

Section 1 - Identification of the Material and Supplier

Product Name:	FoliMAX Bi-Pass
Other Means of Identification:	Mixture
Recommended Use of the Chemical and Restriction on Use:	Agricultural, turf, amenity and horticultural fertiliser.
Details of Supplier or Importer:	Australian Agribusiness (Holdings) Pty Ltd Suite 201, Level 2, 3 Rider Boulevard, Rhodes NSW 2138 Phone: 02 9395 1200 (office hours) www.aus-ag.com.au
This Version Issued:	November 2024 and is valid for 5 years from this date.
Emergency telephone number:	National Poisons Centre: Phone 13 11 26

Section 2 - Hazards Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not Classified as Dangerous Goods according to the Australian Code for Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.



Skin Irritation Category 2



Serious Eye Damage Category 1

GHS Signal word: Danger.

Hazard Statements:

H315: Causes skin irritation.

H318: Causes serious eye damage.

Precautionary Statements:

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P310: Immediately call a POISON CENTRE or doctor/physician.

P362+P364: Take off contaminated clothing and wash before reuse.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of water and soap.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: Not combustible. In case of fire use extinguishing media suited to burning materials.

P410: Protect from sunlight.

P402+P404: Store in a dry place. Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

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Section 3 - Composition/Information on Ingredients

Chemical Characterisation: Mixture

Description: Mixture of substances listed below.

Components/Information:		
No data	Long chain alkylated polymers and polyelectrolytes	50 - 60%
CAS: 5949-29-1	Citric acid, monohydrate	≤20 %
No data	Non-hazardous ingredients (secret)	≤30%

Section 4 - First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if irritation or breathing problems develop.

Skin Contact: In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation occurs/persists.

Eye Contact: In case of eye contact, rinse with water for several minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention immediately.

Ingestion: If swallowed, do not induce vomiting. Immediately rinse mouth with water and give water to drink. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.
 Skin Contact: Causes skin irritation.
 Eye Contact: Causes serious eye damage.
 Ingestions: May cause irritation to mucous membranes.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Fire decomposition products include unidentified, potentially toxic fumes. Take appropriate protective measures. On combustion may emit toxic fumes of carbon monoxide (CO), may emit acrid smoke. Containers close to fire should be removed if only safe to do so. Use water spray to cool fire exposed containers. Minimise run-off from fire fighting entering drains and water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

Section 6 - Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid breathing vapours. Take care as spill may cause a slip hazard.

Environmental precautions: In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into suitable container for disposal.

Section 7 - Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye and/or skin contact. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eye wash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Keep away from incompatibilities.

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Section 8 - Exposure Controls and Personal Protection

Exposure Standards:

No specific exposure standards are available for this product.

Personal Protection:

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715 and 1716**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS/NZS 1337**.

Engineering Controls: Natural ventilation should be adequate under conditions of normal use. If natural ventilation is inadequate, use of a fan is suggested.

Respirator Protection:

Respiratory protection is not required under normal use conditions.

Where an inhalation risk exists, wear dust mask or approved particulate respirator (filter type P). At high vapour/mist levels, wear a powered air purifying respirator (PAPR) with P3 filter or an air-line respirator or a full-face P3 (particulate) respirator. See above AS/NZS standards for more information.

Skin Protection:

Wear chemical resistant/protective gloves. See above AS/NZS standards for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Wear protective clothing ensuring all skin areas are covered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See above AS/NZS standards for more information.

Eye and Face Protection: Eye and face protectors against splashing materials or liquids. See above AS/NZS standards for more information.

Section 9 - Physical and Chemical Properties:

Appearance:

Form:	Viscous liquid.
Colour:	Brown.
Odour:	Slight ammoniacal odour.
Odour Threshold:	No information available.
pH-Value:	2 – 2.5
Freezing Point/Melting Point:	Approximately 0°C.
Initial Boiling Point/Boiling Range:	Approximately 100°C at 100kPa.
Flash point:	Will not burn until water component is driven off.
Flammability (solid, gas):	Product is not flammable.
Autoignition temperature:	No information available.
Decomposition Temperature:	No information available.
Explosion Limits:	
Lower:	No information available.
Upper:	No information available.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	As for water.
Specific gravity:	1.28
Evaporation Rate:	As for water.
Solubility in Water:	Completely soluble.
Partition Coefficient (n-octanol/water):	No information available.

Section 10 - Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperatures and under normal conditions of storage and use.

Conditions to Avoid: Sunlight, hot conditions, keep dry.

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Incompatibilities: Oxidising agents.

Hazardous Decomposition Products: Product is likely to decompose only after heating to dryness, followed by further strong heating. Combustion forms carbon dioxide and if incomplete, carbon monoxide and possible smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Calcium compounds.

Section 11 - Toxicological Information

Toxicity:

Acute Health Effects

Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation.
Eye Contact: Causes serious eye damage.
Ingestions: May cause irritation to mucous membranes.

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Based on classification principles, the classification criteria are not met.
This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) – Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) – Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic health Effects: No data associated with long term effects.

Existing Conditions Aggravated by Exposure: No data available.

Section 12 - Ecological Information

Ecotoxicity:

Aquatic toxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in soil: No data available on finished product.

Other adverse effects: No further relevant information available.

Section 13 - Disposal Considerations

Disposal Methods and Containers:

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste management Authority for more information.

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Section 14 - Transport Information

UN Number: Not regulated.
Proper Shipping Name: Not regulated.
Dangerous Goods Class: Not regulated.
Packing Group: Not regulated.

Section 15 - Regulatory Information

Australian Inventory of Industrial Chemicals:
All components are on the inventory or in compliance with the inventory.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) – Poison Schedule:
Not a scheduled poison.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG	Australian Dangerous Goods	LC50	Lethal concentration, 50 percent
IMDG	International Maritime Dangerous Good	LD50	Lethal dose, 50 percent
IATA	International Air Transport Authority	STOT	Specific Target Organ Toxicity
GHS	Globally Harmonised System of Classification and Labelling of Chemicals	NES:	National Exposure Standard (Safe Works Australia – Workplace Exposure Standards for Airborne Contaminants)
IARC	International Agency for Research on Cancer	TWA	Time Weighted Average
CAS number	Chemical Abstracts Service Registry Number	UN Number	United Nations Number

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (July 2020) and GHS Revision 7

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