

# MATERIAL SAFETY DATA SHEET

Product Name: **ALOSCA Granules** Issue Date: **August 2022** ALOSCA Technologies Pty Ltd

Hazardous according to criteria of Worksafe Australia

## COMPANY DETAILS

**ALOSCA Technologies Pty Ltd (ABN 11 100 815 638)**

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Wangara  
Western Australia 6947  
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## IDENTIFICATION

<b>Product Name:</b>	<b>ALOSCA</b>
<b>Other Names:</b>	Alosca Granules
<b>Manufacturer's Product Code:</b>	
<b>UN Number:</b>	None allocated
<b>Dangerous Goods and Subsidiary Risk:</b>	None allocated
<b>Hazchem Code:</b>	None allocated
<b>Poisons Schedule Number:</b>	None allocated
<b>Use:</b>	Microbial inoculant carrier

## PHYSICAL DESCRIPTION / PROPERTIES

<b>Appearance:</b>	Odourless, grey to pale brown powder or granules
<b>Boiling point:</b>	Not applicable
<b>Melting point:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Specific Gravity:</b>	2.5
<b>Flashpoint:</b>	Not applicable
<b>Flammability Limits:</b>	Not applicable
<b>Solubility in Water:</b>	Negligible solubility, forms colloidal suspension in water

## OTHER PROPERTIES

<b>Form:</b>	Solid
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## INGREDIENTS

<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
Bentonite	1302-78-9	83.72 %
Silica (crystalline-quartz)	14808-60-7	2.59 % (impurity)
Peat		9.59 %
Rhizobium Bacteria Substrate		4.10 %

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## HEALTH HAZARD INFORMATION

### Health effects – acute

<b>Swallowed:</b>	Ingestion of amount >15g may cause gastrointestinal disturbances.
<b>Eye:</b>	May cause redness, tearing blurred vision and irritation.
<b>Skin:</b>	May cause irritation.
<b>Inhaled:</b>	May cause shortness of breath, irritation and reduced pulmonary function.
<b>Chronic:</b>	Repeated or prolonged skin contact may cause dermatitis. Crystalline silica impurity may cause delayed respiratory disease if inhaled over a prolonged period of time.

## FIRST AID

<b>Swallowed:</b>	Give nothing to drink. Do not induce vomiting. Seek immediate medical assistance. Do NOT give water if large amounts ingested – product will expand when wetted and may cause blockage.
<b>Eye:</b>	Immediately irrigate with copious water. Seek medical attention.
<b>Skin:</b>	Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use
<b>Inhaled:</b>	Remove victim to fresh air, employ oxygen or artificial respiration if necessary. Seek medical attention.
<b>First Aid Facilities:</b>	Maintain eyewash fountain and drench facilities in work area
<b>Advice to Doctor:</b>	Remove any ingested powder by dry method

## PRECAUTIONS FOR USE

### Exposure limits (TWA)

Name	CAS	Proportion	NOHSC TWA	ACGIH TLV
Silica (crystalline quartz)	14808-60-7	3 % (impurity)	0.2mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>

<b>Engineering Controls:</b>	Use with adequate ventilation. Limit dust formation as much as possible to meet exposure limits listed above.
<b>Personal Protection:</b>	Use dust respirator and face mask to cover eyes. The use of protective clothing and gloves is recommended to reduce contact with skin
<b>Flammability:</b>	Non-flammable under conditions of use but will burn at elevated temperatures. Product when mixed with air can explode in the presence of an appropriate ignition source.

## SAFE HANDLING INFORMATION

### Storage and

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**Transport:** No special precautions required. Keep dry and avoid spillage – exercise good housekeeping. Product becomes slippery when wetted

## **Spills and**

**Disposal:** Eliminate all ignition sources. Stop leak if safe to do so. Prevent entry into waterways, drains and confined areas. Prevent dust cloud. Use non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal

## **Fire and Explosion**

**Hazard:** May burn but not ignite readily. Containers may explode when heated. Runoff may pollute waterways. Fire or heat may cause irritating, poisonous and/or corrosive gases. When mixed with air, may explode in the presence of an ignition source.

<b>OTHER INFORMATION</b>
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## **Contact**

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