

Infosafe No™ 5GF8G	Issue Date : May 2020	Status : ISSUED
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Product Name **BioAgBor**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** BioAgBor

**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** Nutrient supplement for agricultural use.

## 2. Hazard Identification


**GHS classification of the substance/mixture** Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.  
Eye Damage/Irritation: Category 2A  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

**Signal Word (s)** WARNING

**Hazard Statement (s)** Causes serious eye irritation.

**Precautionary statement – General** Keep out of reach of children.

**Pictogram (s)** Exclamation mark



**Precautionary statement – Prevention** Wash contaminated skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

## 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Hydroboracite	12046-12-7	100 %

## 4. First-aid measures

**First Aid Measures** Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after incident is recommended.  
If experiencing persistent irritation, seek medical advice from a physician or contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0800 764 766).

**Inhalation** Do not intentionally breathe vapours. If inhaled, remove from contaminated area and supply fresh air. Apply artificial respiration if not breathing.

**Ingestion** Call a doctor immediately. Do NOT induce vomiting. Rinse mouth with water (only if person is conscious).

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water and soap. Seek medical attention if discomfort persists.

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**Eye contact** Immediately flush eyes with plenty of water for 10 - 15 minutes. Keep eyes wide open while flushing. Seek medical attention if irritation persists.

**Advice to Doctor** Treat symptomatically. Show this SDS to the medical practitioner.

## 5. Fire-fighting measures

**Fire Fighting Measures** Evacuate area and contact emergency services. Toxic gases may be evolved in a fire. Remain upwind and notify those downwind of hazard.

**Suitable extinguishing media** Use fire extinguishing methods suitable to surrounding conditions. Water spray jet, foam and dry-fire extinguishing materials are recommended.

**Hazards from Combustion Products** In case of fire, the following may be released: metal oxide fumes.

**Special Protective Equipment for fire fighters** Wear full protective equipment including self-contained breathing apparatus (SCBA) when combating fire.

**Specific hazards arising from the chemical** Non-flammable, non-combustible.

## 6. Accidental release measures

**Emergency Procedures** Wear protective equipment. Keep unprotected persons away.

**Spills & Disposal** Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand or similar material). Collect (sweep and shovel) in suitable containers for disposal. Re-use if not contaminated. If contaminated, dispose of according to local authority guidelines.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid contact with eyes and skin. Do not eat, drink or smoke in the workplace when handling this material. Wash hands after handling the product. Read product label before use. Prevent dust formation. Protect from heat. Keep respiratory protective equipment available.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry, well-ventilated place out of direct sunlight and away from incompatible materials (listed in Section 10 of this SDS). Keep containers adequately labelled and closed when not in use. Check regularly for leaks or build up of pressure. Large storage areas should be well-ventilated.

## 8. Exposure controls/personal protection

**Exposure Controls, Personal Protection** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with eyes and skin.

**Occupational exposure limit values** Rouge dust (TWA): 10mg/m<sup>3</sup>

**Appropriate engineering controls** No special engineering controls required for handling this material. Avoid inhalation. Use in well-ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Ensure eyewash stations and safety showers are close to the workstation location.

**Respiratory Protection** In case of brief exposure or low pollution, use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Eye Protection** Tightly-sealed safety goggles recommended.

**Hand Protection** Chemical resistant gloves may be considered.

**Body Protection** Protective work clothing

## 9. Physical and chemical properties

**Form** Solid - Granules

**Appearance** White to off-white powder/granules.

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<b>Odour</b>	Odourless
<b>Melting/Freezing Point</b>	700-900 C
<b>Boiling Point</b>	Not applicable.
<b>Solubility in Water</b>	0.2% @ 25C
<b>Density</b>	2.17 g/cm3
<b>Flammability</b>	Non-flammable

## 10. Stability and reactivity

<b>Chemical Stability</b>	Product considered stable under normal conditions of use.
<b>Reactivity and Stability</b>	No dangerous reactions known.
<b>Conditions to Avoid</b>	Avoid incompatible materials and extreme temperatures.
<b>Incompatible Materials</b>	Incompatible with strong oxidising agents, acids and alkalies.
<b>Hazardous Decomposition Products</b>	May evolve toxic gases when heated to decomposition.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	Oral LD50 (mouse): 3,163 mg/kg
<b>Ingestion</b>	No information available. Ingestion is considered unlikely.
<b>Inhalation</b>	Irritant to mucous membranes.
<b>Skin</b>	May be irritating to skin.
<b>Eye</b>	Strong irritant with the danger of severe eye injury.
<b>Chronic Effects</b>	No data supplied.

## 12. Ecological information

<b>Ecotoxicity</b>	Slightly harmful to aquatic environment.
<b>Persistence and degradability</b>	This product is a fertiliser and will react in the soil as such. The substance is inorganic, therefore no biodegradation tests are applicable.
<b>Mobility</b>	No further relevant information available.
<b>Bioaccumulative Potential</b>	No further relevant information available.
<b>Environmental Protection</b>	Do not allow undiluted product or large quantities to enter sewers/surface or ground water.

## 13. Disposal considerations

<b>Product Disposal</b>	Ensure product is disposed of in accordance with all applicable national, state and local regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.
<b>Container Disposal</b>	When possible, containers should be rinsed with clean water and disposed of in line with local regulations.

## 14. Transport information

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 15. Regulatory information

<b>Regulatory Information</b>	Substance is subject to any prohibitions or restrictions in the country or region where it is being shipped.
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# Safety Data Sheet

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**Poisons Schedule** Not Scheduled

**AICS (Australia)** All of the components in this product are listed on the Australian Inventory of Chemical Substances.

## 16. Other Information

**Date of preparation or last revision of SDS**

May 2020

**Other Information**

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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