



MANTISSA

PRODUCT SAFETY DATA SHEET

1. **Product Name:** **SEAMAC PCT**
A plant growth stimulant for use in agriculture and horticulture

Marketed by:
Mantissa Corporation Ltd, New Zealand.

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2. **Composition**
A solution of seaweed extract

3. **Hazards**
Not classified as hazardous

4. **First Aid Measures**
Eyes: Irrigate with clean water for at least 15 minutes. Seek medical attention if any irritation or redness persists.
Skin: Remove contaminated clothing. Wash thoroughly with soap and water.
Ingestion: If swallowed drink plenty of water and seek medical advice.
Inhalation: Remove from exposure and provide maximum ventilation.

5. **Fire Fighting Measures**
Seamac PCT will not burn. If involved in a fire, fumes and vapours may be harmful. Fire fighters should wear breathing apparatus.
Use dry chemical, foam, water spray, sand or earth.

6. **Accidental Release (Spillage)**
Soak up the spillage with a suitable absorbent material (sawdust, sand, earth etc) and transfer to a container for later removal to a safe place for disposal. Flush the area with plenty of water when all the spillage has been removed. Prevent the spillage from entering watercourses sewers or drains. Inform the proper authorities if gross contamination of water is threatened or occurs. Product will stain concrete if spilt.

7. Storage and Handling

Keep in original container, tightly closed.

Keep cool and dry in a suitable agricultural chemical store, out of direct sunlight.

Keep away from food, drink and animal feeding stuffs and out of reach of children.

Protect from frost.

8. Personal Protection

Wear suitable protective gloves when handling the concentrated product.

Avoid breathing the spray mist when using.

9. Physical and Chemical Properties

Appearance: A dark brown liquid.

Odour: Mild characteristic 'seaweed' odour.

Specific Gravity 1.074 – 1.076

Ph: 7.8 – 8.8

10. Stability and Reactivity

Very stable. Stores for at least 2 years in original containers in normal agricultural chemical storage conditions.

Seamac PCT is incompatible with acids or acidic materials.

11. Toxicological Information

This product is of low toxicity.

Acute oral LD50: >5,000 mg/kg.bw (calculated)

Acute dermal LD50: >5,000 mg/kg.bw (calculated)

12. Environmental Protection

This product is of low toxicity to fish. Its components are readily biodegradable and bio-accumulation is most unlikely

Do not contaminate surface waters or ditches with any chemical or used containers.

13. Disposal of Unwanted Product and Used Containers

Consult the local authorities before disposing of unwanted chemical.

Triple-rinse and puncture, or burn used containers as permitted by local authorities. Do not re-use containers.

14. Transport Information

Road Transport: Not hazardous

UN Number: No UN Number

Proper Shipping Name: Non-hazardous

IMDG Class: Not applicable

CPL Packing Group: Not applicable

15. Regulatory Information

No statutory phrases apply.

S2 Keep out of reach of children

S3 Keep in a cool place

S13 Keep away from food, drink and animal feeding stuffs

S37 Wear suitable gloves

16. Other Information

The above information is intended to give health and safety guidance on the storage and transport of the substance or product to which it relates. It is not intended to apply to the use of the product, for which purpose the product label and any appropriate technical usage literature available should be consulted and any relevant licences, consents or approvals complied with. The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate to the best of the issuer's available knowledge at the date of publication, and will be updated as and when appropriate. No liability will be accepted for any loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

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