

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

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 to be added to our interested party list. You will need to nominate the types of applications that you are interested in.

Applicant: Environment Canterbury

Application Code: NOR03001

Purpose: Import for release a South African moth, the boneseed leafroller (*Tortrix* s.l. sp. 'chrysanthemoides'), which is a new organism, for the purpose of biological control of boneseed (*Chrysanthemoides monilifera monilifera*)

Date Publicly Notified: 02 September 2004

Date Submissions Close: 14 October 2004

NON-NOTIFIED APPLICATIONS RECEIVED

Applicant: Institute of Geological and Nuclear Sciences

Application Code: NOC04013

Purpose: To import sediments and fluids that may contain unidentified and potentially novel microorganisms from hydrothermal marine vents and adjacent areas, for the purpose of biodiversity, ecology and biotechnology studies

Date Formally Received: 23 August 2004

Applicant: IRL BioPharm

Application Code: NOC04015

Purpose: To import into containment the marine organism '*Salinospora*' sp. CNB392 (Feling et al. 2003) to assess production of a novel biopharmaceutical

Date Formally Received: 13 September 2004

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

ERMA NEW ZEALAND

PO Box 131 Wellington

Phone: +64 4 916 2426 Fax: +64 4 914 0433

Email: info@ermanz.govt.nz

Website: www.ermanz.govt.nz

ENVIRONMENTAL RISK MANAGEMENT AUTHORITY
NGĀ KAIWHAKATŪPATO WHAKARARU TAIAO



DECISIONS ON APPLICATIONS

Applicant: IRL BioPharm

Application Code: GMC04011

Purpose: To import into containment genetically modified *Streptomyces hygroscopicus* for production of novel antibiotics

Decision Notified: 27 August 2004

Description of Organisms:

Host organism: *Streptomyces hygroscopicus* (Jensen 1931) Waksman & Henrici 1948 (GMC04011)

Category of host organism: 1

Modified by: Mobilisation-defective integrative plasmids containing truncated polyketide synthase (PKS) genes from *Streptomyces hygroscopicus* or *Streptomyces coelicolor* and apramycin resistance genes from *Streptomyces coelicolor*.

Category of modification/containment level:
A / PC1

Decision: Approved with Controls

ERMA Approval Code: GMC001241

Controls:

In order to provide for the matters detailed in Part 1 of the Third Schedule of the HSNO Act¹, Containment Controls for Importation, Development and Field Testing of Genetically Modified Organisms, the approved organisms are subject to the following controls:

1. To limit the likelihood of any accidental release of any organism or any viable genetic material².

- 1.1 The approved organisms shall be imported 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 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/ERMA New Zealand Standard 154.03.02³: 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 Authority 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 organisms that have escaped

¹ Bold headings in the following text refer to Matters to be Addressed by Containment Controls for Import and Field Testing of Genetically Modified Organisms, specified in the Third Schedule of the HSNO Act 1996.

² 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.

³ Or any updated Standard endorsed by ERMA New Zealand or MAF Biosecurity Authority.

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.

Applicant: AgResearch Limited

Application Code: NOC04005

Purpose: To import into containment four recently described *Clostridium* species to investigate their significance in the microbiology of chilled meats

Decision Notified: 30 August 2004

Description of Organisms: *Clostridium frigidum* (Spring et al., 2003)⁴

Clostridium lacusfryxellense (Spring et al., 2003)¹

Clostridium bowmanii (Spring et al., 2003)¹

Clostridium psychrophilum (Spring et al., 2003)¹

Decision: Approved with Controls

ERMA Approval Code: NOC002287-90

Controls:

In order to satisfactorily address the matters detailed in the Third Schedule Part II: Containment controls for new organisms excluding genetically modified

organisms⁵ of the Act, and other matters in order to give effect to the purpose of the Act, the approved organism is subject to the following controls:

1. To limit the likelihood of any accidental release of any organism or any viable genetic material⁶:

1.1 The approved organism shall be imported into, and maintained within a containment facility which complies with these controls.

1.2 The construction, operation, and management of the containment facility shall be in accordance with the:

a) Ministry of Agriculture and Forestry (MAF)/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).

c) Physical Containment Level 2 (PC2) requirements of the above Standards.

