Material Safety Data Sheet

Dolomite (RXSOL-81-8156-025)

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
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

Chemical Name: Calcium carbonate, CaCO3, approximately 49% w/w; CAS Number 1317-65-3. Magnesium carbonate, MgCO3, 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 800º C liberates carbon dioxide yielding a reactive alkaline powder that reacts exothermically with water.

Melting point: 1,500º C.

Specific Gravity: 2.70 g/cm3

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/m3 inspirable dust as calcium carbonate. 0.2mg/m3 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.