# MATERIAL SAFETY DATA SHEET

**STATEMENT OF HAZARDOUS NATURE** Date of Issue: 01/11/2009

**This substance has been classified as Non Hazardous according to criteria of Worksafe Australia**

# COMPANY DETAILS

**MANUFACTURER: Flinders Trading pty ltd: ABN 21 009 796 016**

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**IDENTIFICATION**

**Product Name: Flinders Trading Fine Dolomite**

|  |  |  |  |
| --- | --- | --- | --- |
| UN Number: | None | Dangerous Goods Class and Sub-risk: | None |
| Hazchem Code: | None | Emergency Procedure Guide: | None |
| **Packaging Group:** | None | **Poisons Schedule No.:** | None |

**Uses:** As a fertilizer ingredient, soil conditioner, absorbent or can be used as landfill.

# Physical Description/Properties

**Appearance:** White fine to lumpy clay-like odourless material.

**Flashpoint (C):** Not applicable **Flammability Limits (%):** Not applicable

**Boiling Point (C):** Not applicable **Vapour Pressure:** Not applicable

**Solubility in Water(g/L):** 0.6g/L @20 C. **Specific Gravity:** 2.7 g/cm

**Other properties:** Average grain size < 5 micron. Slakes easily on wetting.

**Reactivity:** Reacts with acids to liberate carbon dioxide.

# Composition

**Chemical Entity: CAS No: Proportion (%):**

|  |  |  |
| --- | --- | --- |
| Calcium Carbonate | 1317-65-3 | 45 - 50 |
| Magnesium carbonate | 546-93-0 | 40 - 48 |
| Silica (Crystalline silica < 1 %) | 61790-53-2 | 4.5 – 6 |
| Sodium chloride (salt) | ------------- | < 1.5 |
| Clay | ------------- | < 0.4 |

**HEALTH HAZARD INFORMATION**

**Health Effects**

**Acute**

**Swallowed:** Acute single ingestions of calcium salts may produce mild gastrointestinal distress, but have not caused hypercalcemia or other toxic manifestations. The material may be irritating if swallowed but is regarded as non- toxic. Considered an unlikely route of entry in commercial environments.

**Eye:** The dust may be an irritant to the eyes.

**Skin:** The dust may be an irritant to the skin.

**Inhaled:** The dust is moderately irritating to the upper respiratory tract.

If exposed to concentrations greater than 10 mg/m respiratory function may be impaired.

**Chronic:** Long term exposure to dust at greater than 10 mg/m may affect respiratory function.

# First Aid

**Swallowed:** Rinse mouth with water. Drink several glasses of water. If irritation or discomfort persists seek medical attention.

**Eye:** Immediately wash the eye(s) with water for at least 15 minutes, holding the eyelid open. If irritation persists repeat

Washing and seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin:** Brush off dust. Remove contaminated clothing. Wash skin with large volume of water. In the event of abrasion or irritation of the skin seek medical attention.

**Inhaled:** If exposed to high concentrations of dust remove to fresh air. Seek medical attention.

**First Aid Facilities:** None required.

**Advice To Doctor:** Treat symptomatically. Advise doctor that the material is Dolomite.

# PRECAUTIONS FOR USE

**Exposure Standards:**

**Flinders Trading Fine Dolomite**: No value assigned by Worksafe Australia for this material.

For constituents: **TWA**

Calcium carbonate: 10/mg/m (For inspirable dust containing no asbestos and < 1% crystalline quartz).

Dust not otherwise classified 10mg/m

The Time Weighted Average (TWA) exposure standard refers to the average concentration of a particular substance when calculated over a normal eight hour working day, for a five day working week. The exposure standard means the airborne concentration in the worker’s breathing zone, exposure to which according to current knowledge should not cause adverse health effects nor cause undue discomfort to nearly all workers.

**Engineering Controls:** Not normally required. If dust levels are likely to exceed 10mg/m, local exhaust ventilation is recommended.

**Personal Protection:** Wear coveralls, a dust mask, safety goggles and leather gloves if handling large quantities of **Flinders Trading Fine Dolomite** and dust is generated during handling.

**Flammability:** Product is not combustible.

# SAFE HANDLING INFORMATION

**Storage and Transport:**

**UN Number:** None **Packaging Group:** None **Emergency Procedure Guide: None**.

**Storage:** Store under cover in a dry place to prevent water absorption

**Transport:** Vehicles carrying bulk **Flinders Trading Fine Dolomite** must have the load securely covered with a tarpaulin during transport.

**Spills and Disposal:** For small spills collect material with a broom and shovel and place in a bag for disposal. For large spills wear Personal Protective Equipment as described above and collect the **Flinders Trading Fine Dolomite** ensuring that dust generation is minimized. Load back into original mode of transport or into drums. Spilt **Flinders Trading Fine Dolomite** can be used as landfill.

**Fire / Explosion Hazard:** Non-combustible. No special firefighting procedures required.

**Fire Extinguishing Agents**: No restriction.

# OTHER INFORMATION

**Acute Toxicity Data:** No data available for this product.

# CONTACT POINT

Scott Gilmour Telephone Number 0417076750

References:

Tames Toxicology Occupational Medical and Environmental Series Data Bases Micromedex 1994-1997. National Code of Practice for the Preparation of Material Safety Data Sheets. Worksafe Australia, March 1994. [NOHSC;2011(1994)]

Exposure Standards for Atmospheric Contaminants in the Occupational Environment. Worksafe Australia May 1995. [NOHC:1003(1995)]

The information contained in this Material Safety Data Sheet is as up-to-date and accurate as possible. FLINDERS TRADING PTY LTD cannot control the conditions under which this product is used; each user must consider the information in the specific context of the intended application. FLINDERS TRADING PTY LTD does not accept any liability for damages of any nature from use or reliance on this information. No expressed or implied warranties are given other than those implied mandatorily by Commonwealth, State or Territory legislation.

MSDS Prepared by OEH Consulting, University of Adelaide.