

ENVIRONMENTAL RISK MANAGEMENT AUTHORITY

# THE BULLETIN

The Bulletin is published eleven times per year. It is a listing of applications being processed and the Authority's decisions as well as other activities under the Hazardous Substances and New Organisms (HSNO) Act. The public register is the official record of all applications received and any controls attached to approvals and may be viewed at our Wellington office. Alternatively, you may view the applications and associated documents on the ERMA New Zealand website: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)

## NEW ORGANISMS

### NOTIFIED APPLICATIONS RECEIVED AND OPEN FOR SUBMISSIONS

The applications in the Bulletin are for reference only. Our public notification process includes alerts in four main daily newspapers with full information and submission forms available on our website.

To ensure that you are advised directly about applications open for public submission contact us at [info@ermanz.govt.nz](mailto:info@ermanz.govt.nz) to be added to our interested party list. You will need to nominate the types of applications that you are interested in.

There are currently no notified applications open for submission

## DECISIONS ON APPLICATIONS

**Applicant:** Horticulture and Food Research Institute (HortResearch)

**Application Code:** NOC05001

**Purpose:** Import into containment Chilean moss *Sphagnum magellanicum* and associated microbial populations, especially *Pseudomonas* species, to make comparison with New Zealand *Sphagnum* moss

<sup>1</sup> Organisms that may only be observed under a microscope.

<sup>2</sup> Viable Genetic Material is biological material that can be resuscitated to grow into tissues or organisms. It can be defined to mean biological material capable of growth even though resuscitation procedures may be required, for example when organisms or parts thereof are sublethally damaged by being frozen, dried, heated, or affected by chemical.

Please feel free to photocopy this material. Acknowledgement of ERMA New Zealand would be appreciated.

ERMA NEW ZEALAND

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**Decision Notified:** 03 June 2005

**Description of Organisms:** Chilean moss  
*Sphagnum magellanicum* Bridel 1798  
(Family: Sphagnaceae);

Microorganisms<sup>1</sup> (bacteria, fungi and algae) living in association with Chilean moss *Sphagnum magellanicum* Bridel, 1798 (Family: Sphagnaceae)

**Decision:** Approved with Controls

**ERMA Approval Code:** NOC002391 - 92

**Controls:**

1. To limit the likelihood of any accidental release of any organism or any viable genetic material<sup>2</sup>:
  - 1.1 The approved organisms shall be imported into, and maintained within a containment facility which complies with these controls.
  - 1.2 The construction, operation, and management of the microorganism containment facility shall be in accordance with the:
    - a) Ministry of Agriculture and Forestry (MAF) Biosecurity Authority/ERMA New Zealand Standard 154.03.02: Containment Facilities for Microorganisms.

- b) Australian New Zealand Standard AS/NZS 2243.3: 2002 Safety in Laboratories: Part 3: (Microbiological aspects and containment facilities), excluding those deviations specified in section 4.2 of Standard 154.03.02.
- c) Physical Containment Level 2 (PC2) requirements of the above Standards.

1.3 The person responsible for the operation of the containment facility shall inform all personnel involved in the handling of the organisms of the Authority's controls.

1.4 The containment facility shall be approved by Ministry of Agriculture and Forestry (MAF), in accordance with section 39 of the Biosecurity Act and the MAF Biosecurity Authority/ERMA New Zealand Standard 154.03.02: Containment Facilities for Microorganisms.

**2. To exclude unauthorised people from the facility:**

2.1 The identification of entrances, numbers of and access to entrances, and the security requirements for the entrances and the facility shall be in compliance with the standards listed in control 1.2 of this document.

**3. To control the effects of any accidental release or escape of an organism:**

3.1 Control of the effect of any accidental release or escape of the organism shall be in compliance with the standards listed in control 1.2.

3.2 If for any reason a breach of containment occurs the facility Supervisor<sup>3</sup>, MAF Biosecurity New Zealand and ERMA New Zealand shall be notified promptly as soon as is practicable after the event is noticed.

3.3 In the event of any breach of containment of the organism, the contingency plan for the attempted retrieval or destruction of the organism that has escaped shall be implemented immediately. The contingency plan shall be included in the containment manual in accordance with the requirements of the standards listed in control 1.2.

3.4 The applicant shall comply with the requirements of the standards listed in control 1.2 relating to the maintenance of records demonstrating compliance with the

MAF/ERMA New Zealand Standard 154.03.02, as required by the quality assurance programme, and documented in the containment manual.

**4. Inspection and monitoring requirements for containment facilities:**

4.1 The inspection and monitoring requirements for the containment facility shall be in compliance with the standards listed in control 1.2.

4.2 The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facilities at any reasonable time.

4.3 The containment manual shall be updated, as necessary, to address the implementation of the controls imposed by this approval, in accordance with the MAF/ERMA New Zealand Standard 154.03.02.

**5. Qualifications required of the persons responsible for implementing these controls:**

5.1 The training of personnel working in the facility shall be in compliance with the standards listed in control 1.2.

**6. Additional controls:**

6.1 Any person exercising this approval shall notify ERMA New Zealand in writing as soon as practically possible of the taxonomic classification of all microorganisms identified that are imported or transferred in accordance with this approval so they can be added to ERMA New Zealand's Register.

6.2 All moss and associated microorganisms imported in accordance with this approval shall be imported in vials or containers no larger than 50 millilitres in volume.

6.3 Any user of this approval shall notify ERMA New Zealand and MAF Biosecurity New Zealand in writing of their intention to do so prior to activating use of this approval (i.e. a one-off requirement).

6.4 All work on moss and associated microorganisms imported in accordance with this approval shall be conducted in a biosafety cabinet (Class II Biological safety cabinet) with appropriate filters to trap any spores, that is operated in accordance with the requirements of AS/NZS 2647<sup>4</sup>, within a PC2 containment facility for microorganisms.

<sup>3</sup> An inspector appointed under the Biosecurity Act.

<sup>4</sup> AS/NZS 2647 Biological Safety Cabinets - Installation and use.

- 6.5 All moss imported in accordance with this approval shall be examined for signs of sporophyte development as soon as possible after importation and twice weekly thereafter. A written record of these examinations shall be kept. Any sporophytes observed shall be removed immediately and destroyed using validated sterilisation techniques in accordance with AS/NZS 2243.3: 2002 Safety in Laboratories: Part 3: (Microbiological aspects and containment facilities), prior to disposal.
- 6.6 All organisms imported in accordance with this approval and associated waste fluid shall be destroyed using validated sterilisation techniques in accordance with AS/NZS 2243.3: 2002 Safety in Laboratories: Part 3: (Microbiological aspects and containment facilities), prior to disposal.
- 6.7 Moss imported in accordance with this approval shall not be propagated.
- 6.8 All windows in the containment facility shall be kept closed while moss biological material imported under this approval is present in the facility.

### **Applicant: Auckland Zoological Park**

### **Application Code: NOC05003**

**Purpose:** Importation of three pairs of pygmy marmosets *Callithrix pygmaea* (Spix, 1923) (Family: Callitrichidae) into containment at zoological gardens to aid conservation through display and captive breeding

**Decision Notified:** 29 June 2005

**Description of Organisms:** *Callithrix pygmaea* (Spix, 1823)

**Decision:** Approved with Controls

**ERMA Approval Code:** NOC002393

#### **Controls:**

- 1. To limit the likelihood of any accidental release of any organism or any viable genetic material<sup>5</sup>:**
  - 1.1 The construction, operation, and management of the zoo animals containment facility shall be in

accordance with the MAF/ERMA New Zealand Standard 154.03.04: Containment Facilities For Zoo Animals.

