



# SAFETY DATA SHEET

## CALCIUM CARBONATE

---

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

---

PRODUCT NAME	CALCIUM CARBONATE
PRODUCT NO.	RM049
SUPPLIER	J M Loveridge Limited Southbrook Road, Southampton Hampshire SO15 1BH +44 (0) 238 022 2008 +44 (0) 238 022 2117

---

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

---

CAS-NO.	471-34-1
---------	----------

---

### 3 HAZARDS IDENTIFICATION

---

Avoid exposure to dust.

CLASSIFICATION	-
----------------	---

---

### 4 FIRST-AID MEASURES

---

#### GENERAL INFORMATION

IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

#### INHALATION

Remove affected person from exposure, rest and keep warm. If recovery not rapid or complete seek medical attention.

#### INGESTION

DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Obtain medical attention if adverse symptoms occur.

#### SKIN CONTACT

Causes mechanical irritation. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

#### EYE CONTACT

Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

---

### 5 FIRE-FIGHTING MEASURES

---

#### EXTINGUISHING MEDIA

Use extinguishing media suitable against surrounding fire or the cause of fire.

---

### 6 ACCIDENTAL RELEASE MEASURES

---

#### PERSONAL PRECAUTIONS

Avoid breathing dust.

#### ENVIRONMENTAL PRECAUTIONS

Prevent contamination of soil, drains and surface water.

#### SPILL CLEAN UP METHODS

Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.

---

### 7 HANDLING AND STORAGE

---

#### USAGE PRECAUTIONS

The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals. Ensure good ventilation and local exhaust extraction in work place.

# CALCIUM CARBONATE

## STORAGE PRECAUTIONS

In a securely sealed original container.

---

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

---

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
CALCIUM CARBONATE	WEL		10 mg/m3 total dust		

### INGREDIENT COMMENTS

For occupational exposure limits refer to the current edition of EH40/2005 Workplace exposure limits The above quoted limit refers to exposure as inhalable dust; for same ref. period, the value for respirable dust is 4 mg.m3.

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If unable to control dust emissions below WEL, for short periods of work, use an approved respiratory protective equipment offering P2 level of protection.

### HAND PROTECTION

Use protective gloves.

### EYE PROTECTION

Use eye protection if eye contact is likely.

### OTHER PROTECTION

Wear personal protective equipment appropriate to the quantity of material handled.

### HYGIENE MEASURES

Regularly vacuum dust to minimise the potential of air-borne exposure.

---

## 9 PHYSICAL AND CHEMICAL PROPERTIES

---

APPEARANCE	White powder.
SOLUBILITY	Insoluble in water Soluble in acids.
RELATIVE DENSITY	2.7 - 2.9 g/cm3

---

## 10 STABILITY AND REACTIVITY

---

### STABILITY

Stable under normal conditions of use.

### MATERIALS TO AVOID

Reacts with acids liberating carbon dioxide.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide (CO2).

---

## 11 TOXICOLOGICAL INFORMATION

---

### INHALATION

High concentration of dust may cause transient irritation to upper respiratory tract.

### INGESTION

Ingestion of small amounts is unlikely to cause adverse effects.

### SKIN CONTACT

Repeated or prolonged contact may cause mild irritation and / or drying of skin.

### EYE CONTACT

Dust may cause mechanical irritation to eyes.

---

## 12 ECOLOGICAL INFORMATION

---

### ECOTOXICITY

No specific data or information available regarding environmental impact. Naturally occurring mineral substance; integral component of natural waters.

### MOBILITY

Insoluble in water. (can be separated from aqueous systems by sedimentation and/or filtration techniques.

# CALCIUM CARBONATE

---

## 13 DISPOSAL CONSIDERATIONS

---

### DISPOSAL METHODS

Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.

---

## 14 TRANSPORT INFORMATION

---

### GENERAL

Not subject to the provisions of ADR.

---

## 15 REGULATORY INFORMATION

---

### UK REGULATORY REFERENCES

Chemicals [Hazard Information and Packaging for Supply] Regulations 2002 [as amended].

---

## 16 OTHER INFORMATION

---

### INFORMATION SOURCES

This product has been classified in accordance with CHIP3 Regulations; (CHIP 2002 as amended).

### REVISION COMMENTS

Edition 03; Revision to Sect. 8; revised to Workplace Exposure Limits [WEL]

### ISSUED BY

MK

SDS NO. 20044

DATE 28/05/06

### DISCLAIMER

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this SDS is to the best of JML's knowledge correct at the time of publication. However, no guarantee is given to its accuracy, reliability or completeness and the information may not be valid if the product is used in combination with other material or process. It is the responsibility of the user to ensure that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulatory requirements.