1.3 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.

1.4 The containment facilities 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.

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 standards listed in Control 1.2 relating to the control of the effects of any accidental release or escape of an organism.

4 National Centre for Biotechnology Information (NCBI) taxonomy browser. <http://www.ncbi.nlm.nih.gov/Taxonomy/taxonomyhome.html/>

5 Bold headings refer to matters to be addressed by containment controls for new organisms excluding genetically modified organisms, specified in the Third Schedule (Part II) of the HSNO Act 1996.

6 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.

3.2 If for any reason a breach of containment⁷ occurs the facility Supervisor⁸, MAF Biosecurity Authority and ERMA New Zealand shall promptly be notified 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 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 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 154.03.02.

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.

Applicant: Forest Research Institute Limited

Application Code: NOC04004

Purpose: Import *Cotesia urabae*, *Dolichogenidea eucalypti*, *Eriborus* species and *Euplectrus* species (see application for unique species identifiers where required), into containment for assessment as biocontrol agents of the gum leaf skeletoniser, *Uraba lugens*

Decision Notified: 10 September 2004

Description of Organisms: *Cotesia urabae* Austin and Allen 1989

Dolichogenidea eucalypti Austin and Allen 1989

Eriborus Förster 1858 species 'with reticulate-punctate sculpturing on the scutum, scutellum and propodeum and reared from *Uraba lugens* in Tasmania or South Australia'

Euplectrus Westwood 1832 species 'a solitary ectoparasitoid reared from *Uraba lugens* from Adelaide, Australia'

Decision: Approved with Controls

ERMA Approval Code: NOC002291-94

Controls:

In order to satisfactorily address the matters detailed in the Third Schedule Part II: Containment controls for new organisms excluding genetically modified organisms⁹ of the Act, and other matters in order to give effect to the purpose of the Act, the approved organism is subject to the following controls:

1. To limit the likelihood of any accidental release of any organism or any viable genetic material¹⁰:

1.1 The person responsible for a particular research area and/or the person responsible for the operation of the containment facilities ('the facility') shall inform all personnel involved in the handling of the organisms of the Authority's controls.

1.2 The construction, operation, and management of the containment facility shall be in accordance with the:

d) Ministry of Agriculture and Forestry (MAF)/ERMA New Zealand Standard 154.02.08. Transitional and Containment Facilities for Invertebrates.

e) Australian New Zealand Standard AS/NZS 2243:3 2002 Safety in Laboratories: Part 3: (Microbiological aspects and containment facilities).

f) Physical Containment Level 2 (PC2) requirements of the above Standards.

⁷ 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.

⁸ An inspector appointed under the Biosecurity Act.

⁹ Bold headings refer to matters to be addressed by containment controls for new organisms excluding genetically modified organisms, specified in the Third Schedule (Part II) of the HSNO Act 1996.

¹⁰ 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.

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.
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 standards 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 occurs the facility Supervisor¹¹, MAF Biosecurity Authority and ERMA New Zealand shall promptly be notified 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 standards listed in control 1.2 relating to the maintenance of records demonstrating compliance with the MAF/ERMA New Zealand Standard 154.02.08, 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 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 154.02.08.
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 The primary culture of *Uraba lugens* should be isolated at all times from the parasitoids (for example at least being in separate cages).
- 6.2 Any imported hyperparasitoids, pathogens or other associated organisms, dead pupae and packaging material shall be autoclaved prior to disposal.
- 6.3 The applicant shall on entering any containment room containing the parasitoids check the sticky traps within that room for the parasitoids, and if parasitoids are found, implement the contingency plan immediately.
- 6.4 Any person, prior to exercising this approval shall notify ERMA New Zealand of their intention to do so.

