

Infosafe No™ 5GF8X	Issue Date : July 2020	Status : ISSUED
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 Product Name **Balance & Grow**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	Balance & Grow
<b>Company Name</b>	BioAg Pty Ltd (ABN 58 086 880 211)
<b>Address</b>	22-26 Twynam Street Narrandera NSW 2700 Australia
<b>Telephone/Fax Number</b>	Tel: +61 2 6958 9911 Fax: +61 2 6959 9922
<b>Emergency phone number</b>	+61 428 640 070 (All Hours)
<b>E-mail Address</b>	sales@bioag.com.au
<b>Recommended use of the chemical and restrictions on use</b>	For use as a foliar fertilising agent, suitable for use in agriculture/horticulture.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	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
	Phosphoric acid	7664-38-2	0-5 %
	Ingredients determined to be non-hazardous at the formulation concentration		to 100%

## 4. First-aid measures

<b>First Aid Measures</b>	Non-hazardous 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).
<b>Inhalation</b>	Do not intentionally breathe vapours. Remove patient to fresh air. Inhalation risks not expected to occur. If breathing is difficult, give oxygen and seek medical advice.
<b>Ingestion</b>	Rinse mouth with water. Do NOT induce vomiting. If swallowed, drink water. If vomiting occurs, give further water. Seek medical advice.
<b>Skin</b>	Remove contaminated clothing and was affected area thoroughly with soap and water. Obtain medical attention if irritation occurs and persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for 10 - 15 minutes. Keep eyes wide open while flushing. In all cases of eye contamination it is a sensible precaution to seek medical attention.
<b>Advice to Doctor</b>	Treat symptomatically. Show this SDS to the medical practitioner.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing media suitable to surrounding conditions.
<b>Special Protective Equipment for fire fighters</b>	No fire or explosion hazards exist. Cool exposed containers with water spray to maintain container integrity. If container integrity is breached then self-contained breathing and protective clothing may be necessary.
<b>Specific hazards arising from the chemical</b>	Non-flammable. Non-combustible. Non-explosive.

## 6. Accidental release measures

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<b>Emergency Procedures</b>	Wear suitable personal protective equipment (PPE) as detailed in section 8 of this SDS.
<b>Spills &amp; Disposal</b>	Recover spilt product as soon as possible and store appropriately. Absorb remaining product in sand, earth or vermiculite. For disposal options see Section 13 of this SDS.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Use personal protective equipment as specified in section 8. When handling do not eat, drink or smoke. Wash hands thoroughly after handling product and maintain good personal hygiene throughout handling operations.
<b>Conditions for safe storage, including any incompatibilities</b>	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. Store separate to other farm chemicals; e.g. insecticides, fungicides and herbicides.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No value assigned for this specific material by Safe Work Australia. Phosphoric Acid (ingredient) TWA = 1mg/m <sup>3</sup> , STEL = 3mg/m <sup>3</sup> .
<b>Appropriate engineering controls</b>	Material can have strong odour. Avoid inhalation and ensure adequate ventilation when using the product.
<b>Respiratory Protection</b>	No respiratory protection required during normal handling.
<b>Eye Protection</b>	Safety glasses may be considered.
<b>Hand Protection</b>	Chemical resistant gloves may be considered.
<b>Personal Protective Equipment</b>	The selection of personal protective equipment (PPE) should be based on a risk assessment, including the quantity of product being handled, the work environment in which it is being undertaken and the level of exposure. Normal work clothing may suffice during transfer operations in the field.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Brown liquid
<b>Odour</b>	Rich, sweet aroma
<b>Boiling Point</b>	100 C
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity</b>	1.22
<b>pH</b>	2.2
<b>Flammability</b>	Non-flammable

## 10. Stability and reactivity

<b>Chemical Stability</b>	Product considered stable under normal conditions of use. Product is stable for at least 18 months under ambient storage conditions.
<b>Conditions to Avoid</b>	Avoid exposure to heat and prolonged high temperatures. Avoid storing above 30 C as product may decompose.
<b>Incompatible Materials</b>	No specific materials.
<b>Hazardous Polymerization</b>	Will not occur

## 11. Toxicological Information

<b>Toxicology Information</b>	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.
<b>Acute Toxicity - Oral</b>	No LD50 data available for this product.

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<b>Ingestion</b>	Ingestion of significant amounts may cause nausea, vomiting and discomfort.
<b>Inhalation</b>	Non-harmful by inhalation.
<b>Skin</b>	Mildly irritating to skin.
<b>Eye</b>	May be irritating to eyes.
<b>Chronic Effects</b>	No data supplied.

## 12. Ecological information

<b>Ecotoxicity</b>	No information available.
<b>Persistence and degradability</b>	Will degrade quickly in contact with soil.
<b>Bioaccumulative Potential</b>	Product is not expected to bioaccumulate.

## 13. Disposal considerations

<b>Product Disposal</b>	Ideally, the product should be used for its intended purpose. Beneficial reuse is the preferred disposal option. If the product is contaminated with soil, or other non-harmful substances and it can be satisfactorily applied, use it as intended. If contaminated with other materials, e.g. fuel, oil or other chemicals, the waste must be disposed of in accordance with all applicable national, state and local regulations. When possible, packaging/containers should be rinsed with clean water and disposed of in line with local regulations. Contact appropriate waste management authority for advice.
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## 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>	Classified as non-hazardous. Substance is subject to any prohibitions or restrictions in the country or region where it is being shipped.
<b>Poisons Schedule</b>	Not Scheduled
<b>AICS (Australia)</b>	All of the components in this product are listed on the Australian Inventory of Chemical Substances.

## 16. Other Information

<b>Date of preparation or last revision of SDS</b>	July 2020
<b>Other Information</b>	<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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