- 1.2 The person responsible for the operation of the containment facility shall inform all personnel involved in the handling of the approved organisms of the Authority's controls.
- 1.3 The containment facility and operator shall be approved by Ministry of Agriculture and Forestry (MAF), in accordance with section 39 of the Biosecurity Act and the MAF/ERMA New Zealand Standard 154.03.04: Containment Facilities For Zoo Animals.

#### **2. To exclude unauthorised people from the facility:**

- 2.1 The identification of entrances, numbers of and access to entrances, and the security requirements for the entrances and the facility shall be in compliance with the standard listed in Control 1.2 of this document.

#### **3. To control the effects of any accidental release or escape of an organism:**

- 3.1 Construction and operation of the containment facility shall comply with the requirements of the standard listed in control 1.2 relating to the control of the effects of any accidental release or escape of an organism.
- 3.2 If for any reason a breach of containment<sup>6</sup> occurs the Facility Supervisor<sup>7</sup>, and MAF Biosecurity Authority shall be notified promptly as soon as is practicable after the event is noticed.
- 3.3 In the event of any breach of containment of the organism, the contingency plan for the attempted retrieval or destruction of any viable material of the organism that has escaped shall be implemented immediately. The contingency plan shall be included in the containment manual in accordance with the requirements of standards listed in Control 1.2.
- 3.4 The applicant shall comply with the requirements of the standard listed in control 1.2 above relating to the maintenance of records demonstrating compliance with the MAF/ERMA New Zealand Standard 154.03.04: Containment Facilities For Zoo Animals, as required by the quality assurance programme, and documented in the containment manual.

5 Viable Genetic Material is biological material that can be resuscitated to grow into tissues or organisms. It can be defined to mean biological material capable of growth even though resuscitation procedures may be required, e.g. when organisms or parts thereof are sublethally damaged by being frozen, dried, heated, or affected by chemical.

6 For the purposes of these controls a 'breach of containment' means any interference with the containment facility or any non-compliance with the Authority's controls whether an approved organism escapes from containment or not.

7 An inspector appointed under the Biosecurity Act.

**4. Inspection and monitoring requirements for containment facilities:**

- 4.1 The inspection and monitoring requirements for the containment facility shall be in compliance with the standard listed in control 1.2 of this document.
- 4.2 The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facilities at any reasonable time.
- 4.3 The containment manuals shall be updated, as necessary, to address the implementation of the controls imposed by this approval, in accordance with the MAF/ERMA New Zealand Standard 154.03.04: Containment Facilities For Zoo Animals.

**5. Qualifications required of the persons responsible for implementing these controls:**

- 5.1 The training of personnel working in the facility shall be in compliance with the standard listed in Control 1.2.

**6. Additional controls:**

- 6.1 Any user of the approval shall notify ERMA New Zealand in writing of their intention to do so when they first activate use of the approval (ie a one-off requirement).
- 6.2 Only those pygmy marmosets that are bred in captivity shall be imported into containment. Evidence to this effect (for example statements from zoos or wildlife parks that supply the animals) shall be presented to MAF.

**DELEGATED AUTHORITY**

The Chief Executive of the Environmental Risk Management Authority, acting under delegated power from the Authority, reached a decision on the following applications:

**Applicant: New Zealand Institute for Crop & Food Research Limited**

**Application Code: GMD04096**

**Purpose:** Cloning of synthetic DNA sequences in *Escherichia coli* and *Pseudomonas fluorescens* for use as DNA 'biomarker' molecules, which will subsequently be applied to agrichemicals to validate spray drift models

**Decision Notified:** 13 June 2005

**Decision:** Approved with Controls

**Description of Organisms:**

Host organism	Category of host organism	Modified by:	Category of modification/containment level
<i>Escherichia coli</i> (Migula 1895) Castellani and Chalmers 1919 Non-pathogenic laboratory strains	1	Non-conjugative plasmid cloning vectors containing a 150-200bp non-protein coding synthetic DNA sequence (DNA biomarker) <sup>8</sup>	A
<i>Pseudomonas fluorescens</i> (Migula 1895) Non-pathogenic, rhizosphere isolates	1	Non-conjugative plasmid cloning vectors containing a 150-200bp non-protein coding synthetic DNA sequence (DNA biomarker)	A

<sup>8</sup> Each DNA biomarker sequence must encode a stop codon in each reading frame as well as other nonsense codons.

**ERMA Approval Code: GMD003828-29****Controls:****1 To limit the likelihood of any accidental release of any organism or any viable genetic material<sup>9</sup>:**

- 1.1 The approved organism shall be developed and maintained within a containment facility which complies with these controls.
- 1.2 The person responsible for a particular research area and/or the person responsible for the operation of the containment facility shall inform all personnel involved in the handling of the organisms of the Authority's controls.
- 1.3 The construction and operation of the containment facility in which the organisms are maintained, shall be in accordance with the:
  - a) MAF/ERMA New Zealand Standard 154.03.02: Containment Facilities for Microorganisms, at laboratory Physical Containment Level 1 (PC1)<sup>10</sup>.
  - b) Australian New Zealand Standard AS/NZS 2243.3:2002 Safety in Laboratories: Part 3: Microbiological aspects of containment and facilities, except for the deviations specified in the Standard referred to in (a).
- 1.4 The facility shall be approved and registered by MAF as a containment facility under section 39 of the Biosecurity Act, in accordance with the MAF/ERMA New Zealand Standard 154.03.02, and controls imposed by the Authority.

**2. To exclude unauthorised people from the facility.**

- 2.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.3 relating to the identification of entrances, numbers of and access to entrances and security requirements for the entrances and the facility.

**3. To exclude other organisms from the facility and to control undesirable and unwanted organisms within the facility.**

- 3.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.3 relating to the exclusion of other organisms from the facility and the control of undesirable and unwanted organisms within the facility.

**4. To prevent unintended release of the organism by experimenters working with the organism.**

- 4.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.3 relating to the prevention of unintended release of the organism by experimenters working with the organism.

**5. To control the effects of any accidental release or escape of an organism.**

- 5.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.3 relating to controlling the effects of any accidental release or escape of an organism.
- 5.2 If for any reason a breach of containment occurs, the facility Supervisor, MAF Biosecurity Authority and ERMA New Zealand shall be notified immediately the event is noticed (and at least within 24 hours of the breach being detected).
- 5.3 In the event of any breach of containment of the organism, the contingency plan for the attempted retrieval or destruction of any viable material of the organisms that have escaped shall be implemented immediately. The contingency plan shall be included in the containment manual in accordance with the requirements of standards listed in control 1.3.

**6. Inspection and monitoring requirements for containment facilities.**

- 6.1 The operation of the containment facilities shall comply with the requirements contained in the standards listed in control 1.3 relating to the inspection and monitoring requirements for containment facilities.
- 6.2 The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facilities at any reasonable time.
- 6.3 The containment manual shall be updated, as necessary, to address the implementation of the controls imposed by this approval, in accordance with the standards listed in control 1.3.

**7. Qualifications required of the persons responsible for implementing those controls.**

- 7.1 The training of personnel working in the facility shall be in compliance with the standards listed in control 1.3.

9 Viable Genetic Material is biological material that can be resuscitated to grow into tissues or organisms. It can be defined to mean biological material capable of growth even though resuscitation procedures may be required, e.g. when organisms or parts thereof are sub lethally damaged by being frozen, dried, heated, or affected by chemical.

