

Gro-Mag Super™

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name:	Gro-Mag Super
Recommended use:	Foliar fertiliser
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.com
Emergency telephone:	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225) Australia 1800 127 406 Other locations +64 4 917 9888 or The National Poisons Centre 0800 POISON (0800 764 766)
Date of preparation:	29 October 2017

Section 2: Hazards Identification

Hazard classification (Transport):	Not classed as dangerous goods for transport.
Hazardous substances (HSNO):	6.8B (WARNING: Suspected of damaging fertility or the unborn child) 6.9B (WARNING: May cause damage to organs through prolonged or repeated exposure)



Section 3: Composition/Information on Ingredients

Classification & type:

Material	CAS No.	Proportion (%w)
Boric Acid	10043-35-3	<2
Non-hazardous components		to 100%

Section 4: First Aid Measures

Symptoms of exposure:

- If Swallowed
- If on Skin
- If Inhaled



No issues are expected if this product is used in accordance with good agricultural practices. In the event of excessive exposure the following may result:

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

First aid actions:

- If Swallowed
- If in Eyes
- If on Skin (or Hair)
- If Inhaled

If exposed, concerned or if symptoms persist: Get medical attention/advice. If medical advice is needed, have product container or label at hand.

Rinse mouth. Call a POISON CENTRE or doctor if you feel unwell.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Wash with plenty of soap and water.

Remove to fresh air and keep at rest in a position comfortable for breathing.

Workplace facilities:

Eyewash.

Notes for medical personnel:

Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:

Not a fire hazard.

HAZCHEM code:

N/A

Combustion products:

Not known.

Extinguishing media & methods:

Use methods appropriate to combustible material involved. Fertiliser is soluble in water. Waste water should be contained or diluted with large excess.

Recommended protective clothing:

Fire-fighters to wear self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection:

See Section 8.3 for appropriate PPE.

Containment and clean up:

Contain and collect spillage. Dispose of contaminated material at an approved landfill or use as prescribed on the label.

Special requirements:

See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Wear appropriate PPE as detailed in Section 8.3. Read label before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust or spray.
Subsection 2:	Storage
	Store locked up in a cool dry place away from foodstuffs.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Workplace exposure standards	No exposure standards have been set for this substance.
Subsection 2:	Engineering Controls
Exposure control measures	Use only outdoors or in a well-ventilated area. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust respirator.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications for equipment	Wear eye/face protection, gloves, dust mask and protective clothing.
General hygiene	Do not eat, drink or smoke while using this product. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

Section 9: Physical and Chemical Properties

Appearance	Off White Powder	pH	Not available
Odour	Mild	Boiling point (degC)	N/A
Specific gravity (kg/L)	Not available	Freezing point (degC)	N/A
Solubility	Soluble in water	Flammability Information	Not flammable

Section 10: Stability and Reactivity

Stability of substance:	Generally stable.
Conditions to avoid:	No specific conditions to be noted.
Material to avoid:	No specific materials noted.
Hazardous decomposition products:	Not known.
Hazardous polymerization:	Will not occur.

Section 11: Toxicological Information

Data and interpretation: Calculated Oral LD50 >45000mg/kg.
See Section 2 for general hazard information.

Section 12: Ecological Information

Potential environmental interactions: Designed as a fertiliser to aid plant growth. Excessive release is likely to have a detrimental effect on the environment.

Section 13: Disposal Considerations

Product disposal: Dispose of only by using in accordance with the label instructions or at an approved landfill.

Container disposal: Render packaging incapable of holding product and dispose of at an approved landfill.

Section 14: Transport Information

UN Number: N/A

DG Class and Subsidiary Group: N/A

Proper shipping name: N/A

Packing group: N/A

HAZCHEM code: N/A

Special precautions: Do not carry more than 10kg on a passenger service vehicle.

Section 15: Regulatory Information

Regulatory status: Approved Pursuant to the HSNO Act 1996, under the Fertilisers (Subsidiary Hazard) group standard (HSR002571). See www.epa.govt.nz for approval conditions.

Trigger Quantities: locations holding more than these quantities must adhere to the relevant requirements:
SDS must be available for Any quantity

Section 16: Other Information

Revision due: 29 October 2022.

Additional information: Directions for use are found on the product label.

Glossary:

CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose to kill 50% of test animals/organisms
PPE	Personal Protective Equipment

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of GroChem, it is the user's responsibility to determine conditions of safe use of the product.