

SAFETY DATA SHEET

Product Name: Plant Health Buxus Blight Buster


Issue Date: 22/09/2017

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	Plant Health Buxus Blight Buster
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited; Adria Crop Protection
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand;
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand; P.O. Box 535, Kumeu 0841, Auckland
Telephone	+64 3 389 0778; 09-412-9817
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz ; www.adria.nz
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.1E (oral)	Not applicable for the UN	No pictogram	Warning	H303	P102 ^b	P101 ^b	No storage statements	P501
8.3A	Not applicable for the UN RTDG Model Regulations		Danger	H318	P102 ^b P103 ^b P280	P101 ^b P305 + P351 + P338 P310	No storage statements	P501
9.1C	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H412	P103 ^b P273	No response statements	No storage statements	P501

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The logo for KIWICARE, featuring the word "KIWICARE" in a bold, white, sans-serif font inside a black speech bubble shape.

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Dangerous Goods:	Not a DG, signal word = danger
Packaging Group:	III
Hazardous Substance (HSNO) Codes:	6.1E (May be harmful to humans) 8.3A (Eye corrosive) 9.1C (Harmful to aquatic life)
Hazard Statement:	H303: May be harmful if swallowed. H318: Causes serious eye damage. H412: Harmful to aquatic life with long lasting effects.
Precautionary Statements:	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use. P280: Wear protective gloves/protective clothing/eye protection/face protection. P310: Immediately call a POISON CENTER or doctor/physician. P273: Avoid release to the environment. P305+351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501: In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Please follow the product label instructions

Appearance: Whitish-grey powder. Characteristic odour.

Ingredients

Ingredients	CAS #	Content %
Fosetyl Aluminium	39148-24-8	78.0 - 81.5%
Other non-active ingredients	NA, mixture	To 100%

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Rinse mouth. **DO NOT INDUCE VOMITING.** Obtain emergency medical attention. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.

Eye Contact: Redness. Blurred vision. Burning sensation. May cause eye damage. In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain emergency medical attention if pain, blinking, tears or redness persist

Skin Contact: Not expected to present a significant skin hazard under anticipated conditions of normal use. For even minor contact, immediately remove contaminated clothing/wash skin thoroughly with mild soap / water.

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4. FIRST AID MEASURES

Inhalation:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Assure fresh air breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention if breathing difficulty persists.
Aggravating Conditions:	Repeated or prolonged exposure is not known to aggravate medical condition.

5. FIRE FIGHTING MEASURES

Specific Hazards:	No specific hazard.
Prevention:	Minimize generation of dust. No naked lights. No smoking. Quantity of dust may be sufficient to burn in open air or explode if confined, when mixed with air and exposed to ignition source.
Suitable Extinguishing Media:	Keep fire exposed containers cool by spraying with water. Appropriate fire extinguishers are CO ₂ , Powder or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away and move all other personnel to windward side of fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent leakage or spillage if safe to do so.
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6. ACCIDENTAL RELEASE MEASURES

Minor Spills (Up to 20 kg):	Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer.
Major Spills (more than 20 kg):	<p>Wear protective clothing. Clear area of unprotected personnel. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. Spill area may be slippery. On land, sweep or shovel into suitable containers. Dilute residues and flush.</p> <p>If spill does enter waterway contact local authority. Contaminated absorbent and wash water should be disposed of according to local and national regulations.</p> <p>Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.</p>

7. HANDLING AND STORAGE

Precautions for safe handling:	Approved dust or mist respirator should be used if airborne particles are generated when handling this material. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. No naked lights. No smoking. Proper grounding procedures to avoid static electricity should be followed. Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children and animals. Do not allow product to get wet in storage.
Protection against fire and explosion:	Keep away from heat sources. Keep away from oxidizing agents.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 8 th edition)
Engineering Controls:	Keep away from foodstuffs, beverages and feed. Always use with adequate ventilation. Wash hands before breaks and at the end of work.
Hand protection:	Suitable chemical resistant gloves are recommended for applicants. Where excessive dust may result, wear approved mask.
Eye protection:	Wear safety glasses or full face shield if splashes are likely to occur.
Body protection:	Apron, protecting boots. Skin protection not ordinarily required beyond standard issue work clothes. It is good practice to wear chemical resistant gloves.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.
Environmental Exposure Controls:	Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