10 Or any equivalent updated Standard endorsed by ERMA New Zealand or MAF Biosecurity Authority.

**8. Controls additional to the requirements of the MAF/ ERMA New Zealand Standard 154.03.02: Containment Facilities for Microorganisms at PC1.**

- 8.1 All agrichemical spraying containing non-viable organisms that have been developed in accordance with this approval or genetic material derived from these organisms is limited to the validation of spray drift models and shall only be undertaken at the Scion<sup>11</sup> facilities in Rotorua.
- 8.2 Organisms that have been developed in accordance with this approval shall be rendered non-viable by chemical treatment prior to their removal from the containment facility. Non-viability of the organisms shall be demonstrated by a viability assay prior to their removal from the containment facility. Records shall be kept of the outcome of all viability assays undertaken in accordance with this approval.
- 8.3 Only the following material is approved for use in agrichemical sprays in order to validate agrichemical spray drift models:
- a) non-coding DNA biomarker sequences<sup>12</sup>.
  - b) non-coding DNA biomarker sequences cloned into the non-conjugative plasmid cloning vectors pBBR1MCS-2 and/or pME6041, containing the kanamycin resistance gene (*nptII*).
  - c) Non-viable *Pseudomonas fluorescens* as modified by non-coding DNA biomarker sequences cloned into the non-conjugative plasmid cloning vectors pBBR1MCS-2 and/or pME6041, containing the kanamycin resistance gene (*nptII*).

**Applicant: Wakefield Hospital**

**Application Code: GMD05018**

**Purpose:** Generation of recombinant nucleic acid and proteins in *Escherichia coli*, and human tumour cell lines to investigate the mechanisms of gastrointestinal diseases

**Decision Notified:** 29 June 2005

**Decision:** Approved with Controls

**Description of Organisms:**

Host organism	Category of host organism	Modified by:	Category of modification/containment level
<i>Escherichia coli</i> (Migula 1895) Castellani & Chalmers 1919 non-pathogenic strains	1	Standard commercially available plasmid-based bacterial and mammalian expression vectors containing well characterised selectable marker or reporter genes and human genetic sequences associated with gastrointestinal diseases	A / PC1
<i>Homo sapiens</i> Linnaeus, 1758 cell lines <sup>13</sup>	1		A / PC1

<sup>11</sup> Formerly known as Forest Research Institute.

<sup>12</sup> As described in Table 1 of this decision.

<sup>13</sup> Excluding human embryonic stem cell lines

**ERMA Approval Code: GMD003830-31****Controls:**

- 1. To limit the likelihood of any accidental release of any organism or any viable genetic material<sup>14</sup>.**
  - 1.1 The approved organism shall be developed and maintained within a containment facility which complies with these controls.
  - 1.2 The person responsible for a particular research area and/or the person responsible for the operation of the containment facility shall inform all personnel involved in the handling of the organism of the Authority's controls.
  - 1.3 The facility shall be approved and registered by MAF as a containment facility under section 39 of the Biosecurity Act, in accordance with the MAF/ERMA New Zealand Standard (below), and controls imposed by the Authority (as follows):
  - 1.4 The construction and operation of the containment facility shall be in accordance with the MAF Biosecurity Authority/ERMA New Zealand Standard 154.03.02<sup>15</sup>: Containment Facilities for Microorganisms, and the Australian New Zealand Standard AS/NZS 2243.3:2002: Safety in Laboratories: Part 3: Microbiological Aspects and Containment Facilities, under a minimum of Physical Containment level 1 (PC1).
- 2. To exclude unauthorised people from the facility.**
  - 2.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.4 relating to the identification of entrances, numbers of and access to entrances and security requirements for the entrances and the facility.
- 3. To exclude other organisms from the facility and to control undesirable and unwanted organisms within the facility.**
  - 3.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.4 relating to the exclusion of other organisms from the facility and the control of undesirable and unwanted organisms within the facility.
- 4. To prevent unintended release of the organism by experimenters working with the organism.**

4.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.4 relating to the prevention of unintended release of the organism by experimenters working with the organism.

**5. To control the effects of any accidental release or escape of an organism.**

5.1 Construction and operation of the containment facility shall comply with the requirements of the standards listed in control 1.4 relating to controlling the effects of any accidental release or escape of an organism.

5.2 If for any reason a breach of containment occurs, the facility Supervisor, MAF Biosecurity New Zealand and ERMA New Zealand shall be promptly notified as soon as it is practicable.

5.3 In the event of any breach of containment of the organism, the contingency plan for the attempted retrieval or destruction of any viable material of the organism that has escaped shall be implemented immediately. The contingency plan shall be included in the containment manual in accordance with the requirements of standards listed in control 1.4.

**6. Inspection and monitoring requirements for containment facilities.**

6.1 The operation of the containment facilities shall comply with the requirements contained in the standards listed in control 1.4 relating to the inspection and monitoring requirements for containment facilities.

6.2 The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facilities at any reasonable time.

6.3 The containment manual shall be updated, as necessary, to address the implementation of the controls imposed by this approval, in accordance with the standards listed in control 1.4.

**7. Qualifications required of the persons responsible for implementing those controls.**

7.1 The training of personnel working in the facility shall be in compliance with the standards listed in control 1.4.

<sup>14</sup> Viable Genetic Material is biological material that can be resuscitated to grow into tissues or organisms. It can be defined to mean biological material capable of growth even though resuscitation procedures may be required, e.g. when organisms or parts thereof are sub-lethally damaged by being frozen, dried, heated, or affected by chemical.

<sup>15</sup> Or any updated Standard endorsed by ERMA New Zealand or MAF Biosecurity New Zealand.

The following applications were decided by institutions acting under delegated powers from the Authority.

**Applicant: AgResearch Limited**

**Institute Code: GMO05/ARR002**

**Application Code: GMC05009**

**Purpose:** To import GM cattle embryos and semen

**Decision Notified:** 24 May 2005

**Description of Organisms:** *Bos taurus*

*Bos taurus* (semen and embryos) modified with DNA sequences of a bovine milk gene promoter (alphaS1 casein) and DNA coding for the human protein Lactoferrin

Containment: PC2

Category: B

**Decision:** Approved with Controls

**ERMA Approval Code: GMC001279**

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## AMENDMENTS TO APPROVALS

There have been no amendments made under section 67A of the HSNO Act for minor or technical errors amendments during this period.

## HAZARDOUS SUBSTANCES

### NOTIFIED APPLICATIONS RECEIVED AND OPEN FOR SUBMISSIONS

The applications in the Bulletin are for reference only. Our public notification process includes alerts in four main daily newspapers with the full information and submission forms available on our website.

To ensure that you are advised directly about applications open for public submission contact us at [info@erманz.govt.nz](mailto:info@erманz.govt.nz) to be added to our interested party list. You will need to nominate the types of applications that you are interested in.

