

Safety Data Sheet

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Description / Properties

Product Name:	Rocky Rock Dust
Product Use:	Crushed stone, used as a horticultural soil amendment to provide a range of trace elements.
Appearance:	Dark grey. Granular appearance.
Odour:	None
Hazards Classification:	Not classified as hazardous.
Organic Certification:	NASAA 6327M
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Specific Gravity:	2.2 – 2.7 (water = 1)
Flash Point:	Not combustible
Flammability:	Not flammable
Bulk Density:	1570 kg /m ³
Solubility:	Insoluble
Chemical Stability:	Stable
pH:	9.6 (in aqueous slurry)

Health Hazard Information

Caution:	Rock minerals can contain crystalline silica in any quartz component. Measures should be taken to prevent dust generation, and appropriate PPE should be used when handling this product. (See Precautions for Use.)
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Health Hazard Information - continued from page 1

Acute Health Effects:

Swallowed:	Mildly abrasive to mouth and throat if swallowed.
Eye Contact:	Dust is irritating to the eyes. Exposure can cause eye redness, watering or eye infection.
Skin Contact:	Dust may be mildly irritating and drying to the skin.
Inhaled:	Inhalation may cause irritation, inflammation or sensitisation or infection of nose, throat and lungs, and aggravate pre-existing conditions such as asthma and bronchitis.

Chronic Health Effects:

Repeated exposure to dust may result in increased nasal and respiratory secretions and coughing, inflammation of lining tissue of the respiratory system may follow repeated exposure to high levels of dust with increased risk of bronchitis and pneumonia.

Long term occupational over exposure or prolonged inhalation of crystalline silica dust at levels above the NES (National Exposure Standard) carries the risk of causing serious and irreversible lung disease, including bronchitis, and silicosis (scarring of the lung) including acute/accelerated silicosis. It may also increase the risk of other irreversible and serious disorders including scleroderma (a disease affecting the skin, joints, blood vessels and internal organs) and other auto-immune disorders. Inhalation of dust, including crystalline silica dust, is considered by medical authorities to increase the risk of lung disease due to tobacco smoking.

Emergency and First Aid Procedures

Special Fire fighting Procedures: None.

Poisons Information Centre: 13 11 26

Swallowed: Wash mouth out with water. Do not induce vomiting. If symptoms develop, seek medical attention.

Eye: Flush thoroughly with flowing water, with eyelids open, for 15 minutes to remove all traces. If symptoms like irritation or redness persist, seek medical attention.

Emergency and First Aid Procedures - continued from page 2

Skin:	Wash skin gently and thoroughly with water and non-abrasive soap. If symptoms develop seek medical attention.
Inhaled:	Remove victim to fresh air. Have victim blow nose to remove excess dust. Ensure airways are clear. Seek medical attention if symptoms persist.
First Aid Facilities:	Eye wash and normal washroom facilities.
Advice to Doctor:	Treat symptomatically.

Precautions for Use

Exposure Limits:	Crystalline silica (quartz) 0.1mg/m ³ as respirable dust. (General dust recommended exposure standard should be less than 10mg/m ³).
Engineering Controls:	All work with this product should be carried out with precautions to minimize exposure to dust and avoid skin and eye contact. (Keep product damp while handling.) If there is a risk of inhalation of dust, wear a suitable particulate respirator meeting the requirements of AS/ANZ1715 and AS/NZS1716.
Eye Protection:	The use of safety glasses with side shield protection or chemical goggles which comply with AS/NZ1336 is recommended.
Hand Protection:	Wearing standard duty or rubber gloves (AS2161) is recommended.
Avoid contact with eyes and skin.	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storage or re-use. Do not shake out work clothes before laundering.

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. Work areas should be cleaned regularly.
Spilled Material:	Dust is best cleaned up by vacuum device to avoid making dust airborne. Wet down before sweeping or shovelling up spilled material. Seal all waste in labelled containers for subsequent re-use/recycling or disposal, in accordance with local authority guidelines.
Storage and Transport:	Not classified as a Dangerous Good. Store in a cool, dry, well-ventilated area out of direct sunlight. Avoid generation of dust.
Other Information:	Seek immediate medical advice if any unexplained illness with cough or other infection occurs after use.

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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