DELEGATED AUTHORITY

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

Applicant: Victoria University of Wellington

Application Code: GMD04091

Purpose: Generation of cell specific loss of interleukin-4 responses to investigate the mechanisms of inflammatory disease

Decision Notified: 20 September 2004

Decision: Approved with Controls

Description of Organisms:

Host Organism: *Mus musculus*

Category of host organism: 2

Genetic modifications:

1. LysM^{cre}IL-4Ra^{lox/-}
2. IL-4Ra^{lox/-}
3. LysM^{cre}IL-4Ra^{-/-} or
4. IL-4Ra^{-/-}

Category of genetic modification: B

Containment level: PC2

ERMA Approval Code: GMD003366

Controls:

The Third Schedule of the HSNO Act 1996, Part I, identifies Matters to be Addressed by Containment Controls for Development and Field Testing of Genetically Modified Organisms.

¹¹ An inspector appointed under the Biosecurity Act.

1. To limit the likelihood of any accidental release of any organism or any viable genetic material¹²:

- 1.1 The person responsible for a particular research area and/or the person responsible for the operation of the containment facilities ('the facility') shall inform all personnel involved in the handling of the organisms of the Authority's controls.
- 1.2 The vertebrate containment facilities shall be approved by the Ministry of Agriculture and Forestry (MAF) to a minimum of conditions for physical containment of vertebrates described as Physical Containment Level 2 (PC2) in the Australia / New Zealand containment standard 2243.3:2002 (Safety in Laboratories Part 3: Microbiological Aspects and Containment Facilities) and the modifications referred to in the MAF Biosecurity Authority/ERMA New Zealand Standard 154.03.03: Containment Facilities for Vertebrate Laboratory Animals.

2. To exclude unauthorised people from the facility:

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

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

- 3.1 The exclusion of other organisms from the facility and the control of undesirable and unwanted organisms within the facility shall be in compliance with the standard listed in control 1.2 of this document.

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

- 4.1 The prevention of unintended release of the organisms by experimenters working with the organisms shall be in compliance with the standard listed in control 1.2 of this document.

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

- 5.1 Control of the effects of any accidental release or escape of the organisms shall be in compliance with the standard listed in control 1.2 of this document.
- 5.2 In the event of any breach of containment 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 Standards.

- 5.3 If for any reason a breach of containment occurs the facility Supervisor, MAF Biosecurity Authority and ERMA New Zealand shall be notified immediately (and at least within 24 hours of the breach being detected).

6. Inspection and monitoring requirements for containment facilities:

- 6.1 The inspection and monitoring requirements for containment facilities shall be in compliance with the standard listed in control 1.2 of this document.
- 6.2 The Authority, or its authorised agent or properly authorised enforcement officers, may inspect the facilities at any reasonable time.

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 standard listed in control 1.2 of this document.

Applicant: Ministry of Agriculture and Forestry - National Centre for Disease Investigation

Application Code: GMD04090

Purpose: Cloning of microbial DNA fragments into *Escherichia coli* for diagnostic, epidemiological and phylogenetic applications vital to the biosecurity of New Zealand

Decision Notified: 29 September 2004

Decision: Approved with Controls

Description of Organisms: *Escherichia coli* (Migula 1895) Castellani and Chambers 1919, strain K12 or B derivatives as modified by non-conjugative plasmid cloning vectors containing short sequences (PCR or RFLP fragments) of donor DNA isolated from pathogenic microorganisms

ERMA Approval Code: GMD003394

Controls:

In order to provide for the matters detailed in Part 1 of the Third Schedule of the HSNO Act, Containment Controls for Importation, Development and Field Testing of Genetically Modified Organisms, the approved organisms are subject to the following controls:

1. **To limit the likelihood of any accidental release of any organism or any viable genetic material.**

¹² 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.

- 1.1 The approved organisms 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 154.03.02¹³: Containment Facilities for microorganisms, at laboratory Physical Containment Level 1 (PC1) for organisms with category A genetic modifications.
 - b) Australian New Zealand Standard AS/NZS 2243.3:2002¹⁰ Safety in Laboratories: Part 3: Microbiological aspects of containment and facilities.
 - 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

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.

¹³ Or any equivalent updated standard as endorsed by MAF Biosecurity Authority.

HAZARDOUS SUBSTANCES

NOTIFIED APPLICATIONS AND PUBLIC 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@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.

