



YOUR NEW ZEALAND MADE ORGANIC SOLUTION  
TO A CLEAN GREEN ENVIRONMENT

## Bio-Zyme Cleaner - Sanitiser (see MPI Approvals)

Enzyme based general cleaner sanitiser | Lemon Fragrance

An environmentally preferable cleaner, degreaser, sanitiser and deodorizer Bio-Zyme Cleaner is the safer and healthier alternative to toxic cleaners, solvents, caustics and bleaches.

Bio-Zyme Cleaner concentrated formula can be used full strength or diluted with potable water. Can be used on any washable surface, floors, toilets, urinals, urinettes, carpets and drains. Used more commonly as a cleaner to eliminate smells and soils. When using as sanitiser (see MPI Approvals), rinse with potable water after application. Can be used very effectively through a foaming dispenser for greater coverage.

### Where to use

- 👁 Showers
- 👁 Toilets
- 👁 Carpet
- 👁 Floor
- 👁 Walls
- 👁 Drains
- 👁 Upholstery
- 👁 Hand basins
- 👁 Vehicles
- 👁 Concrete
- 👁 Pet enclosures
- 👁 Tiles/Stainless steel

### Features & Benefits

- 👁 Fully neutralises contaminants as a biodegradable cleaner
- 👁 Reduces the number of chemicals used or stored on site
- 👁 Eliminates odours and uric acid build up
- 👁 Environmentally preferable
- 👁 Kills bacteria on surface - sanitiser (see MPI Approvals)
- 👁 Pleasant fragrance
- 👁 Cost effective
- 👁 Enhances and conditions waste water treatment systems

### Technical Data

- 👁 Environmental Choice
- 👁 BioGro Certified
- 👁 MPI Approvals
- 👁 Dairy Approved and Recognised
- 👁 Waste Water Treatment Systems Preferable
- 👁 Sanitiser (see MPI Approvals)
- 👁 Wide Spectrum Bacteria Control

### Safety

- 👁 Do not swallow
- 👁 Keep out of reach of children
- 👁 Avoid contact with eyes
- 👁 If eye contact occurs wash out with potable water

Available in 1L, 5L, 20L



MPI Approved C32  
MPI Approved Cleaner | Sanitiser  
MPI Dairy Approved and Recognised

## Section 1: Identification of the Substance and the Supplier.

**Product Name:** **Bio-Zyme Cleaner**  
**Recommended use:** Enzyme based deodoriser, cleaner and sanitiser  
**Company details:** Bio-Zyme NZ Ltd  
**Address:** 12 Wigram Close, Sockburn  
PO Box 323, Christchurch 8140  
**Telephone number:** 0800 24 69 96  
**Email:** [office@bio-zyme.co.nz](mailto:office@bio-zyme.co.nz)  
**Emergency Phone No:** 0800 243 622 (0800 CHEMCALL) for out of hours advice

## Section 2: Hazards identification

**Road and Rail Transport:** Not Classified as a Dangerous Good under NZS 5433:2007 (Transport of Dangerous Goods on Land)

**SIGNAL WORD:** Warning

**HSNO classifications:** 6.3 A May cause skin irritation  
6.4 A Causes eye irritation

**ERMA NZ Approval:** HSR 002530 Cleaning Products (Subsidiary) Group Standard



### Hazard Statement(s):

H317 – May cause an allergic skin reaction.  
H320 – Causes eye irritation.

### Precautionary Statements

#### Prevention:

P103 – Read label before use.  
P264 – Wash hands thoroughly after handling.  
P280 – Wear protective gloves/ eye protection.

## Response:

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

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P321 – Specific treatment: None specified.

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

## Disposal:

P501 Dispose of contents and container in accordance with relevant legislation.

For additional information see section 13 of this SDS.

## Section 3: Information on Ingredients

Components	CAS Number	Proportion
Non-Ionic Surfactant	68439-46-3	0-5 % w/w
Lactic Acid	79-33-4	0-5 % w/w
Citric Acid	77-92-9	0-5 % w/w
Lemon Fragrance	-	0-1 % w/w
Non Hazardous ingredients incl water	-	Balance to 100%

## Section 4: First Aid Measures

**First Aid:** Call a Doctor or National Poisons Centre 0800 POISON (0800 764 766) following first aid treatment.

**Skin Contact:** Rinse skin with plenty of water. Remove contaminated clothing and wash before re-use. If skin irritation or rash occurs get medical advice

**Eye Contact:** Rinse with water for several minutes, remove contact lenses if present and easy to do, continue rinsing.  
Call a POISON CENTRE or doctor for advice.

**Ingestion:** Rinse mouth, do **NOT** induce vomiting.  
**IMMEDIATELY call a POISONS CENTRE or doctor.**

**Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

**Medical attention and special treatment:** Treat symptomatically

## Section 5: Fire Fighting Measures

**Hazards from combustion products:** Normally stable. Under extreme heat organic vapours of carbon, nitrogen and sulphur may evolve.

