waste disposer. |

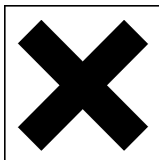
## 14. Transport Information

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

## 15. Regulatory Information

|                |           |
|----------------|-----------|
| Labelling      | Irritant. |
| Classification |           |

Label Symbols Xi



|                       |   |
|-----------------------|---|
| Risk & safety Phrases | Irritating to eyes. Do not breath dust. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| EEC Number            | 235-192-7   |

## 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: 15/03/01.

Data reviewed and PDF file generated: 17/03/10.

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