

Material Safety Data Sheet

Product Name: **Propagating Sand**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Address: Suite 3, 19-23 Clarinda Road, Oakleigh South, Victoria, AUSTRALIA, 3167
Telephone: (03) 9543 5600
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Emergency: 13 11 26
Use(s): Assists in propagation
MSDS Date: 1st January 2011

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	None allocated	DG Class	None allocated	Subsidiary Risk(s)	None allocated
Pkg Group	None allocated	Hazchem Code	None allocated	EPG	None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas No.	Proportion
Sand – Crystalline silica (quartz)	14808-60-7	>98%
Impurities (mineral and organic)	-	<2%

4. FIRST AID MEASURES

Inhalation

Remove victim from area of exposure – avoid becoming a casualty. Seek medical advice if effects persist.

Skin contact

If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation or burning of skin occurs, seek medical advice.

Eye Contact

If in eyes, wash out immediately with plenty of water and soap. Seek medical attention for persistent redness, irritation or burning of skin.

Ingestion

Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms persist.

Medical attention and special treatment

Treat symptomatically

5. FIRE FIGHTING MEASURES

Non flammable or combustible.

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up

Collect and seal in properly labelled containers.

7. STORAGE AND HANDLING

Store in dry and well ventilated area. Avoid breathing dust. Respirable dust can be generated during processing, handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Stds

No exposure standard(s) allocated.

Engineering Controls

Keep exposure to dust as low as practicable. Do not inhale dust. Use this material in the open air to provide adequate natural ventilation and to ensure that airborne dust levels are kept below the permissible exposure limits.

PPE

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Rubber gloves are recommended if handling often.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granular white sand	Solubility (water)	INSOLUBLE
Odour	None	Specific Gravity	2.0 – 3.0
pH	NOT AVAILABLE	% Volatiles	NOT APPLICABLE
Vapour Pressure	NOT APPLICABLE	Flammability	NOT FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	NOT APPLICABLE	Upper Explosion Limit	NOT AVAILABLE
Melting Point	NOT APPLICABLE	Lower Explosion Limit	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE	Autoignition Temperature	NOT APPLICABLE

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions of use

Conditions to avoid

Avoid contact with foodstuffs

Incompatible materials

None known

Hazardous decomposition products

None known

Hazardous reactions

None known

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Eye Contact

Dust may cause irritation and inflammation of the eyes and aggravate pre existing eye conditions.

Skin contact

Contact with skin may cause drying the skin and can result in skin rash (dermatitis) typically affecting the hands. Over time this may become chronic and can also become infected.

Inhalation

Repeated exposure to the fine dust may result in build up nasal and respiratory secretions and coughing. Inflammation of lining tissue of the respiratory system may follow repeated exposure to high levels of dust increasing the risk of bronchitis and pneumonia. Pre existing upper respiratory and lung diseases such as asthma and bronchitis may be aggravated.

Long Term Effects

This product contains a proportion of respirable free crystalline silica in the quartz component. Long term occupational over exposure or prolonged breathing in (or inhalation) of crystalline silica dust at levels above the National Occupational Exposure Standards exposure levels risk of causing serious lung disease.

12. ECOLOGICAL INFORMATION**Environment**

Silica sand poses no ecology risks. It is non-toxic to aquatic and terrestrial organisms. It is not biodegradable.

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Wear sufficient respiratory protection. Dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container for reuse.

May be dispose in local land fill site.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Good. Store in dry and well – ventilated area. Avoid breathing dust. Respirable dust can be generated during processing, handling and storage.

Disclaimer

This document is based on information concerning the product which has been provided to BGP by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. While BGP has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, BGP accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.