**Applicant: Bomac Laboratories Limited**

**Application Code: HSR05061**

**Purpose:** To import or manufacture a range of small volume finished dose veterinary medicines

**Date Publicly Notified:** 07 June 2005

**Date Submissions Close:** 19 July 2005

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**Applicant: Mark Bell-Booth Limited**

**Application Code: HSR05059**

**Purpose:** To import or manufacture a range of parasiticial and other large volume veterinary medicines

**Date Publicly Notified:** 07 June 2005

**Date Submissions Close:** 19 July 2005

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**Applicant: Elanco Animal Health**

**Application Code: HSR05045**

**Purpose:** To import T9CNZ04 an insecticide aerosol spray, for use in the prevention and treatment of flystrike on individual sheep

**Date Publicly Notified:** 17 June 2005

**Date Submissions Close:** 29 July 2005

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**Applicant: Graffiti Removal (New Zealand) Limited**

**Application Code: HSR05046**

**Purpose:** To import Bare Brick Stone and Masonry Remover for the removing of spray-painted graffiti on naturally occurring surfaces

**Date Publicly Notified:** 20 June 2005

**Date Submissions Close:** 01 August 2005

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**Applicant: Caledonian Holdings**

**Application Code: HSR05047**

**Purpose:** To manufacture and release a veterinary medicine, intended for use in horses for controlling internal parasites

**Date Publicly Notified:** 21 June 2005

**Date Submissions Close:** 02 August 2005

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**Applicant: The New Zealand Refining Company Limited**

**Application Code: HSR05054**

**Purpose:** To import and release a vapour corrosion inhibitor for use to prevent corrosion of the underside of oil storage tanks

**Date Publicly Notified:** 24 June 2005

**Date Submissions Close:** 05 August 2005

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**Applicant: Bayer New Zealand Limited**

**Application Code: HSR04048**

**Purpose:** To import Bay 60-7500, a veterinary medicine for cats

**Date Publicly Notified:** 24 June 2005

**Date Submissions Close:** 05 August 2005

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**Applicant: Nalco New Zealand Limited**

**Application Code: HSR05020**

**Purpose:** To import into New Zealand 3DT288 for use as a cooling water corrosion and scale inhibitor for recycled cooling water

**Date Publicly Notified:** 24 June 2005

**Date Submissions Close:** 05 August 2005

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**Applicant: Landcare Research  
New Zealand Limited**

**Application Code: HSR05036**

**Purpose:** To manufacture a bait to control social wasps that contains fipronil (0.1%)

**Date Publicly Notified:** 04 July 2005

**Date Submissions Close:** 15 August 2005

**Applicant: Agrenz Limited**

**Application Code: HSR05027**

**Purpose:** To import S-Methoprene IGR 1.8% Granules for use as a specific mosquito larvacide, particularly for the control of introduced species which may be disease vectors

**Date Formally Received:** 23 May 2005

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**Applicant: Dow AgroSciences**

**Application Code: HSR05068**

**Purpose:** To import for release a fungicidal formulation for the control of powdery mildew on grapes

**Date Formally Received:** 13 June 2005

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## **NON-NOTIFIED APPLICATIONS RECEIVED**

**Applicant: Bayer New Zealand Limited**

**Application Code: HSC05012**

**Purpose:** To field test the substance BCS002-05 to assess the efficacy under New Zealand conditions

**Date Formally Received:** 09 June 2005

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## DECISIONS ON APPLICATIONS

**Applicant:** Coates New Zealand Limited

**Application Code:** HSR05002

**Purpose:** To import Thermal 980 Negative Developer for Thermal News which is an integral news printing plate process

**Decision Notified:** 01 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Thermal 980 Negative Developer for Thermal News

**Classification:** 6.3B Skin Irritant, 8.3A Eye Corrosive, 6.8B Reproductive/Developmental Toxicant, 6.9B Target Organ Systemic Toxicant

**ERMA Approval Code:** HSR001652

**Controls:**

Control Code <sup>16</sup>	Regulation <sup>17</sup>	Explanation <sup>18</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T2	29,30	Controlling exposure in places of work
T4	7	Requirements for equipment used to handle Thermal 980 Negative Developer for Thermal News
T5	8	Requirements for protective clothing and equipment
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32-35, 36 (1)–(7)	General identification requirements
I2	8	Priority identifiers for corrosive substances
I9	18	Secondary identifiers for all hazardous substances
I10	19	Secondary identifiers for corrosive substances
I16	25	Secondary identifiers for toxic substances
I17	26	Use of Generic Names
I18	27	Use of Concentration Ranges
I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I22	40	Specific documentation requirements for corrosive substances

<sup>16</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to HSNO Control Regulations*.

<sup>17</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>18</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

I28	46	Specific documentation requirements for toxic substances
I29	51–52	Duties of persons in charge of places with respect to signage
I30	53	Advertising corrosive and toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13, P14	19, 20	Packaging requirements for Thermal 980 Negative Developer for Thermal News
PG3	Schedule 3	This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4	8	Disposal requirements for toxic and corrosive substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM2	8(a)	Information requirements for corrosive substances
EM6	8(e)	Information requirements for toxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage
<b>Additional Controls (section 77A)</b>		
		Thermal 980 Negative Developer for Thermal News shall only be used in an industrial setting and is not to be used in a domestic environment.

**Applicant: Millennium Microbes Limited**

**Application Code: HSR05025**

**Purpose:** To approve the manufacture of Beaugenic, a biocide for the control of insect pests (aphids, thrips and whitefly) on food crops in agricultural and horticulture based on the use of the indigenous entomopathogenic fungi *Beauveria bassiana*

**Decision Notified:** 02 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Beaugenic™ - Class 9.1D biocides comprising strains of *Beauveria bassiana* indigenous to New Zealand

**Classification:** 9.1D biocide

**ERMA Approval Code: HSR001654**

**Controls:**

Control Code <sup>19</sup>	Regulation <sup>20</sup>	Explanation <sup>21</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Ecotoxic Property Controls</b>		
E6	7	<b>Requirements for equipment used to handle hazardous substances</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I19	29-31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I29	51–52	<b>Duties of persons in charge of places with respect to signage</b>
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	<b>General packaging requirements</b>
P3	9	<b>Packaging requirements for substances packed in limited quantities</b>
PS4	Schedule 4	<b>This schedule describes the (minimum) packaging requirements that must be complied with for this substance.</b>
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D5	9	<b>Disposal requirements for ecotoxic substances</b>
D6	10	<b>Disposal requirements for packages</b>
D7	11, 12	<b>Disposal information requirements</b>

<sup>19</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to HSNO Control Regulations*.

<sup>20</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>21</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

D8	13, 14	<b>Disposal documentation requirements</b>
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	<b>Level 1 emergency management information: General requirements</b>
EM7	8(f)	<b>Information requirements for ecotoxic substances</b>
EM8	12–16, 18–20	<b>Level 2 emergency management information requirements</b>
EM11	25-34	<b>Level 3 emergency management requirements – emergency response plans</b>
EM13	42	<b>Level 3 emergency management requirements – signage</b>
<b>Additional Controls (section 77A)</b>		
<p><b>Application of the substances is restricted to ground-based application to cultivated areas, such as horticultural crops, including perennial crops, ornamentals, nurseries and glasshouses. It is not to be applied to non-cultivated areas.</b></p> <p><b>Approval is for the manufacture of the substances using strains of <i>Beauveria bassiana</i> indigenous to New Zealand.</b></p> <p><b>A person who handles the substances must use respiratory protection when mixing, loading and applying the substances or when engaged in post-application activity during the restricted entry interval. The restricted entry interval is 4 hours.</b></p> <p><b>A warning statement about potential effects on beneficial insects should appear on the product label unless there is adequate data to show that the particular strain concerned is not harmful to beneficial insects, bees or other pollinating insects.</b></p> <p><b>The results of future tests of the effects of the substances on honey bees and their larvae, and any other species, are to be provided to ERMA New Zealand on completion of those tests.</b></p>		

