

Safety Data Sheet

Company Details: The Green Life Soil Co.
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Description / Properties

Product Name: Clay Spray

Chemical Name: Hydrous Aluminium Silicate

Composition: Hydrous Kaolin ($\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2 \cdot 2\text{H}_2\text{O}$) 97-99%
Quartz Sand (SiO_2) 0-1%
Water (H_2O) 0-1%

Product Use: Fine clay powder used as horticultural spray for pest and sun protection when mixed with water.

Appearance: White powder

Odour: Odourless

Hazards Classification: **Not classified as hazardous.**

Boiling Point: Not Applicable
Vapour Pressure: Not applicable
Specific Gravity: 2.63
Flash Point: Not combustible
Flammability: Not flammable
Bulk Density: Not available
Solubility: Insoluble
Chemical Stability: Stable, inert and non-reactive
pH: 7.5 – 8.5 (in aqueous slurry)

Health Hazard Information

Acute: No Acute affects.

Health Hazard Information Continued from Page 1

Swallowed:	Material is highly absorbent and could have a dehydrating effect. If large volumes ingested, material can swell several times in volume and could produce intestinal obstruction.
Eye Contact:	Eye contact may cause mechanical irritation.
Skin Contact:	Skin contact may cause dryness.
Inhaled:	Inhalation may cause the drying and irritation of the respiratory tract. Acute aspiration may cause coughing, sneezing and breathing difficulties.
Chronic:	Exposure to repeated, prolonged or concentrated inhalation may cause delayed lung injury (silicosis).

Emergency and First Aid Procedures

Special Fire fighting Procedures:	None.
Poisons Information Centre:	13 11 26
Swallowed:	Immediately wash mouth out with water. Do not induce vomiting. If symptoms develop seek medical attention.
Eye:	If contact with the eye(s) occurs, wash with copious amounts of water taking care not to rinse contaminated water into the non-affected eye. If irritation develops seek medical attention.
Skin:	Remove contaminated clothing (wash before reuse). Wash skin gently and thoroughly with water and non-abrasive soap. If symptoms develop seek medical attention.
Inhaled:	Remove the source of contamination or move the victim to fresh air. Have victim blow nose to remove excess dust. Ensure airways are clear. Seek medical attention, keep victim at rest. Have qualified person give oxygen through a face mask if breathing is difficult.

Emergency and First Aid Information Continued from Page 2

First Aid Facilities:	Eye wash and normal washroom facilities.
Advice to Doctor:	Treat symptomatically.

Precautions for Use

Special Precautions:	Use in a well-ventilated area. Keep exposure to dust as low as practicable. Where ventilation is inadequate and dust is generated the use of an air purifying Respirator with filter complying with AS/NZS1715 and 1716 should be worn.
Eye Protection:	The use of safety glasses with side shield protection or chemical goggles which comply with AS/NZ1336 is recommended.
Hand Protection:	Wearing gloves of an impervious material is recommended.
Exposure Limits:	No exposure standards have been established for this material, however the available* exposure limits on ingredients are as follows: Quartz TWA 0.1mg/m ³ Kaolin TWA 10mg/m ³ (* National Occupational Health & Safety Commission Australia)

Safe Handling Information

Handling:	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using toilet facilities.
Spilled Material:	Vacuum, sweep or mop up spilled material. Product may become slippery when exposed to water. Use caution walking around or handling broken bags when exposed to water. Seal all waste in labelled containers for subsequent recycling or disposal, in accordance with local authority guidelines.
Environmental/Toxicological Information:	Inert, natural clay product. Not Hazardous to the environment.

Safe Handling Information Continued from Page 3

Storage and Transport:

Best kept in dry conditions. Keep unused material in a closed container to avoid contamination and dust exposure. Avoid generation of dust.

Important Notice: This Safety Data Sheet (SDS) is issued by The Green Life Soil Co in accordance with Worksafe Australia guidelines. The information contained therein is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation. No responsibility can be accepted by us for error or omissions. Since we cannot anticipate or control the many different conditions under which this information and our product may be used, each user should review these recommendations in the specific context of the intended application and undertake your own risk assessment in relation to your method of handling and proposed use of this product. The Green Life Soil Co accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained therein.

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