



SAFETY DATA SHEET

Kiwicare Corporation Limited

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1. IDENTIFICATION

PRODUCT NAME: ORGANIC CATERPILLAR BIOCONTROL

2. HAZARDOUS IDENTIFICATION

DANGEROUS GOODS CLASS: not applicable
HSNO HAZARD CLASSIFICATION: not applicable
HAZCHEM CODE: not applicable

3. COMPOSITION

CHEMICAL DESCRIPTION:	C.A.S. NUMBER:	PROPORTION:
Bacillus Thuriengiensis (Kurstaki)	68038-71-1	<10 %
Surfactant	-	<10 %
Sodium Sulphate	7757-82-6	<80 %

4. FIRST AID MEASURES

INHALATION

Unlikely to be inhaled. Can cause irritation of upper respiratory tract. May cause headaches, dizziness and other central nervous system effects. Remove patient to fresh air. If ill effects persist call a doctor.

INGESTION

If poisoning occurs, **do not** induce vomiting. To dilute the ingested product, give affected person one or two glasses of water or milk. Never give an unconscious person anything by mouth. Place in Recovery position. **Obtain medical advice immediately.**

SKIN CONTACT

Product is not a chemical insecticide but contains live biological material and as such should not touch open wound or abrasion. Skin contact can cause irritation, may result in initial stinging, burning tingling or a rash. Wash affected area with soap and water. Remove and wash any contaminated clothing and wash skin. Prolonged or repeated contact may result in degreasing of the skin and dermatitis. May induce an allergic response in susceptible individuals.



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4. FIRST AID MEASURES - continued

EYE CONTACT

May be irritating, characterised by redness, watering and itching. Check for and remove any contact lenses if easy to do so, do not use an eye ointment. Flush eyes with running water for 15 minutes holding eyelids open if necessary. Seek medical advice.

5. FIRE/EXPLOSION MEASURES

Clear fire area of all non-emergency personnel

Extinguishing media Water spray foam, dry chemical or Carbon Dioxide. Fire fighters should wear a full set of protective clothing, including self-contained breathing apparatus. Toxic fumes may be emitted including but not limited to, Sulphur dioxide, Oxides of Carbon, Oxides of Sodium. Contain runoff.

6. ACCIDENTAL RELEASE MEASURES

Keep area well ventilated Floor may be slippery if wet. Eliminate all ignition sources and naked lights. Use non sparking equipment. Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with Sand, Soil or absorbent granules. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Contaminated absorbent and wash water should be disposed of according to local and national regulations. Collect in an appropriate sealable container for disposal in an approved landfill or incinerated at an authorised installation.

7. HANDLING AND STORAGE

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. Keep container sealed when not in use. Rinse out empty containers and do not use for any other purpose.

All aspects of storage, handling, use and record keeping must be in accordance with NZS 8409-2004 "Management of Agrichemicals" and local and regional council

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Avoid all personal contact Wear approved mask, overalls, boots, gloves, safety goggles and safety glasses when using. Wash protective clothing before storage or reuse. Wash hands after use and before, using tobacco products, or toilet facilities. Always use with adequate ventilation.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form	brown granules
Odour	fishmeal
pH	5.5 - 6.5
Boiling point	not applicable

10. STABILITY AND REACTIVITY

Stable under normal conditions of use.	Not an oxidiser
Incompatibility	avoid mixing with strong acids, alkalis and oxidising agents
Corrosive properties	not corrosive
Thermal decomposition	Hazardous gases may be emitted including but not limited to, Sulphur dioxide, Oxides of Carbon, Oxides of Sodium.

11. TOXICOLOGICAL INFORMATION

LD50 oral rat	>5,000 mg/kg
LD50 dermal rat	>5,000 mg/kg
Eye Contact	Will irritate the eyes.
Ingestion	May be harmful if swallowed

12. ECOLOGICAL INFORMATION

Acute oral LD50 Bobwhite quail	>16,665 mg/kg
Acute oral LD50 Mallard duck	>16,665 mg/kg

Contaminated absorbent and wash water should be disposed of according to local and national regulations.

13. DISPOSAL CONSIDERATIONS

Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with Sand, Soil or absorbent granules. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal in an approved landfill or incinerated at an authorised installation. Rinse out empty containers prior disposal. Do not re-use empty container for any other purpose

All aspects of disposal, handling, use and record keeping must be in accordance with NZS 8409-2004 "Management of Agrichemicals" and local and regional council



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14. TRANSPORT INFORMATION

UN NUMBER: not applicable

15. REGULATORY INFORMATION

HSNO APPROVAL CODE: HSR000699

The regulatory information is not intended to be comprehensive. Other regulations may apply to this product

16. OTHER INFORMATION

Avoid release into the environment. Refer to special instructions on Safety Data Sheet and Label

Emergency Contact

Work Hours

Kiwicare Corporation
225 Maces Road
PO Box 15050
Christchurch

☎ (03) 389 0778

Fax: (03) 389 0669

24 Hours

National Poisons Centre
PO Box 913
Dunedin

☎ **0800 764 766 (POISON)**

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

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier. The information in this document should be made available to all who may handle the product

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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.
