

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Plantacote MAP 12M**
 Product Use: Fertiliser.
 Restriction of Use: Refer to Section 15

New Zealand Supplier: Horticulture Ltd
 Address: 10 Firth Street
 Drury, 2113

Telephone: +64 9 294 8453
 Fax Number: +64 9 294 7272

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 4 June 2021

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
All ingredients determined to be Non-Hazardous	To 100	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.

If on Skin: Rinse and then wash with water and soap. Seek medical advice if needed.

If Swallowed: Rinse mouth with water. Call a poison center or a doctor if you feel unwell.

If Inhaled: Remove person to fresh air. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	Toxic fumes may be released.
Suitable Extinguishing media	Water spray. Dry powder. Foam.
Precautions for firefighters and special protective clothing	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Ensure adequate air ventilation. Keep unnecessary and unprotected personnel from entering. Do not attempt to take action without suitable protective equipment as detailed in Section 8.

Avoid release to the environment.

Mechanically recover the product. Put in a container for disposal. Dispose of according to Section 13.

Section 7. Handling and Storage**Precautions for Handling:**

- Ensure good ventilation of the work station. Wear personal protective equipment.
- Do not eat, drink or smoke when using this product.
- Always wash hands after handling the product.

Precautions for Storage:

- Store in a well-ventilated place. Keep cool.

Section 8 Exposure Controls / Personal Protection**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION.

Engineering Controls

Ensure good ventilation of the work station.

Personal Protection Equipment

Eyes	Safety glasses.
Hands	Protective gloves
Skin	Wear suitable protective clothing
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment

Section 9 Physical and Chemical Properties

Appearance	Solid
Colour	White
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Crystallization temperature	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Non flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Solubilities	Not available
Log Pow	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity, dynamic	Not available
Particle Characteristics	Not available
Explosive Properties	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and treatment circumstances.
Possible hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not classified.
Dermal	Not classified.
Inhalation	Not classified.
Eye	Not classified.
Skin	Not classified.

Chronic Effects:

Carcinogenicity	Not classified.
Reproductive	Not classified.

Toxicity	
Germ Cell Mutagenicity	Not classified.
Aspiration	Not classified.
STOT/SE	Not classified.
STOT/RE	Not classified.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Triple rinse and dispose according to Local Regulations.

Disposal methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

Section 15 Regulatory Information

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

HSWA & EPA Controls	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	None

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the New Zealand distributor, if further information is required.

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