**Applicant: Chem-Trend New Zealand**

**Application Code: HSR05016**

**Purpose:** To import MONO-LUBE 3022 for use as a tyre release agent, which is applied to the inside of the tyre prior to curing to allow effective processing of the tyre

**Decision Notified:** 08 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** MONO-LUBE® 3022

**Classification:** 6.4A Eye Irritant, 9.1C Aquatic Eco-toxicant

**ERMA Approval Code: HSR001658**

**Controls:**

Control Code <sup>22</sup>	Regulation <sup>23</sup>	Explanation <sup>24</sup>
	<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic and Ecotoxic Property Controls</b>	
T4, E6	7	<b>Requirements for equipment used to handle MONO-LUBE® 3022</b>
T7	10	<b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b>
	<b>Hazardous Substances (Identification) Regulations 2001</b>	
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I3	9	<b>Priority identifiers for ecotoxic substances</b>
I8	14	<b>Priority identifiers for certain toxic substances</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I16	25	<b>Secondary identifiers for toxic substances</b>
I19	29-31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I23	41	<b>Specific documentation requirements for ecotoxic substances</b>
I28	46	<b>Specific documentation requirements for toxic substances</b>
I29	51–52	<b>Duties of persons in charge of places with respect to signage</b>
	<b>Hazardous Substances (Packaging) Regulations 2001</b>	
P1	5, 6, 7 (1), 8	<b>General packaging requirements</b>
P3	9	<b>Packaging requirements for substances packed in limited quantities</b>

<sup>22</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to HSNO Control Regulations*.

<sup>23</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>24</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

P13	19	Packaging requirements for toxic substances
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that may be complied with for this substance when packaged in quantities less than or equal to 3 kg.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8	Disposal requirements for toxic and corrosive substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage
<b>Tank Wagon and Transportable Containers Controls</b>		
The Hazardous Substance (Tank Wagons and Transportable Containers) Regulations 2004 prescribe a number of controls relating to tank wagons and transportable containers.		
<b>Section 77A Controls</b>		
The controls relating to stationary container systems and secondary containment, as set out in Schedules 8 and 9 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice (New Zealand Gazette Issue No. 35, 25 March 2004, Issue Number 35, as amended by Issue No. 128, 1 October 2004), shall apply to this substance, notwithstanding clause 1(1) of those schedules.		

**Applicant: Bayer New Zealand Limited**

**Application Code: HSR04059**

**Purpose:** To import Proline, a fungicide intended for the control of fungal diseases in wheat, barley, oats and ryegrass seed crops

**Decision Notified:** 23 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** PROLINE®

**Classification:** 6.4A Eye Irritation, 6.9B Target Organ/Systemic Toxicity, 9.1B Aquatic Ecotoxicity

**ERMA Approval Code: HSR001661**

**Controls:**

Control Code <sup>25</sup>	Regulation <sup>26</sup>	Explanation <sup>27</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T1	11–27	<b>Limiting exposure to toxic substances</b>
T4 and E6	7	<b>Requirements for equipment used to handle PROLINE®</b>
T5	8	<b>Requirements for protective clothing and equipment</b>
T6	9	<b>Approved handler requirements</b>
T7	10	<b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Ecotoxic Property Controls</b>		
E2	46–48	<b>Restrictions on use within application area</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I3	9	<b>Priority identifiers for ecotoxic substances</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I16	25	<b>Secondary identifiers for toxic substances</b>
I17	26	<b>Use of Generic Names</b>
I18	27	<b>Use of Concentration Ranges</b>
I19	29–31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I23	41	<b>Specific documentation requirements for ecotoxic substances</b>
I28	46	<b>Specific documentation requirements for toxic substances</b>
I29	51–52	<b>Duties of persons in charge of places with respect to signage</b>
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	<b>General packaging requirements</b>
P3	9	<b>Packaging requirements for substances packed in limited quantities</b>

25 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to HSNO Control Regulations*.

26 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

27 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

P13, P15	19 and 21	Packaging requirements for PROLINE®
PG3	Schedule 3	This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4 and D5	8 and 9	Disposal requirements for PROLINE®
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage
<b>Hazardous Substances (Personnel Qualification) Regulations 2001</b>		
AH1	4–6	Approved Handler requirements
<b>Controls under section 77A</b>		
PROLINE® shall only be used for application to cereal crops and ryegrass seed crops.		

**Applicant: Chemicals LAIF Srl**

**Application Code: HSR04076**

**Purpose:** To import for release APILIFE Var that is a sealed plastic pouch of vermiculite strips impregnated with thymol and essential oils to control Varroa mites on honeybees within beehives

**Decision Notified:** 23 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** APILIFE VAR

**Classification:** 6.1D Acute Toxicant, 8.2C Skin Corrosive, 8.3A Eye Corrosive, 6.5B Skin Sensitiser, 6.9B Target Organ Systemic Toxicant, 9.1C Aquatic Ecotoxicity, 9.3C Terrestrial vertebrate

**ERMA Approval Code: HSC001662**

**Controls:**

Control Code <sup>28</sup>	Regulation <sup>29</sup>	Explanation <sup>30</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T4 and E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32-35, 36 (1)–(7)	General identification requirements
I2	8	Priority identifiers for corrosive substances
I3	9	Priority identifiers for ecotoxic substances
I8	14	Priority identifiers for certain toxic substances
I9	18	Secondary identifiers for all hazardous substances
I10	19	Secondary identifiers for corrosive substances
I11	20	Secondary identifiers for ecotoxic substances
I16	25	Secondary identifiers for toxic substances
I17	26	Use of Generic Names
I18	27	Use of Concentration Ranges
I19	29–31	Alternative information in certain cases
I20	36(8)	Durability of information for class 6.1 substances
I21	37–39, 47–50	Documentation required in places of work
I22	40	Specific documentation requirements for corrosive substances
I23	41	Specific documentation requirements for ecotoxic substances
I28	46	Specific documentation requirements for toxic substances
I29	51-52	Duties of persons in charge of places with respect to signage
I30	53	Advertising corrosive and toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities

28 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to HSNO Control Regulations*.

29 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

30 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

P13, P14	19, 20	<b>Packaging requirements for corrosive substances (class 8)</b>
PG3	Schedule 3	<b>This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).</b>
PS4	Schedule 4	<b>This schedule describes the (minimum) packaging requirements that must be complied with for this substance.</b>
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8, 9	<b>Disposal requirements for toxic and corrosive substances</b>
D6	10	<b>Disposal requirements for packages</b>
D7	11, 12	<b>Disposal information requirements</b>
D8	13, 14	<b>Disposal documentation requirements</b>
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	<b>Level 1 emergency management information: General requirements</b>
EM2	8(a)	<b>Information requirements for corrosive substances</b>
EM6	8(e)	<b>Information requirements for toxic substances</b>
EM7	8(f)	<b>Information requirements for ecotoxic substances</b>
EM8	12–16, 18–20	<b>Level 2 emergency management information requirements</b>
EM11	25–34	<b>Level 3 emergency management requirements – emergency response plans</b>
EM13	42	<b>Level 3 emergency management requirements – signage</b>
<b>Controls under section 77A</b>		
<b>APILIFE VAR shall only be used in beehives.</b>		

**Applicant: Aquarium Pharmaceuticals Inc**

**Application Code: HSR05003**

**Purpose:** To import AlgaeFix and Pond Care AlgaeFix as ready-to-use products for the control of algae in aquaria and contained ornamental ponds and fountains

