



MATERIAL SAFETY DATA SHEET

1. PRODUCT NAME: SEAGUARD BIO FERTILISER

OTHER NAMES: Amorphous Silica plus Marine Minerals.

2. MANUFACTURER

South Pacific Marine Minerals Pty Ltd

456 Eltham Rd

ELTHAM NSW. 2480

AUSTRALIA

3. INGREDIENTS

Chemical Entity	Cas No	Proportion
Diatomaceous earth	61790-53-2	25%
Crystalline silica		
- as Quartz	14808-60-7	> 0.25%
- as Cristobalite	14464-46-1	> 0.25%
Aqueous Marine Minerals	NA	



4. HEALTH HAZARD INFORMATION

ACUTE EFFECTS:

- Swallowed:** Not hazardous when ingested in small quantities. May cause irritation to the mouth and esophagus.
- Eye:** May cause mild transitory irritation.
- Skin:** Not hazardous.
- Inhaled:** Over exposure to the fine mist, may cause transitory Irritation of the upper respiratory system.

CHRONIC EFFECTS: prolonged exposure to the airborne droplets, may also cause lung irritation effects.

5. FIRST AID:

Swallowed: Give glass of water and then give water if irritation develops and if persists seek medical attention.

Eye: Hold eyes open, flood with clean water. If irritation occurs and persists, seek medical attention.

Skin: Wash skin thoroughly with soap and water.

Inhaled: Remove to fresh air. Drink a glass of water to clear throat. If irritation occurs seek medical attention.

ADVICE TO DOCTOR: Sea Guard contains amorphous silica (diatomaceous earth) The hazard from this product is possibly fine tissue abrasion. Treat symptomatically. Pre-existing upper respiratory and lung conditions, such as bronchitis, asthma and emphysema, may be aggravated by exposure to spray mist.



PRECAUTIONS FOR USE

6. EXPOSURE STANDARDS:

Time Weighted Average Value (TWA) 20mg/m³
(Inspired fraction)

7. ENGINEERING STANDARDS:

Use with sufficient natural mechanical ventilation to ensure droplet levels are below TWA.

8. USE

As a bio-fertiliser and insect repellent.

UN Number	: Not classified as Dangerous Goods.
Correct Shipping Name	: None allocated.
Class	: None allocated.
Packaging Group	: None allocated.
Hazchem	: None allocated.
E.P.G.	: None allocated.
Poison Schedule	: Not a scheduled poison.

9. PHYSICAL DESCRIPTION/ PROPERTIES

Appearance, odour	: light brown colour, no odour (non- crystalline)
Vapour pressure	: Not volatile.



Specific Gravity	: 1.26
Flashpoint	: not applicable.
Solubility	: Disperses on addition to water.
Melting point	: 1500C.
Bulk Density	: Not applicable.

10. PERSONAL PROTECTION: Use eye protection- goggles/glasses where airborne droplets are expected- protective gloves when handling/mixing concentrate.

11. FLAMMABILITY-

: Non flammable

SAFE HANDLING INFORMATION

12. STORAGE AND TRANSPORT

Not defined as a Dangerous Good by the Australian code for the Transport of Dangerous goods by road and rail.

Store apart from animal and human food stuffs, herbicides and pesticides. Store in original container in a dry place out of direct sunlight.

SPILLS AND DISPOSAL

Contain spill. Wash residue onto absorbent ground or soil.

FIRE / EXPLOSION

Not a fire of explosion hazard.



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DISCLAIMER:

The Material Safety Data Sheet has been developed according to the WORKSAFE/NOHSC code of practice. The Date information and recommendations herein (“information”) are presented in good faith and believed to be correct as of the date hereof.

The purpose of the Material Safety Data sheet is to describe product in terms of their safety requirements. SPMM Pty Ltd makes no representation of merchantability, fitness for a particular purpose of application, of any other nature with respect to the information or the product to which the information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to the use of the product.

The physical data shown herein are typical values based on the material tested. These values should not be construed as a guaranteed analysis of any specific lot or as a guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and/ or its packaging is in compliance with relevant Federal, state and Local Government re **SeaGuard**

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SEAGUARD TM is a registered trademark of South Pacific Marine Minerals Pty Ltd.

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