



KIESERITE

Material Safety Data Sheet

IDENTIFICATION

Product Name: Kieserite
UN Number: Not Applicable
Dangerous Goods Class: Not Applicable
Subsidiary Risk: Not Applicable
Hazchem Code: Nil
Poisons Schedule Number: Exempt
Use: Fertiliser (Soil Nutrient)

Physical Description/Properties

Appearance: White/ Cream Granule, Colourless
Melting Point: 1120-1150C
Vapour Pressure: Not Applicable
Specific Gravity: 2.7
Flashpoint: Non Flammable
Flammability Limits: Not Applicable
Solubility in Water: Insoluble

Other Properties:

Chemical Name: Kieserite
CAS number: 7487-88-9

HEALTH HAZARD INFORMATION

Health Effects: Not considered to be a health hazard under normal circumstances.

Swallowed: Ingesting of very large amounts may cause diarrhoea.

Eye: Can cause mild irritation to eyes.

Skin: Mildly irritating to skin. If exposed to frequent and prolonged contact it can cause dermatitis or skin irritations. No effect should occur if the product is promptly washed off.

Inhaled: If the product is present in high concentrations of airborne dust, prolonged contact may cause irritation to the nose and throat.

Date of Issue: 1st January 2013

First Aid:

Swallowed: If swallowed, immediately rinse mouth out with water. Give water to drink. Seek medical advice.

Eye: Hold eye open, flood with copious amounts of water for 15 minutes and see a doctor. It is recommended that permanent or mobile eye wash stations be provided when handling this product.

Skin: A small amount of skin contact is not normally harmful. Remove contaminated clothing and wash skin thoroughly with soap and water. Launder contaminated clothing before re use.

Inhaled: Inhalation is not normally harmful. Recovery is rapid after removal from exposure. If symptoms are experienced, remove source of contamination or remove victim to fresh air.

First Aid Facilities: It is important to have eye irrigation stations in areas where contact with Kieserite is a hazard.

Advice to Doctors: Treat symptomatically. Consult poisons information centre.

PRECAUTIONS FOR USE

Exposure Standards: No exposure limit has been assigned to this product. Where no specific exposure standard assigned, the recommended exposure level for dust in general shall be 10mg/m³ measured as inspirable dust. The exposure limit is expressed as a time weighted average (TWA) concentration over an eight hour working shift, for a 5 day working week, and is the limit recommended by the supplier of this material.

Engineering Controls: No special ventilation is required.

Personal Protection: When using do not eat, drink or smoke. Wash thoroughly before smoking, eating or using toilet facilities. Wear overalls, boots, gloves, dust masks and safety goggles. Avoid inhaling dust. Where high concentrations of airborne dust is present, respirators conforming to AS1716 should be worn.

Flammability: Non Flammable.

SAFE HANDLING INFORMATION

Storage and Transport: Not classified as dangerous goods. Store in a cool place. Store apart from combustible materials, herbicides and fungicides.

Spills and Leaks: Small spills can be swept for re use, or can be sluiced away with large quantities of water to drains. Large spills (>100kg) should be swept up and shovelled into containers for reclamation. Add any broken packages to the container. Sluice down the spill area with large quantities of water. Do not contaminate streams, rivers or water courses. For advice on disposal, telephone the number given on the data sheet.

Fire/ Explosion Hazard: No flammable. For fires involving this material: Decomposition may give rise to toxic and noxious fumes. Spray water on decomposing mass and fight fire upwind if outdoors. In smoke or fumes wear self-contains breathing apparatus. Do no use more water than is necessary and obtain run off. Advise Fire Brigade of nature of hazard.

OTHER INFORMATION: Stable under ordinary conditions of use and storage.