**Decision Notified:** 27 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** AlgaeFix

**Classification:** 9.1A Aquatic Ecotoxicity

**ERMA Approval Code: HSR001663**

## Controls:

Control Code <sup>31</sup>	Regulation <sup>32</sup>	Explanation <sup>33</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Ecotoxic Property Controls</b>		
E6	7	Requirements for equipment used to handle hazardous substances
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I23	41	Specific documentation requirements for ecotoxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P15	21	Packaging requirements for ecotoxic substances
PG3	Schedule 3	This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D5	9	Disposal requirements for ecotoxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements

31 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

32 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

33 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage
<b>Additional Controls Under Section 77A</b>		
<b>This substance shall only be used for the control of algae in indoor aquaria or contained outdoor ornamental ponds and fountains.</b>		

## DELEGATED AUTHORITY

The Chief Executive of the Environmental Risk Management Authority, acting under delegated power from the Authority, reached a decision on the following applications:

**Applicant: Industrial Research Limited**

**Application Code: HSC05010**

**Purpose:** To manufacture in containment a developmental pharmaceutical product with low mammalian toxicology but no available ecotoxicology data, to be transferred to research facilities in New Zealand and overseas for research and development

**Decision Notified:** 21 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** IRL Glycotherapeutic 0005

**ERMA Approval Code: HSC000156**

**Controls:**

- The facilities where the substance will be synthesised and lyophilised shall comply with the Hazardous Substances (Exempt Laboratories) Regulations 2001. Compliance with these regulations will cover the matters to be addressed by the containment controls for hazardous substances contained in Schedule 3, Part III, of the HSNO Act.
- The substance shall be shipped only to the facilities which have been identified in the application.
- A maximum of 400 kilograms of the substance shall be manufactured.
- Synthesis shall take place within the facilities at Industrial Research Limited (IRL) as identified in the application. Lyophilisation shall take place at the Palmerston North facility as identified in the confidential appendix to the application.
- All personnel carrying out the synthesis, lyophilisation and packaging of the substance shall wear appropriate personal protective equipment.
- Handling of the substance shall be in accordance with good laboratory practice. Any spillage of the substance shall be cleaned up with appropriate absorbent material. The used absorbent material shall be securely packaged and retained in the relevant facility until it has been rendered non-hazardous prior to disposal.
- The substance shall be stored in the IRL facility initially following manufacture. Only authorised personnel shall be allowed into the IRL facility, which has access controlled by electronic security systems and is itself located within a controlled access site.
- The substance shall be packaged for transportation in a container within a container (secondary containment) and that secondary container shall be sufficient to control any release if the primary container should leak. The containers shall comply with the Hazardous Substances (Packaging) Regulations 2001, and shall be labelled in accordance with Regulation 11 of the Hazardous Substances (Exempt Laboratories) Regulations 2001. A Safety Data Sheet shall accompany each shipment.
- The substance shall be transported in accordance with good practice. This may require compliance with the Land Transport Rule: Dangerous Goods 1999.

10. If for any reason a breach of containment occurs, the Manager: GSF Facility shall notify OSH (HSNO Project Manager) and ERMA New Zealand (Beth Dye) within 24 hours of the breach being detected. It is suggested that if a breach in containment results in contamination of a waterway, the relevant iwi authorities be advised of the contamination and the measures taken in response.
11. The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facility at any reasonable time.

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**Applicant: Tomen New Zealand Limited**

**Application Code: HSC05011**

**Purpose:** To import a small quantity of amicarbazone for evaluation for weed control in forestry

**Decision Notified:** 27 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Amicarbazone

**ERMA Approval Code: HSC000157**

**Controls:**

1. The trials shall be undertaken in accordance with the details provided in section 4 of the application. Modifications of these details may be approved in writing by ERMA New Zealand providing that they comply with the following controls.
2. Notwithstanding the requirements of control 1 above, the trials shall also comply with the following controls:
3. The trials shall be carried out at the trial site in the grounds of the New Zealand Forest Research Institute, Rotorua, as identified in the application.
4. The trial sites shall be chosen so as to prevent the substance entering any surface water or groundwater system.
5. The trial sites shall be located to prevent any building where people live or work being exposed to the substance.
6. Access to the trial sites shall be by permission of the Trial Director<sup>34</sup> or owner of the property on which it is located. The trial site boundaries shall be clearly marked and distinctly visible from outside the trial site throughout the life of the trials. The trial sites shall be signed indicating that unauthorized access is not allowed, that the site is subject to a trial, and that the crops should not be removed or disturbed.
7. In any location where it is possible for grazing animals to access the trial site, the trial sites shall be secured by stock proof fencing to exclude grazing animals for the duration of the trial.
8. The substance shall be stored in accordance with the Code of Practice for the Management of Agrichemicals NZS8409:2004.
9. The substance shall be mixed, diluted and prepared in any other way prior to application in accordance with the relevant sections of the Code of Practice for the Management of Agrichemicals NZS8409:2004.
10. The substance shall be securely packed in suitable containers that comply with the Hazardous Substances (Packaging) Regulations 2001, and shall be labelled in accordance with the Hazardous Substances (Identification) Regulations 2001. A Safety Data Sheet shall accompany each shipment.
11. The substance shall be transported in compliance with any relevant requirements of the Land Transport Rule: Dangerous Goods 1999.
12. The substance shall be applied by way of hand-held/operator-worn equipment, using hydraulic pressure or compressed CO<sub>2</sub> or air on plots specifically designated and marked for each treatment, in accordance with the Code of Practice for the Management of Agrichemicals NZS8409:2004. Special attention shall be paid to the minimisation of spray drift, and in particular to the avoidance of drift beyond boundaries agreed with the owner of the trial site.
13. The personnel applying the substance to the crops shall be able to demonstrate that they have the qualifications necessary to carry out the trial. Ways of demonstrating this would include the holding of appropriate Growsafe certification or an Approved Handler qualification.
14. The amount of spray prepared shall be adequate for the trial site, but if there is any surplus spray mix it shall be disposed of within the trial site by being further diluted and sprayed over a marked and designated non-crop and non-grazed area at the site.

<sup>34</sup> The Trial Director is the individual appointed by the applicant to be responsible for the overall conduct of the trial in accordance with the Management Plan and approval controls.

15. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of into the designated containment tanks. The waste water contents of these tanks shall be subsequently disposed of by an approved contractor.
16. Surplus substance remaining at the end of the trials shall be returned to Tomen (New Zealand) Limited for secure storage in an exempt laboratory, exported or degraded to non-hazardous substances (note that once the trials are complete the substances do not have approval to be present in New Zealand except in an exempt laboratory).
17. Any accidental spillage of the unmixed substance or spray mix shall be contained, prevented from entering waterways, and absorbed with an appropriate absorbent material. This material shall be placed into sealed containers and disposed of at an appropriate waste disposal facility (which may include a landfill), subject to the facility's waste acceptance policy.
18. A record shall be kept of all use of the substance. This record shall cover all matters referred to in Regulation 6 of the Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001.
19. Information on appropriate safety precautions necessary to provide safeguards against the substance's toxic and ecotoxic properties shall accompany the substance at all stages of its lifecycle. Personal protective equipment shall be worn when handling the substance throughout the lifecycle.