Applicant: Polychem Marketing Limited

Application Code: HSR04038

Purpose: To import Limed Rosin Solution, a raw material in the paint, ink and varnish industries

Date Publicly Notified: 26 August 2004

Date Submissions Close: 07 October 2004

Applicant: DyStar Singapore Pte. Limited

Application Code: HSR04013

Purpose: To import Supralan Grey C-G, Supralan Red C-G and Supralan Yellow C-2R, which are dyestuffs for the dyeing of wool

Date Publicly Notified: 30 August 2004

Date Submissions Close: 11 October 2004

Applicant: ANCARE New Zealand Limited

Application Code: HSR04035

Purpose: To manufacture and release Drench 55AE, an anthelmintic for use in ruminants

Date Publicly Notified: 30 August 2004

Date Submissions Close: 11 October 2004

Applicant: Taranaki Nuchem Limited

Application Code: HSR04044

Purpose: To import and manufacture Spark, which is an agricultural herbicide for the control of annual grasses and broadleaf weeds in maize

Date Publicly Notified: 10 September 2004

Date Submissions Close: 22 October 2004

Applicant: Altex Coatings Limited

Application Code: HSR04039

Purpose: To import Alloy B Antifouling paint, a harder 'aluminium friendly' copper based antifouling paint

Date Publicly Notified: 14 September 2004

Date Submissions Close: 27 October 2004

NON-NOTIFIED APPLICATIONS RECEIVED

Applicant: Electropar Limited

Application Code: HSR04046

Purpose: To import into New Zealand Xeconex Implosive Connectors for use in the construction and maintenance of electricity transmission line conductor strings

Date Formally Received: 25 August 2004

Applicant: Scotts Australia Pty Limited

Application Code: HSR04053

Purpose: To import Defender Home Defense Outdoor Barrier Spray for the control of spiders, ants, fleas, paper nest wasps, cockroaches, mosquitoes and flies before they can enter the home.

Date Formally Received: 17 September 2004

Applicant: Feral R&D

Application Code: HSC04020

Purpose: To allow research and development of a new vertebrate toxic agent, testing the efficiency of bait containing micro encapsulated PAPP toxin for mustelid control

Date Formally Received: 17 September 2004

Applicant: Dow AgroSciences

Application Code: HSC04024

Purpose: To use in containment for the purpose of field testing DASNZ004/04 and DASNZ005/04 to assess the ability to control certain diseases in certain crops

Date Formally Received: 17 September 2004

DECISIONS ON APPLICATIONS

Applicant: BASF New Zealand

Application Code: HSC04016

Purpose: To import for field testing various substances to assess their ability to control damaging organisms in plants

Decision Notified: 01 September 2004

Decision: Approved with Controls

Identifier for Substance: BNZ-01/04

ERMA Approval Code: HSC000102

Controls:

1. The trials shall be undertaken in accordance with the Project Plans and Site Management Plan, which accompanied the application. Modifications of the Project Plan or Site Management Plan 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 trial sites shall only be located on the three properties identified in the Project Plans.
4. The trial sites shall be chosen so as to prevent the substances 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 Director¹⁴ 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 primary access points shall be signed indicating that unauthorised access is not allowed, that the site is subject to a trial, and that the crops should not be removed or disturbed.
7. The trial sites shall be secured by stock proof fencing to exclude grazing animals for the duration of the trial.
8. The substances shall be stored in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.
9. The substances shall be mixed, diluted and prepared in any other way prior to application in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.

10. The substances shall be securely packed in suitable containers as appropriate that comply with the Hazardous Substances (Packaging) Regulations 2001, and shall be labelled as appropriate in accordance with the Hazardous Substances (Identification) Regulations 2001. Appropriate MSDS shall accompany each shipment.
11. The substances shall be transported in accordance with good practice. This may require compliance with the Land Transport Rule: Dangerous Goods 1999.
12. The substances shall be applied by way of hand-held/operator-worn equipment, using hydraulic pressure or compressed CO₂ or air on plots specifically designated and marked for each treatment, in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409. 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 substances 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.
17. Any equipment used (including spray bottles) shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substances remaining at the end of each season shall be returned to BASF New Zealand Limited for secure storage in a purpose designed secure facility. At completion of the programme, empty substance bottles and any unused substances shall be exported to the originating laboratory.

