



## **SAFETY DATA SHEET: GREY DOLOMITE**

### **1. IDENTIFICATION OF THE SUBSTANCE/COMPANY**

#### **1.1 Product identifiers**

Product name: Grey dolomite (Calcium magnesium carbonate)

#### **1.2 Details of the supplier of the safety data sheet**

Company: OMV PTY Ltd  
108 Pebble Lane,  
Clayville ext.14,  
Olifantsfontein, SA  
Telephone: +27 11 316 4390 (SA)  
Website: [www.omv.co.za](http://www.omv.co.za)

### **2. HAZARDS IDENTIFICATION**

#### **2.1 Classification of substance/mixture**

Product not classified as a hazardous substance.

#### **2.2 Label elements**

No data available.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1 Substances**

Ingredients	CAS Number	Chemical Formula	Concentration
Dolomite	16389-88-1	MgCO <sub>3</sub> ·CaCO <sub>3</sub>	98 %
Quartz	1305-78-8	SiO <sub>2</sub>	>1.90 %

### **4. FIRST AID MEASURES**

#### **4.1 Description of first aid measures**

##### **IF INHALED**

Move to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops.

##### **IN CASE OF SKIN CONTACT**

Wash with soap and water.



#### IN CASE OF EYE CONTACT

Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelids) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or later develops.

#### IF SWALLOWED

If person is conscious, give large quantity of water and induce vomiting; however, never attempt to make an unconscious person drink or vomit. Get immediate medical attention.

### **5. FIRE FIGHTING MEASURES**

#### **5.1 Extinguishing media**

This product is not flammable.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions**

Follow precautions for safe handling described in the safety data sheet.

#### **6.2 Clean-up procedures**

Wear appropriate protective equipment and clothing during clean-up of materials or may liberate dust.

### **7. HANDLING AND STORAGE**

#### **7.1 Handling procedures**

Avoid getting this material into contact with your skin, eyes and inhalation of high concentrations of dust. Observe occupational exposure limits and minimise the risk of inhalation of dust.

#### **7.2 Storage procedures**

Store in a cool, dry, well-ventilated area.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Personal protective equipment**

EYE/FACE PROTECTION



Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated.

#### SKIN PROTECTION

See "Hygiene" section below.

#### RESPIRATORY PROTECTION

For respirable quartz levels that exceed or are likely to exceed an 8-hr TWA of 0.1mg/m<sup>3</sup>, a NIOSH approved dust respirator is recommended.

#### HYGIENE METHODS

Wash dust-exposed skin with soap and water before eating, drinking, smoking, and using toilet facilities. Wash work clothes after each use.

### 8.2 Other control methods

Respirable dust and quartz levels should be monitored regularly. Dust and quartz levels in excess of appropriate exposure limits should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation, process enclosure, and enclosed employee work stations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Colour: Grey  
pH: 5.5 – 6.5  
Moisture: <1 %  
SG: 2.6

## 10. STABILITY AND REACTIVITY

<b>Hazardous reactions:</b>	None under normal conditions of use
<b>Stability:</b>	Product is stable under recommended handling and storage conditions
<b>Conditions to avoid:</b>	Stable
<b>Incompatible materials:</b>	No restrictions
<b>Hazardous decomposition products:</b>	None known

## 11. TOXICOLOGICAL INFORMATION

Not toxic



## **12. ECOLOGICAL INFORMATION**

### **12.1 Ecotoxicity**

Prevent from entering water waste

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Do not allow fine particulate matter to drain into sewer/water supplies. Dispose off contents in accordance with national regulations.

## **14. TRANSPORT INFORMATION**

### **14.1 Transport in bulk**

## **15. REGULATORY INFORMATION**

### **15.1 Applicable regulations**

Refer to country of destination.

## **16. OTHER INFORMATION**

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products.