



MATERIAL SAFETY DATA SHEETS

1. IDENTIFICATION

Date of Issue: December 2016

Product Name: MP SPECTRUM Mini 1-2MM

Uses: Agriculture Granular Fertiliser

Contact Information:	Organisation	Location	Telephone
	Eco Growth W. A	26 Cooper Rd Cockburn Central Western Australia 6164 Australia	+61 8 9417 9101
	Eco Growth Qld	540-604 Warrego Highway North Tivoli Queensland 4305 Australia	+61 7 3282 7166
	Poison Information Centre	Westmead NSW Australia	13 11 26
	Chemcall 24 Hour Emergency Number	Australia	1800 127 406

2. HAZARDS IDENTIFICATION

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

NOT CLASSIFIED AS DANGEROUS GOODS BY THE CRITERIA OF THE ADG CODE

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated

Packing Group None Allocated **Hazchem Code** None Allocated **EPG** None allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	Cas No.	Content
SF12			36%
Urea	(NH ₂) ₂ CO	57-13-6	44%
Potassium Sulphate	K ₂ O ₄ S	7778-80-5	12%
Ferrous Sulphate	FeO ₄ S	7720-78-7	7%
Other Non-hazardous Ingredients			Up to 100%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Advice to Doctor	Treat Symptomatically.
First aid facilities	Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Flammability	Non Flammable
Extinguishing	Prevent contamination of drains and waterways
Extinguishing Media	Water jets, water sprays or fire extinguisher
Hazchem code	Non Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt Flush away with copious amounts of water Collect and store in properly labelled containers for disposal or reuse.
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7. STORAGE AND HANDLING

Storage	General Work Practices Fertiliser Product Not to be stored close to acids Not classified as dangerous
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	No Value assigned for this specific material by the National Occupational Health and safety Commission (Worksafe Australia).
PPE	Eyes Safety glasses with side shields Hands Avoid prolonged contact with skin wear impervious gloves always wash hands before smoking, eating, drinking or using the toilet.

Clothing Wash contaminated clothing and other PPE before storage and or re use product may stain.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White and brown granules
Odour	None
Boiling point	Not Applicable
Evaporation rate	Not applicable
Freezing point	0 Degrees c
Kg/M3	983
PH	7.42
Solubility in water	40%

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage
Conditions to avoid	Moisture
Material to avoid	as Above
Decomposition	Medium
Hazardous reactions	Caustics and strong acids

11. TOXICOLOGICAL INFORMATION

Skin	Not classified as a skin irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Eye	Not classified as an eye irritant. Contact may result in mild irritation, lacrimation and redness.
Sensitization	This product is not known to be a skin or respiratory sensitiser.
STOT – single exposure	Not classified as causing organ effects from single exposure.
STOT – repeated	Not classified as causing organ effects from repeated exposure.
Ingestion	Low toxicity. Ingestion of large quantities may result in Nausea
Toxicity Data	Ld50 350mg/Kg Rat (Intramuscular)

12. ECOLOGICAL INFORMATION

Environment	Limited Eco toxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of to an approved landfill site in accordance with relevant local legislation.
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14. TRANSPORT INFORMATION

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
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15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the chemicals (hazard information and packaging) regulations as follows:

Danger Classifications In accordance with the chemicals Not Applicable

Risk Phrases: None

Safety Phrases: Keep out of reach of children. Keep container closed

16. OTHER INFORMATION**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.