S Substance	CAS #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Whitish-grey powder. Characteristic odour.
Solubility:	No data.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity:	0.59 g/ml
Flash Point:	>93 °C
pH Value:	4
Chemical Family:	Organophosphate Aluminium derivative
Other:	NA
Exposure Standards (TLV-TW):	Refer to section 8
Engineering Controls:	Refer to section 8

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Avoid contact with: Strong oxidizing agents.
Incompatibility or conditions to be avoided:	Avoid strong oxidising and reducing agents. Avoid heat, sparks and open flame.
Thermal Decomposition:	Thermal decomposition generates: Carbon monoxide.
Hazardous Properties:	Potentially corrosive to eyes. When mixed with air and exposed to an ignition source, dust may burn in the open air or explode if confined.

11. TOXICOLOGICAL INFORMATION

For the substance (final product):

Skin corrosion/irritation:	Unlikely to cause skin irritation.
Serious eye damage/eye irritation:	HSNO 8.3A or GHS H318; causes eye damage.
Respiratory or skin sensitization:	Not a respiratory or skin sensitizer.
Germ cell mutagenicity:	Not mutagenic.

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11. TOXICOLOGICAL INFORMATION

Carcinogenicity:	Not carcinogenic.
Reproductivity:	Not reproductive.
Acute Toxicity:	Acute LD ₅₀ > 5000 ppm (calculated)
Chronic Toxicity:	No chronic toxicity. Fosetyl Aluminium did not cause specific target organ toxicity in experimental animal studies.

12. ECOTOXICITY INFORMATION

Ecological information:	HSNO 9.1C or GHS 412: Harmful to the aquatic environment. LC ₅₀ (fish, 96hrs) > 132 ppm; LC ₅₀ (Daphnia Magna, 48 hrs) > 132 ppm; LC ₅₀ (Algae 72 hours) = 21 ppm.
Rapid degradability & Bioaccumulative:	No data
Soil Toxicity:	No soil toxicity

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation: In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.



Disposal:	Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.
Container Disposal:	Avoid contamination of any water supply with chemical or empty container. In compliance with local and national regulations.

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14. TRANSPORT INFORMATION

Road and Rail

UN Number:	NA
Dangerous Goods Class:	Not a DG for transport. (ADR/RID; IMDG; IATA/ICAO)
Hazchem Code:	NA
Packaging Group:	III
Proper Shipping Name:	NA
Segregation:	None allocated

Marine

UN Number:	NA
Class:	Not a DG for transport. (ADR/RID; IMDG; IATA/ICAO)
Packaging Group:	III
Proper Shipping Name:	NA

Air Transport

UN Number:	NA
Class:	Not a DG for transport. (ADR/RID; IMDG; IATA/ICAO)
Packaging Group:	III
Proper Shipping Name:	NA

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000650
HSNO Classifications:	6.1E, 8.3A, 9.1C.

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15. N.Z. REGULATORY INFORMATION

HSNO Controls:	Refer to HSR000650
HSNO Approved codes of Practice:	Refer to HSR000650
Other controls:	No tracking required, this product must be under the care of an approved handler if used in a wide and dispersive manner.

To avoid risks to man and the environment, comply with the instructions for use.

This information should be considered when making any hazard assessment.

Classification and labelling according to Regulation:

(EC) No 1272/2008 [EU-GHS/CLP]

16. OTHER INFORMATION

SDS date of preparation:	22 / 09 / 2017
SDS date of revision:	22 / 09 / 2022
Emergency Contact	24 Hours
Work Hours	National Poisons Centre
Kiwicare Corporation	PO Box 913
225 Maces Road	Dunedin
PO Box 15050	Tel: 0800 764 766 (POISON)
Christchurch	
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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16. OTHER INFORMATION

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier Adria Crop Ltd.

The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

CLP: Classification, Labelling and Packaging

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time Weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

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