

SAFETY DATA SHEET

PRODUCT NAME: SERPENTINE

CODE#: RMDSERP

DATE OF ISSUE: 21/02/2013

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name: SERPENTINE

Recommended use: A source of magnesium used in fertiliser for agriculture use & animal health

Supplier: Rorisons RMD Ltd

Physical address: 53 Aerodrome Road , Mount Maunganui

Telephone number: 0800 40 10 40

EMERGENCY TELEPHONE No.: NATIONAL POISON CENTRE. 0800 764 766

Section 2: Composition/Information on Ingredients

This product is to be considered as a substance according to legislation.

Magnesium

$3\text{MgO} \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$

V.High

Proportion (% w/w) V.High = >60 High = 30-60 Medium = 10-29 Low = 0-9

Section 3: Physical and Chemical Properties

Physical Form: Powder/Granules

Colour: Green-Grey

Flash Point (°C): N.A

Solubility in Water: 100%

Melting Point (°C): N.A

Odour: N.A

Boiling Point (°C): N.A

Other Information: -

Section 4: Hazards Identification

Dust:

Concentrations of dust within the plant buildings and within the close proximity of vehicles loading and spreading the product may reach levels of particulate matter that could, without protective respiration masks, be injurious to the health of workers exposed to such concentration. The physical and chemical properties of the dust produced have no known characteristics that are specifically of concern to their health.

Section 5: First Aid Measures

Inhalation:

Inhalation of dust produced in handling the product can cause nasal and lung irritation. There are no known constituents' in the dust for which any specific health concerns are known.

Skin:

Not known to cause any irritations.

Eyes:

Serpentine dust may cause irritations to the eyes due to particles adhering to the eye.

Ingestion:

Not known to cause any side effects.

Section 6: Fire Fighting Measures

Extinguishing media:

Non-combustible.

Special firefighting procedures:

None.

Usual fire hazards:

None.

Hazardous combustion products:

None.

Section 7: Handling and Storage

Storage:

Store in a dry place

Section 8: Stability and Reactivity

Hazardous decomposition:

None

Hazardous reactions:

None.

Conditions to avoid:

None.

Section 9: Transport Information

Hazard Class:

Non-hazardous

UN Number:

N.A

Packing group:

N.A

Hazchem code:

Non-hazardous

Land transport:

Not regulated.