**Precautions for fire fighters and special protective equipment:** Wear self-contained breathing apparatus and protective clothing when in close proximity or in confined spaces.

**Suitable extinguishing media:** All means of extinguishing are acceptable.

**Hazchem:** N/A

## Section 6: Accidental Release Methods

**Method and materials for containment and clean up:** Contain spill with sand or other absorbent material and transfer to plastic drums for approved disposal. Wash away small spills with water. Avoid contamination of waterways

## Section 7: Handling and Storage

**Precautions for safe handling:** Wear protective gloves with prolonged use.

**Conditions for safe storage:** Keep out of reach of children.

## Section 8: Exposure controls/Personal protection

**Workplace Exposure guidelines:** Minimise exposure by good ventilation. Consider use of respirator if working in confined or unventilated spaces

**Ventilation specification:** Minimise exposure by good ventilation. Consider use of respirator if working in confined or unventilated spaces.

**Personal Protective equipment:** Wear protective gloves and eye protection

## Section 9: Physical and Chemical Properties

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Dark Green
<b>Odour:</b>	Lemon fragrance
<b>Solubility in water:</b>	100%
<b>Specific gravity:</b>	1.01
<b>Flash point (°C):</b>	Not Determined
<b>pH:</b>	Neat; 4.0 approx

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions  
**Conditions to avoid:** Heat  
**Material to avoid:** None known  
**Hazardous reactions:** None known

## Section 11: Toxicological Information

**Ingestion:** ENDPOINT: LD50  
 VALUE: >5000 mg/kg  
 REFERENCE: Calculated based on component chemicals using mixture rules set out in the following:  
<http://www.epa.govt.nz/Publications/hsnogen-gs-assigning.pdf>

**Eye contact:** Irritant

**Skin contact:** Irritant

**Inhalation:** Not Determined

**Long term effects:** Not Determined

## Section 12: Ecological information

**Ecotoxicity:** Not considered to be a hazard in the environment, but must be used as per manufacturers instruction

**Biocumulative:** No

**Rapidly Degradable:** Yes

## Section 13: Disposal considerations

### Product:

Recycle if possible..

This product may be treated so it is no longer hazardous by means other than dilution (class 6 & class 8 only may be diluted). This includes burial in a landfill in such a manner that it will not lead to any adverse health effects to any person or exceed any TEL (tolerable exposure limit) set by the Authority for this substance. Avoid contamination of waterways.

### Packaging:

Recycle if possible. All containers are recyclable  
 Packaging if not recycled should be rendered incapable of containing any material.  
 Puncture containers to prevent reuse and take to an authorised landfill.

## Section 14: Transport information

**Road and Rail Transport:** Not Classified as a Dangerous Good under NZS 5433:2007 (Transport of Dangerous Goods on Land)  
**Marine, Air Transport:** Similar listing as for Road and Rail Transport apply

## Section 15: Regulatory Information

**ERMA NZ Approval:** HSR 002530 Cleaning Products (Subsidiary) Group Standard  
**MPI Approved** all animal products except dairy C32  
**MPI Approved** for use in farm dairies. "but not in processing equipment"  
**MPI Recognised** for use in dairy processing. "but not in processing equipment"  
**BioGro Organic certification:** Certified Input for Organics #4839

## Section 16: Other information

**Disclaimer:** This SDS summarises our best knowledge at the date of issue, the chemical health and safety limits of the material and general guidance on how to safely handle the material in the workplace. Since Bio-Zyme NZ Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Bio-Zyme NZ Ltd

Revision History: Version 2.1 created on July 2011.  
Updated to version 2.2 on August 2013. Reason for update: Periodical Review.  
Updated to version 2.3 on February 2018. Reason for update: Section 2 & 13 revised.  
Updated to version 2.4 on August 2019: Section 2, 3 & 12 revised



# BioGro New Zealand

## Certificate of Compliance

This certificate confirms that the company and operations listed below are certified by BioGro

Company: **Bio-Zyme NZ Ltd**  
**C/- Aakland Chemicals**  
**12 Wigram Close, Sockburn**  
**Christchurch 8025**  
**New Zealand**

BioGro Number: **4839**  
First Certified From: **24 August 2006**  
Date of Issue: **1 July 2019**

#	Operation Name	Operation Facility/Address	Scope of Certification(s)	Products
01	Bio-Zyme NZ Ltd	C/- Aakland Chemicals, 12 Wigram Close, Sockburn, Christchurch 8025	Input	Annex A

Certification Valid From: **1 August 2019**

Renewal Application Due By: **20 January 2020**

Anniversary Date / Certificate Valid to: **31 July 2020**

Certification Committee:

Director:

The above named licensee is licensed to apply or direct the application of the BioGro Certification trademark provided the product has been produced in accordance with the BioGro Organic Standards by the licensee or under the licensee's supervision at the location named in this certificate. While all due care and skill was exercised in carrying out this assessment, BioGro New Zealand Ltd accepts responsibility only for proven gross negligence. This is not a legal document and cannot be used as such. This certificate remains the property of BioGro New Zealand Ltd to whom it must be returned if required.

