

Infosafe No™ 5GF98	Issue Date : July 2020	Status : ISSUED
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 Product Name **Superb**

Not classified as hazardous

1. Identification

GHS Product Identifier	Superb
Company Name	BioAg Pty Ltd (ABN 58 086 880 211)
Address	22-26 Twynam Street Narrandera NSW 2700 Australia
Telephone/Fax Number	Tel: +61 2 6958 9911 Fax: +61 2 6959 9922
Emergency phone number	+61 428 640 070 (All Hours)
E-mail Address	sales@bioag.com.au
Recommended use of the chemical and restrictions on use	Phosphate/calcium fertiliser in agriculture, vines, trees and turf enterprises.

2. Hazard Identification

GHS classification of the substance/mixture	Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
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3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Calcium Sulphate Dihydrate	10101-41-4	30-60 %
	Non hazardous component(s) to 100%		

4. First-aid measures

First Aid Measures	If symptoms persist contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.
Inhalation	Remove patient from exposure if safe to do so. If not breathing, apply artificial respiration. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.
Ingestion	Do NOT induce vomiting. Rinse mouth out with water. Give water to drink. Seek medical advice.
Skin	Remove contaminated clothing and wash affected area thoroughly with soap and water. In the event of an allergic reaction persists, seek medical attention.
Eye contact	Hold eyelids open and irrigate continuously with water for 15 minutes. In all cases of eye contamination it is sensible to seek medical advice.
First Aid Facilities	Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor	Treat symptomatically. Show this SDS to the medical practitioner.

5. Fire-fighting measures

Fire Fighting Measures	Material is non-flammable. If material is involved in a fire, deluge with water to cool containers. Evacuate area move upwind of fire.
Suitable extinguishing media	Use extinguishing media appropriate to surrounding fire conditions.
Hazards from Combustion Products	This product may evolve sulphur and phosphorous oxides if heated to decomposition.

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Special Protective Equipment for fire fighters Fire fighters to wear full body protective clothing with self-contained breathing apparatus (SCBA).

6. Accidental release measures

Spills & Disposal Any spillage should be contained promptly. Avoid generating dust. Avoid concentrated spillage from entering drains or watercourse. Recover contained product and recycle if possible. Dispose of in accordance with local waste management regulations. Use suitable containers for disposal.

Personal Protection Refer section 8.

Environmental Precautions Review local regulations before release to the environment.

7. Handling and storage

Handling and Storage Store in a cool, dry, well-ventilated place. Store away from incompatible materials including oxidising agents, alkalines and hypochlorites.

Precautions for Safe Handling Avoid skin and eye contact. When handling do not eat, drink or smoke. Wash hands before using toilet facilities. Avoid inhalation of product dust.

Additional information on precautions for use Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

Occupational exposure limit values SWA exposure limits: No value/s assigned for this specific material, however the exposure standard for dust not otherwise stated is 10mg/m³ (inspirable dust) and 3mg/m³ (respirable dust).

Biological Limit Values None established

Appropriate engineering controls Avoid dust generation. Ensure ventilation is adequate. Ensure an eye wash system is available.

Respiratory Protection A suitable dust mask is recommended if product poses an inhalation risk.

Eye Protection The use of safety glasses is recommended.

Hand Protection The use of PVC gloves is recommended.

Body Protection The use of overalls and boots are recommended.

9. Physical and chemical properties

Form Powder

Appearance Blend of dark grey to black granule and sand coloured powder

Odour Slightly earthy, aromatic

Solubility in Water Slightly soluble (<5%)

Specific Gravity 1.38 - 1.45

pH 7.55 - 7.65 (in water)

Flammability Non-flammable

10. Stability and reactivity

Chemical Stability Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid Avoid ignition sources and high heat. Avoid storing in aluminium containers and avoid contact with oxidising agents.

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Hazardous Decomposition Products	If involved in a fire, this product may generate irritating fumes and gases, including sulphur and phosphorous oxides.
Possibility of hazardous reactions	Not expected to occur.

11. Toxicological Information

Toxicology Information	No LD50 data available for the product.
Ingestion	Ingestion may result in gastric upset. Do NOT induce vomiting. Seek medical attention.
Inhalation	May cause respiratory tract discomfort.
Skin	If topical irritation occurs, wash and treat symptomatically.
Eye	Product dust may cause chemical and mechanical eye irritation.
Chronic Effects	This product may contain low levels of fluoride (F1) as an impurity.
Other Information	Slight risk of product hardening in the stomach. Drinking gelatine solutions or large quantities of water may delay or reduce this risk. In severe cases of ingestion surgical relief of obstruction, particularly at the phlorus, may be required.

12. Ecological information

Ecotoxicity	No data is available on the product itself.
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13. Disposal considerations

Disposal Considerations	Use up product completely. If necessary, dispose of excess product according to state and local waste disposal regulations.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail or NZS 5433:1999 Transport of Dangerous Goods on Land.
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15. Regulatory information

Poisons Schedule	Not Applicable
AICS (Australia)	All ingredients listed

16. Other Information

Other Information	SDS revision: July 2020 Previous revision: 19 June 2017
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DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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