20. Occupational Safety and Health, Head Office [Attn. HSNO Project Manager (OSH) or equivalent position] and ERMA New Zealand shall be informed in writing (by letter, fax or email) of the location, start, and completion of the trials. Notifications shall include the following details:

Substance name	Amicarbazone
ERMA Application number	HSC05011
ERMA Approval number	HSC000157
ERMA Applications Advisor	Beth Dye

21. If for any reason a breach of containment occurs, the Trial Director shall notify OSH and ERMA New Zealand within 24 hours of the breach being detected. It is suggested that if a breach in containment results in contamination of a waterway, the relevant iwi authorities be advised.
22. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
23. This approval remains in place for a maximum of five years.
24. The maximum total quantity of the substance that shall be imported or manufactured under this approval is 1 kg.

**Applicant: Bomac Laboratories Limited**

**Application Code: HSR05051**

**Purpose:** To manufacture and release a product to be used for the treatment and prevention of metabolic and electrolyte imbalance in sheep, cattle and goats

**Decision Notified:** 02 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** OMB3730NC

**Classification:** 6.1E acute oral toxicant

**ERMA Approval Code: HSR001653**

**Controls:**

Control Code <sup>35</sup>	Regulation <sup>36</sup>	Explanation <sup>37</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T4	7	Requirements for equipment used to handle hazardous substances
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I8	14	Priority identifiers for certain toxic substances
I9	18	Secondary identifiers for all hazardous substances
I16	25	Secondary identifiers for toxic substances
I19	29-31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I28	46	Specific documentation requirements for toxic substances
I30	53	Advertising corrosive and toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P13	19	Packaging requirements for toxic substances
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4	8	Disposal requirements for OMB3730NC
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements

35 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

36 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

37 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

**Applicant:** BOC Limited

**Application Code:** HSR05049

**Purpose:** To import or manufacture Vapormate Fumigant, a non-flammable post harvest fumigant for the control of certain insect pests in stored cereal grains, oilseeds, grain storage premises and equipment and horticultural produce (rapid low hazard)

**Decision Notified:** 02 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Vapormate Fumigant

**Classification:** 6.1E inhalation toxicity, 6.3B skin irritation, 6.4A eye irritation, 9.1D biocide

**ERMA Approval Code:** HSR001655

**Controls:**

Control Code <sup>38</sup>	Regulation <sup>39</sup>	Explanation <sup>40</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T2	29, 30	Controlling exposure in places of work
T4, E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I16	25	Secondary identifiers for toxic substances
I19	30-31	Alternative information in certain cases
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8, 9	Disposal requirements for toxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances

38 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

39 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

40 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

EM7	8(f)	<b>Information requirements for ecotoxic substances</b>
<b>Hazardous Substance (Compressed Gases) Regulations 2004</b>		
These Regulations prescribe a number of controls relating to compressed gases.		

**Applicant: Ancare New Zealand Limited**

**Application Code: HSR05053**

**Purpose:** To manufacture and release anthelmintics for use in ruminants, in the form of oral drenches

**Decision Notified:** 07 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Drench 55AE/10, Drench 55AE/20

**Classification:**

Hazardous property	Drench 55AE/10	Drench 55AE/20
Acute toxicity	6.1E	6.1E
Skin Sensitiser	6.5B	6.5B
Mutagen 6.6B	6.6B	
Reproductive/Developmental toxicant	6.8B	6.8B
Target organ/systemic toxicant	6.9B	6.9B
Aquatic ecotoxicant	9.1A	9.1A
Soil Ecotoxicant	9.2A	9.2A
Terrestrial vertebrate ecotoxicant	9.3C	9.3C
Terrestrial invertebrate ecotoxicant	9.4A	9.4A

**ERMA Approval Code: HSR001656-57**

**Controls:**

Control Code <sup>41</sup>	Regulation <sup>42</sup>	Explanation <sup>43</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls</b>		
T1	11–27	<b>Limiting exposure to toxic substances</b>
T4, E6	7	<b>Requirements for equipment used to handle hazardous substances</b>
T5	8	<b>Requirements for protective clothing and equipment</b>
T7	10	<b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b>

41 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

42 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

43 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Ecotoxic Property Controls</b>		
E1	32-45	Limiting exposure to ecotoxic substances
E3	49	Controls relating to protection of terrestrial invertebrates e.g. beneficial insects
E5	5(2), 6	Requirements for keeping records of use
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
I8	14	Priority identifiers for certain toxic substances
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I16	25	Secondary identifiers for toxic substances
I17	26	Use of Generic Names
I18	27	Use of Concentration Ranges
I19	29–31	Alternative information in certain cases
I20	36(8)	Durability of information for class 6.1 substances
I21	37–39, 47–50	Documentation required in places of work
I23	41	Specific documentation requirements for ecotoxic substances
I28	46	Specific documentation requirements for toxic substances
I29	51-52	Duties of persons in charge of places with respect to signage
I30	53	Advertising corrosive and toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13 and P15	19 and 21	Packaging requirements for Drench 55AE
PG3	Schedule 3	This schedule provides the test methods for packaging required to be tested in accordance with this schedule. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4 and D5	8 and 9	Disposal requirements for Drench 55AE
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements

D8	13, 14	<b>Disposal documentation requirements</b>
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	<b>Level 1 emergency management information: General requirements</b>
EM6	8(e)	<b>Information requirements for toxic substances</b>
EM7	8(f)	<b>Information requirements for ecotoxic substances</b>
EM8	12–16, 18–20	<b>Level 2 emergency management information requirements</b>
EM11	25–34	<b>Level 3 emergency management requirements – emergency response plans</b>
EM12	35–41	<b>Level 3 emergency management requirements – secondary containment</b>
EM13	42	<b>Level 3 emergency management requirements – signage</b>

**Applicant: DuPont (New Zealand) Limited**

**Application Code: HSR05064**

**Purpose:** To import and release formulated ‘Linuron Flowable’ for use by New Zealand growers for control of a range of annual weeds in vegetable crops

**Decision Notified:** 17 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Linuron Flowable

**Classification:**

Hazardous property	Linuron Flowable
Acute toxicity	6.1E
Skin Irritancy	6.3B
Eye Irritancy	6.4A
Skin Sensitisation*	6.5B
Reproductive/Developmental Toxicity	6.8B
Target Organ Systemic Toxicity	6.9A
Aquatic Ecotoxicity	9.1A
Soil Ecotoxicity	9.2A
Terrestrial Vertebrate Ecotoxicity**	9.3B

**ERMA Approval Code: HSR001659**

**Controls:**

<b>Control Code<sup>44</sup></b>	<b>Regulation<sup>45</sup></b>	<b>Explanation<sup>46</sup></b>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T1	11–27	<b>Limiting exposure to toxic substances</b>
T2	29, 30	<b>Controlling exposure in places of work</b>
T3	5(1), 6	<b>Requirements for keeping records of use</b>
T4, E6	7	<b>Requirements for equipment used to handle hazardous substances</b>
T5	8	<b>Requirements for protective clothing and equipment</b>
T7	10	<b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls</b>		
E1	32–45	<b>Limiting exposure to ecotoxic substances</b>
E2	46–48	<b>Restrictions on use within application area</b>
E5	5(2), 6	<b>Requirements for keeping records of use</b>
E7	9	<b>Approved handler requirements</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I3	9	<b>Priority identifiers for ecotoxic substances</b>
I8	14	<b>Priority identifiers for certain toxic substances</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I16	25	<b>Secondary identifiers for toxic substances</b>
I17	26	<b>Use of Generic Names</b>
I18	27	<b>Use of Concentration Ranges</b>
I19	29–31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I23	41	<b>Specific documentation requirements for ecotoxic substances</b>
I28	46	<b>Specific documentation requirements for toxic substances</b>

44 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

45 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

46 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

I29	51–52	Duties of persons in charge of places with respect to signage
I30	53	Advertising toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13, P15	19, 21	Packaging requirements for Linuron Flowable
PG3	Schedule 3	This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8, 9	Disposal requirements for toxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage
<b>Hazardous Substances (Personnel Qualification) Regulations 2001</b>		
AH1	4–6	Approved Handler requirements
<b>Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004</b>		
		Regulations 4 to 43 where applicable
<b>Additional Controls under section 77A</b>		
The controls relating to stationary container systems, set out in Schedule 8 of the New Zealand Gazette Notice of Thursday, 25 March 2004, Issue Number 35, shall apply, notwithstanding clause (1)(1) of the schedule.		

