

VITAX SAFETY INFORMATION SHEET

IDENTIFICATION OF PREPARATION **KIESERITE**

Packaging: 25 kg polyethylene sacks.

AND COMPANY

Vitax Ltd, Owen Street, Coalville LE67 3DE Tel: 01530 510060

COMPOSITION

Powdered fertiliser mixture containing 26.7% magnesium oxide as magnesium sulphate monohydrate.

HAZARDS IDENTIFICATION

Not classified as dangerous.

FIRST AID MEASURES

Accidental over exposure may result in the following symptoms:-

Eye Contact - pain and redness.

Skin Contact - unlikely to present a hazard. May irritate broken skin.

Ingestion - large quantities may cause diarrhoea, thirst, hypertension and respiratory depression.

Inhalation - irritation of respiratory tract.

Additional medical guidance is available to doctors from the National Poisons Information Service.

Eye Contact - irrigate with water thoroughly.

Skin Contact - wash hands and exposed skin after use.

Ingestion - wash out mouth with water and seek medical advice.

Inhalation - remove to fresh air.

FIRE FIGHTING MEASURES

Not flammable.

Extinguishing media: Extinguish with water spray or dry powder. Contain contaminated run-off.

Exposure hazards: In intense heat, product decomposition will release hazardous sulphur oxide fumes.

Special protective equipment: Wear self-contained breathing apparatus in confined spaces.

ACCIDENTAL RELEASE MEASURES

Personal precautions Refer to exposure controls/personal protection and disposal considerations for further details. Wash hands and exposed skin after handling.

Environmental precautions: Do not allow to enter drains or sewers

Spillages: Sweep up spills carefully to minimise dust. Transfer to heavy duty plastic bags or drums and keep safe for disposal.

HANDLING & STORAGE

Handling: Do not block stack pallets.

Storage: Store in original containers, tightly closed in a secure, well ventilated, cool but frost-free, dry area away from foodstuffs and herbicides.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

No specific personal protective equipment assigned. Normal good industrial hygiene practices should be observed. **Wear pvc, natural rubber or nitrile gloves (EN420 & 374), overalls, goggles (EN166) and dust mask (EN140 or 149) where dust cannot be adequately controlled by engineering measures.**

PHYSICAL & CHEMICAL PROPERTIES

Appearance	off white powder
Odour	none
pH	not applicable
Boiling point	not available
Melting point	365 deg C
Flash point	N/A
Flammability	N/A
Autoflammability	N/A
Explosivity	N/A

Oxidizing properties	N/A
Vapour pressure	N/A
Relative density	N/A
Solubility	soluble in water
Other data	none

STABILITY & REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: avoid high temperatures

Hazardous decomposition products: Product decomposition under intense heat may release toxic sulphur oxide fumes.

TOXICOLOGICAL INFORMATION

Not classified as harmful by inhalation, ingestion or in contact with skin.

Ingestion of large quantities may cause gastric disturbance, thirst, hypotension and respiratory depression. Dust may irritate eyes, nose and respiratory tract.

To the best of our knowledge physical, chemical and toxicological properties have not been fully investigated.

ECOLOGICAL INFORMATION

Kieserite is a natural mineral and provides nutrients essential to plant growth. Do not exceed recommended application rates.

DISPOSAL CONSIDERATIONS

Dispose of waste through a reputable waste disposal contractor and in accordance with the Environmental Protection Act 1990.

TRANSPORT INFORMATION

Not classified as dangerous for carriage.

REGULATORY INFORMATION

Not classified as dangerous for supply.

Occupational Exposure Standards: For nuisance dusts: total inhalable 10 mg/m³ (8 hr), total respirable 5 mg/m³ (8 hr).

OTHER INFORMATION

The product label provides information on the use of the product: do not use otherwise, unless you have assessed any potential hazard involved and the safety measures required.

Prepared by VITAX LTD, for Health and Safety purposes from the best knowledge available at the time of printing.

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