Issuing Office:  
BioGro New Zealand Ltd  
Biz Dojo  
3 Market Lane  
Te Aro  
Wellington 6011  
New Zealand  
Tel +64 4 801 9741  
Fax +64 4 801 9742  
Email: [info@biogro.co.nz](mailto:info@biogro.co.nz)  
[www.biogro.co.nz](http://www.biogro.co.nz)



RN 2019-1





21 October 2016

Attn: Trevor Proffit

**Bio-Zyme NZ Limited**  
PO Box 323  
Christchurch 8140

Dear Trevor

#### **APPROVAL and RECOGNITION of Dairy Maintenance Compound**

The product **Bio-Zyme Cleaner** has been considered in conjunction with the independent assessment report provided and determined to satisfy the requirements of clause 30(3) of the Animal Products (Dairy) Regulations 2005.

The product **Bio-Zyme Cleaner** has been assessed and is approved for use in farm dairies and recognised for use in dairy premises when used in accordance with the label instructions.

#### **Conditions**

##### **Approved**

Approved for use in farm dairies

1. Must not be used in areas used for milking, milk storage, CIP, chemical or medicine storage, or air intake
2. Surfaces must be rinsed after use
3. Incidental contact with milking equipment must be followed through cleaning with a suitably approved product.

##### **Recognised**

Recognised for use in general dairy processing

- 4 For use in external areas only
- 5 Not for use near air intake/ventilation to processing areas 3. Not for use on milk transport tanks or silos and tanks for the storage of milk, food or ingredients.

#### **Note:**

**Bio-Zyme products contain yeast, molasses, malt and sugar. Use within processing environments is not acceptable due to the potential for contamination. If complaints arise the Approval and Recognition may need to be withdrawn.**

**Note** that any device installed in the farm dairy must meet the requirements of NZCP1: Design and Operation of Farm dairies. Suitable protection must be included in the design to ensure milk cannot be contaminated if a failure were to occur.

Where this **approval** is stated on the product label, the statement "MPI approved for use in farm dairies" is to be used, unless an alternative is agreed in writing by MPI.

Where this **recognition** is stated on the product label, the statement "MPI recognised for use in dairy processing" is to be used, unless an alternative is agreed in writing by MPI.

Should this product be determined to be unsatisfactory when used as recommended by the manufacturer or an agent of the manufacturer at the stated dosage, MPI may withdraw this approval and recognition.



# Ministry for Primary Industries

Manatū Ahu Matua



## Review

This approval & recognition is valid for a maximum period of 5 years but is subject to periodic review and may be withdrawn at any time should the Director-General determine that there is sufficient evidence that the products are not fit for the purpose for which this approval & recognition applies. You will be issued a letter prior to the review date, which is set at **21 October 2021** but you are responsible for ensuring that this review is completed if you wish to retain MPI approval & recognition of the above dairy maintenance compound.

Yours faithfully

Maree Zinzley  
Manager (Approvals Operations)  
Regulation & Assurance Branch  
Branch Planning, Systems & Support

Ministry for Primary Industries  
Manatū Ahu Matua



Date: 21/10/2016

Official Receipt G.S.T. 64-558-838

Received from: **Bio-Zyme NZ Limited**

for: **Bio-Zyme Cleaner**  
sum of: **\$178.25**

MPI General Ledger Code: **1640. 21430.600328**



24 July 2017

Bio-Zyme NZ Ltd  
PO Box 323  
Christchurch

**Trade Name:** Bio-Zyme Cleaner  
**Description:** Cleaner Sanitiser  
**Code:** C 32



**Approvals:**

This compound is approved for use in premises processing all animal product except dairy, operating under the Animal products Act regime.

This approval is under the following regulations and notices, subject to the conditions stated in this approval:

1. Regulation 11(4)(b) of the Animal Products Regulations 2000 and Regulation 18(4)(b) of the Animal Products (Regulated Control Scheme – Limited Processing Fishing Vessels) Regulations 2001
2. Clause 4(1) of the Animal Products (Specifications for Limited Processing Fishing Vessels) Notice 2005, Clause 3(1) of the Animal Products (Specifications for Products Intended for Human Consumption) Notice 2004, clause 4(1) of the Animal Products (Specifications for Products Intended for Animal Consumption) Notice 2006

**Conditions:**

1. This may not be used in edible areas.
2. The perfume must not be used to mask the odours of unsanitary conditions.
3. This compound must be used in a manner that prevents the perfume invading any edible area.