**Applicant: Aristopet Pty Limited**

**Application Code: HSR05056**

**Purpose:** To import Aqua Master Aqua Septic, an aid in reducing harmful organisms in freshwater and tropical freshwater aquariums and bowls (rapid low hazard)

**Decision Notified:** 21 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** AQUA MASTER AQUA SEPTIC

**Classification:** 9.1D Biocide

**ERMA Approval Code: HSR001660**

**Controls:**

Control Code <sup>47</sup>	Regulation <sup>48</sup>	Explanation <sup>49</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Ecotoxic Property Controls</b>		
E6	7	<b>Requirements for equipment used to handle Aqua Master Aqua Septic</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I19	29–31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I29	51–52	<b>Duties of persons in charge of places with respect to signage</b>
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	<b>General packaging requirements</b>
P3	9	<b>Packaging requirements for substances packed in limited quantities</b>
PS4	Schedule 4	<b>This schedule describes the (minimum) packaging requirements that must be complied with for this substance</b>
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D5	9	<b>Disposal requirements for Aqua Master Aqua Septic</b>
D6	10	<b>Disposal requirements for packages</b>
D7	11, 12	<b>Disposal information requirements</b>
D8	13, 14	<b>Disposal documentation requirements</b>

<sup>47</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

<sup>48</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>49</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

Hazardous Substances (Emergency Management) Regulations 2001		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage

**Applicant: Grace (New Zealand) Limited**

**Application Code: HSR05042**

**Purpose:** To manufacture and release ADVA 142 as an admixture for concrete mixes

**Decision Notified:** 27 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** ADVA 142

**Classification:** 6.3B mild skin irritant, 6.4A eye irritant, 6.5B skin sensitiser

**ERMA Approval Code: HSR001664**

**Controls:**

Control Code <sup>50</sup>	Regulation <sup>51</sup>	Explanation <sup>52</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T4	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I9	18	Secondary identifiers for all hazardous substances
I16	25	Secondary identifiers for toxic substances
I17	26	Use of Generic Names
I18	27	Use of Concentration Ranges

<sup>50</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

<sup>51</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>52</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I28	46	Specific documentation requirements for toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P3, P13	9, 19	Packaging requirements for ADVA 142
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4	8	Disposal requirements for ADVA 142
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment

**Applicant:** Yates New Zealand Limited

**Application Code:** HSR05058

**Purpose:** To approve the import or manufacture of Yates Fungus Gun, a ready-to-use liquid containing 0.05g/L myclobutanil for use as a systemic fungicide for roses and ornamentals in the home garden

**Decision Notified:** 28 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Yates Fungus Gun

**Classification:** 9.1D Biocide

**ERMA Approval Code:** HSR001665

**Controls:**

Control Code <sup>53</sup>	Regulation <sup>54</sup>	Explanation <sup>55</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls</b>		
E6	7	Requirements for equipment used to handle hazardous substances
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I29	51–52	Duties of persons in charge of places with respect to signage
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D5	9	Disposal requirements for ecotoxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage

53 Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

54 These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

55 These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

**Applicant: Yates New Zealand Limited**

**Application Code: HSR05057**

**Purpose:** To approve the import or manufacture of Yates Rose Gun, a ready-to-use liquid containing 0.1g/L taufluvialinate and 0.05g/L myclobutanil for use as an all-purpose combination insecticide and fungicide spray for roses and ornamentals

**Decision Notified:** 29 June 2005

**Decision:** Approved with Controls

**Identifier for Substance:** Yates Rose Gun

**Classification:** 9.1B aquatic toxicant

**ERMA Approval Code: HSR001666**

**Controls:**

Control Code <sup>56</sup>	Regulation <sup>57</sup>	Explanation <sup>58</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls</b>		
E6	7	<b>Requirements for equipment used to handle hazardous substances</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	<b>General identification requirements</b>
I3	9	<b>Priority identifiers for ecotoxic substances</b>
I9	18	<b>Secondary identifiers for all hazardous substances</b>
I11	20	<b>Secondary identifiers for ecotoxic substances</b>
I19	29–31	<b>Alternative information in certain cases</b>
I21	37–39, 47–50	<b>Documentation required in places of work</b>
I23	41	<b>Specific documentation requirements for ecotoxic substances</b>
I29	51–52	<b>Duties of persons in charge of places with respect to signage</b>
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	<b>General packaging requirements</b>
P3	9	<b>Packaging requirements for substances packed in limited quantities</b>
P15	21	<b>Packaging requirements for ecotoxic substances</b>
PG3	Schedule 3	<b>This schedule describes the (minimum) packaging requirements that must be complied with for this substance. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).</b>

<sup>56</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the ERMA New Zealand *User Guide to the HSNO Control Regulations*.

<sup>57</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>58</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

PS4	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
Hazardous Substances (Disposal) Regulations 2001		
D5	9	Disposal requirements for ecotoxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
Hazardous Substances (Emergency Management) Regulations 2001		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage

## AMENDMENTS TO APPROVALS

**Applicant:** DuPont (New Zealand) Limited

**Application Code:** HSR04071

**Purpose:** To import Claridox Technical for use as an active ingredient in the manufacture of an insecticide bait

**Decision Amendment Date:** 01 June 2005

**Amendment:** To remove a hazard classification that was a result of a typographical error.

**Applicant:** Warburton Technology Limited

**Application Code:** HSR03026

**Purpose:** To import MSC253, an injectable nutritional supplement for use in ruminants. MSC253 is proposed as a Prescription Animal Remedy (PAR) Class 1, for use only following a veterinary consultation

**Decision Amendment Date:** 01 June 2005

**Amendment:** To correct the units specified for the formulation in the Confidential Appendix from %w/w to %w/v.

## TEST CERTIFIERS

The Chief Executive of the Environmental Risk Management Authority, acting under delegated power from the Authority, reached decisions on the following applications. The full requirements and limitations for the following Test Certifiers is available on our public register or website.

**Applicant: Keith Broome**

**Region: Waikato**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000125**

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**Applicant: Malcolm Brennan**

**Region: Marlborough**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000120**

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**Applicant: William Johnsen**

**Region: Otago**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000121**

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**Applicant: Edward Te Kahika**

**Region: Hawkes Bay**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000122**

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**Applicant: Warren Morunga**

**Region: Northland**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000123**

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**Applicant: Geoffrey Woodhouse**

**Region: West Coast**

**Decision:** Approved with Limitations

**Date of Approval:** 13 June 2005

**ERMA Approval Code: TST000124**

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## TEST CERTIFIERS



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