

Infosafe No™ 5GF88	Issue Date : May 2020	Status : ISSUED
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 Product Name **Hydrasea 50**

Not classified as hazardous

1. Identification

GHS Product Identifier	Hydrasea 50
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	Crop fertilizer and soil amendment

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)
Other Information	Wear suitable protective eye protection and clothing due to staining.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Ingredients determined to be non-hazardous at the formulation concentration		to 100%

4. First-aid measures

First Aid Measures	Non-toxic material. 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. Ventilate the area well and go to an open space.
Ingestion	Non-toxic if ingested. Wash out mouth with water and drink milk or water. Possible irritation of mouth and digestive tract.
Skin	Wash with mild soap and water. Seek medical attention if discomfort persists.
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 MSDS to the medical practitioner.

5. Fire-fighting measures

Suitable extinguishing media	Use extinguishing media suitable to surrounding conditions. Caution: slippery in liquid form or when mixed with water. No usual fire or explosion hazards noted.
Hazards from Combustion Products	This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn. As a water-based product, if spilt on electrical equipment the product will cause short-circuits.
Special Protective Equipment for fire fighters	Wear full protective equipment and a self-contained breathing apparatus (SCBA).

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Specific hazards arising from the chemical Non-flammable. Non-combustible. Non-explosive.

6. Accidental release measures

Emergency Procedures Wear suitable protective clothing, gloves and eye protection.

Spills & Disposal Wear suitable protective clothing, gloves and eye protection. Absorb large spills with sand or any suitable medium. Handle in a well ventilated area. Dispose of according to local authority guidelines.

7. Handling and storage

Precautions for Safe Handling Avoid inhalation, direct contact with skin and eyes. Use personal protective equipment as specified in section 8. Always respect hygiene; do not eat or drink in work areas.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks or build up of pressure.

8. Exposure controls/personal protection

Occupational exposure limit values No value assigned for this specific material by Safe Work Australia.

Appropriate engineering controls No special engineering controls required for handling this material.

Respiratory Protection No respiratory protection required during normal handling.

Personal Protective Equipment No special precautions are required. However the following PPE may be worn to reduce the risk of injury/illness:
OVERALLS, SAFETY GLASSES, GLOVES.

9. Physical and chemical properties

Form Liquid

Appearance Dark brown liquid

Odour Marine-like

Solubility in Water Soluble

Specific Gravity 1.20 - 1.22

pH 8.5 - 10.0

Flammability Non-flammable

10. Stability and reactivity

Chemical Stability Product considered stable under normal conditions of use.

Conditions to Avoid Excessive heat or freezing temperatures and direct sunlight.

Incompatible Materials Strong acids and strong oxidising agents may cause degradation.

Hazardous Polymerization Will not occur

11. Toxicological Information

Toxicology Information No adverse health effects are expected under normal conditions of use. Symptoms and effects that may arise if the product is mishandled and overexposure occur are listed below.

Acute Toxicity - Oral This product is not deemed to pose any toxicological hazard.

Ingestion Ingestion of significant amounts may cause nausea and discomfort.

Inhalation Inhalation may cause irritation of the nose, throat and respiratory system.

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Skin	May be irritating to the skin. The symptoms include redness, itching and swelling.
Eye	May be irritating to the eyes. The symptoms may include redness, itching and tearing.
Chronic Effects	No data supplied.

12. Ecological information

Ecotoxicity	Plant nutritional supplement and plant vitamin; high concentrations may cause burn of plants.
Environmental Fate	Product presents minimal environmental impact.
Bioaccumulative Potential	Product is not expected to bioaccumulate.
Environmental Protection	Large quantities should not be discharged into waterways, drains or sewers.

13. Disposal considerations

Product Disposal	No classified as hazardous waste. Product must be disposed of in accordance with all applicable national, state and local regulations.
Container Disposal	When possible, containers should be rinsed with clean water and disposed of in line with local 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.
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15. Regulatory information

Regulatory Information	Classified as non-hazardous. Substance is subject to any prohibitions or restrictions in the country or region where it is being shipped.
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	15 May 2020
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Other Information	<p>DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER.</p> <p>Always use product as directed. Never return any unused material to original drum.</p> <p>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.</p> <p>...End Of MSDS...</p>
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