This approval may be withdrawn at any time due to unapproved directions for use, or unsatisfactory performance, or any change in product formulation. The Branch Planning, Systems & Support Directorate must be notified if the holder of this approval wishes to transfer their products to another entity.

The product must be used in accordance with the manufacturer's instructions and specifications. The label may include a statement to the effect that the product is approved for use in premises registered under the Animal Products Act regime. Any statements made, however, must include the approval code and must be limited to the following unless otherwise specified:

MPI Approved C 32 (All animal product except dairy)

Note: Former NZFSA statements must be removed from your labels.

**This approval must not be used as a Ministry for Primary Industries (MPI) endorsement of any claim made for the product by the manufacturer.**

This approval will remain valid until 31 October 2022 unless the approval is revoked by notice in writing at an earlier stage.

Any queries regarding this approval should be directed to MPI Approvals by either telephone on 04 894 2550 or by e-mail at [approvals@mpi.govt.nz](mailto:approvals@mpi.govt.nz).

Yours sincerely,



Maree Zinzley  
Manager Approvals Operations  
Branch Planning Systems and Support

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**Ministry for Primary Industries**  
Manatū Ahu Matua



Date: 24 July 2017

**Official Receipt G.S.T. 64-558-838**

Received from: **Bio-Zyme NZ Ltd**

Maintenance compound approval fee for: **Bio-Zyme Cleaner**

Sum of: **\$89.13**

MPI General Ledger Code: 1640 2201

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# ENVIRONMENTAL CHOICE NEW ZEALAND LICENCE



Cert.TM



Scan here for a complete  
list of licensed products.

THIS IS TO CERTIFY THAT

Has products that have been assessed by The New Zealand Ecolabelling Trust which have been found to comply with the requirements of the Environmental Choice Specification

LICENCE NUMBER

CHAIRPERSON

VALID UNTIL

GENERAL MANAGER

The Environmental Choice New Zealand programme is operated by The New Zealand Ecolabelling Trust by agreement with the New Zealand Government.

K McDonald

Rip Scoude



# BioGro New Zealand Annex A

## Inputs Certification Programme

BioGro Number: 4839

Annex to BioGro Certificate Number: RN 2019-1

This Annex lists the products and services enrolled in BioGro's Input Certification Programme as compliant for use in organic production or food processing and handling under the standards and/or market access programmes as indicated below. This Annex is only valid when used in conjunction with the BioGro New Zealand Certificate of Compliance.

### 01 - Bio-Zyme NZ Ltd

Category	Brand Name	Status	BioGro Organic	IFOAM	MPI OOAP - EU	MPI OOAP - USDA NOP	MPI OOAP - Taiwan	JAS	Restriction
Facility Management	Bio-Zyme Cleaner	R	✓	✓	✓	✓	✓	✓	Surfaces require an intervening event prior to contact with certified product
Facility Management	Bio-Zyme Industrial	R	✓	✓	✓	✓	✓	✓	Surfaces require an intervening event prior to contact with certified product
Facility Management	Bio-Zyme Multi-purpose	R	✓	✓	✓	✓	✓	✓	Surfaces require an intervening event prior to contact with certified product

#### Notes:

Status P. Permitted Product. Can be used without having to prove need to BioGro.

Status R. Restricted Product. Can only be used under the specific conditions (restrictions) listed and proven need must be approved by BioGro.

IFOAM: accredited by IOAS (International Organic Accreditation Service).

MPI OOAP - EU - Ministry of Primary Industries Official Organic Assurance Programme for exports to Europe (EU) in accordance to Article 7 of Regulation (EC) No 1235/2008.

MPI OOAP - USDA NOP: exporting to the US under the trade arrangement.

MPI OOAP - Taiwan: exporting to Taiwan under the equivalency.

JAS - Japanese Agricultural Standard Organic Law.



1 July 2019

Trevor Proffit  
C/- Aakland Chemicals  
12 Wigram Close, Sockburn  
Christchurch 8025  
New Zealand

BioGro Number: **4839**

Dear Trevor

This letter confirms that the below listed company and products / services enrolled in BioGro's input certification programme are approved for use in organic production or food processing and handling under COR standards.

#### 01 - Bio-Zyme NZ Ltd

Category	Product	Restriction
Facility Management	Bio-Zyme Cleaner	Surfaces require an intervening event prior to contact with certified product
Facility Management	Bio-Zyme Industrial	Surfaces require an intervening event prior to contact with certified product
Facility Management	Bio-Zyme Multi-purpose	Surfaces require an intervening event prior to contact with certified product

This approval is valid until 31 July 2020

Yours sincerely,

Dirk Lewe  
Certification Officer