

Infosafe No™ 5GF99	Issue Date : July 2020	Status : ISSUED
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Product Name **BioAg Phos S10**

Not classified as hazardous

1. Identification

GHS Product Identifier BioAg Phos S10

Company Name BioAg Pty Ltd (ABN 58 086 880 211)

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Recommended use of the chemical and restrictions on use Phosphate/sulphur fertiliser in agriculture, horticulture, vines, trees and organic 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)

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sulphur	7704-34-9	0-<10 %
	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 If involved in a fire, this product may evolve toxic gases including sulphur and phosphorous oxides.

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

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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	If contamination of drains or waterways occurs contact local emergency services immediately.

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/m ³ (inspirable dust) and 3mg/m ³ (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	Dark grey to black granule with whitish pastilles
Odour	Slightly sweet/earthy, aromatic
Solubility in Water	Insoluble
Specific Gravity	1.50 - 1.53
pH	8.4 (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	Nil known
Hazardous Decomposition Products	If involved in a fire, this product may generate irritating fumes and gases, including sulphur and phosphorous oxides.

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Possibility of hazardous reactions Not expected to occur.

11. Toxicological Information

Toxicology Information No LD50 data available for the product itself.
Sulphur (7704-34-9): LC50 (inhalation): 1,660 mg/m3 (mammal)
LDLO (ingestion): 5g/kg (goat/sheep)

Ingestion Low to moderate toxicity. Ingestion may cause gastric upset.

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.

12. Ecological information

Ecotoxicity No data is available on the product itself.

13. Disposal considerations

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

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.

15. Regulatory information

Poisons Schedule Not Applicable

AICS (Australia) All ingredients listed

16. Other Information

Other Information SDS revision: July 2020
Previous revision: March 2019

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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