

## Dolomite (RXSOL-81-8156-050)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

|              |                   |
|--------------|-------------------|
| Product Name | RXSOL-81-8156-050 |
| Product Type | Dolomite          |

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

Stock ::: Mumbai, Kandla, Chennai, Kolkata, Fujairah, Visakhapatnam, Gangavaram, Muscat

|       |                                                          |
|-------|----------------------------------------------------------|
| Phone | +91 22 65113333 / 5555 / 9999 / 27611360                 |
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**Chemical Name: Calcium carbonate, CaCO<sub>3</sub>, approximately 49% w/w; CAS Number 1317-65-3. Magnesium carbonate, MgCO<sub>3</sub>, approximately 35% w/w; CAS number 13717-00-5. Hydrated sodium calcium magnesium alumino-silicate, less than 10% w/w; CAS number 1302-78-9. Approximately 2 - 5% w/w total quartz; CAS number 14808-60-7**

**Characteristics: Beige to tan coloured rain disintegrable granules. Odourless.**

Decomposition Temp: When heated to 800° C liberates carbon dioxide yielding a reactive alkaline powder that reacts exothermically with water.

Melting point: 1,500° C.

Specific Gravity: 2.70 g/cm<sup>3</sup>

## **HEALTH HAZARD**

## **INFORMATION**

Health Effects: Swallowed: Product is essentially non-toxic. Ingestion of a substantial quantity could lead to irritation or physical obstruction of the gastro intestinal system.

Eye: May cause irritation of cornea, burning, itching and redness to the eye.

Skin: Repeated or prolonged exposure may dry out the skin and cause irritation.

Inhaled: Irritation of the lungs, coughing or choking may occur. Chronic effects: For prolonged or repeated exposure exceeding the occupational Exposure limits IARC lists respirable crystalline silica as a lung disease hazard. Overexposure may cause silicosis, cancer, bronchitis, or emphysema. The dolomite powder from which this granular product was manufactured contains less than 0.1% respirable silica.

## **MATERIAL SAFETY DATA**

## **SHEET**

First Aid:

Swallowed: Give small quantities of water only if the patient is not losing consciousness and not convulsing. If gastric disturbance occurs call a doctor.

Eye: Flush with a gentle stream of clean water for 15 minutes. If irritation persists see a doctor.

Skin: Wash off with soap and water.

Inhaled: Remove the patient from the affected area to an area of clean air. If coughing or other symptoms do not subside see a doctor.

## **PRECAUTIONS FOR USE**

Exposure Limits (TWA): 10mg/m<sup>3</sup> inspirable dust as calcium carbonate. 0.2mg/m<sup>3</sup> respirable dust as quartz.

Ventilation: Dust control or extraction to meet exposure limits.

Personal Protection: Wear NIOSH/MSHA approved dust mask, eye protection and skin protection.

Flammability: Non flammable

# ***SAFE HANDLING***

# ***INFORMATION***

Storage and Transportation: Store in a dry well ventilated environment under cover. Not regulated for transport.

Spills and Disposal: Wear a dust mask and sweep up. The granules comprise natural mineral products so can be buried safely.

Fire/Explosion hazard: Not applicable.

Other Information: While not flammable the product may decompose as a result of being heated in a fire to produce calcium and magnesium oxides which will react with water to give a caustic solution.