¹⁴ 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.

19. Any accidental spillage of unmixed substances 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.
20. A record shall be kept of all use of the substances. This record shall cover all matters referred to in Regulation 6 of the Hazardous Substances (Class 6, 8 and 9 Controls) Regulations.
21. Information on appropriate safety precautions necessary to provide safeguards against the substances' ecotoxic and toxic properties shall accompany the substances at all stages of their lifecycle. Safety glasses, gloves and protective clothing shall be worn when handling the substance for the purposes of dispensing, mixing or applying the substance, or when cleanup is required.
22. 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	BNZ-01/04
ERMA Application number	HSC04016
ERMA Approval number	HSC000102
ERMA Applications Advisor	Beth Dye

23. 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, both the relevant regional council and the relevant iwi authorities be advised.
24. The Authority or its authorised agent or properly authorised enforcement officers, may whilst accompanied by the Study Director or the Trial Director inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for a maximum of five years.
26. The maximum quantity of BNZ-01/04 that shall be imported under this approval is 0.5 litre of each substance per year.

Applicant: Syngenta Crop Protection Limited

Application Code: HSC04017

Purpose: To import into containment, fungicidal compounds of the chemical class Heterocyclic Amides (OPA), to conduct small-scale contained field trials to provide information for the development of these compounds

Decision Notified: 01 September 2004

Decision: Approved with Controls

Identifier for Substance: OPA21, OPA22, OPA23, OPA24, OPA25, OPA26, OPA27, OPA28, OPA29, OPA30, OPA31

ERMA Approval Code: HSC000103-113

Controls:

1. The trials shall be undertaken in accordance with the Project Plan and Containment System, which accompanied the application. Modifications of the Project Plan or Containment System 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 trial sites shall be chosen so as to prevent the substances entering any surface water or groundwater system.
4. The trial sites shall be located to prevent any building where people live or work being exposed to the substances.
5. Access to the trial sites shall be by permission of the Trial Director¹⁵ 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 unauthorised access is not allowed, that the site is subject to a trial, and that the crops should not be removed or disturbed.
6. The trial sites shall be secured by stock proof fencing to exclude grazing animals for the duration of the trial.
7. The substances shall be stored in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.
8. The substances shall be mixed, diluted and prepared in any other way prior to application in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.

¹⁵ The Trial Director is the individual appointed by the applicant to be responsible for the overall conduct of the trial in accordance with the Containment System and approval controls.

9. The substances 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. MSDS shall accompany each shipment.
10. The substances shall be transported in accordance with good practice. This may require compliance with the Land Transport Rule: Dangerous Goods 1999.
11. The substances shall be applied by way of hand-held/operator-worn equipment, using hydraulic pressure or compressed CO₂ or air on plots specifically designated and marked for each treatment, in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409. 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.
12. The personnel applying the substances 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 an appropriate Growsafe certification or an Approved Handler qualification.
13. No sprayed produce shall be consumed by people or animals or offered for sale.
14. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
15. 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.
16. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
17. Surplus substances remaining at the end of the trials shall be returned to Syngenta Crop Protection Pty Limited, for secure storage in an exempt laboratory, exported or degraded to a non-hazardous substance (note that once the trials are complete the substances do not have approval to be present in New Zealand except in an exempt laboratory).
18. Any accidental spillage of the unmixed substances 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.
19. A record shall be kept of all use of the substances. This record shall cover all matters referred to in Regulation 6 of the Hazardous Substances (Class 6, 8 and 9 Controls) Regulations.
20. Information on appropriate safety precautions necessary to provide safeguards against the substances' ecotoxic properties shall accompany the substances at all stages of their lifecycle. Safety glasses, gloves and protective clothing shall be worn when handling the substances throughout the lifecycle.
21. 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:

Substances	OPA21, OPA22, OPA23, OPA24, OPA25, OPA26, OPA27, OPA28, OPA29, OPA30, and OPA31
ERMA Application number	HSC04017
ERMA Approval numbers	HSC000103-113
ERMA Applications Advisor	Amanda Mckenzie
22. 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.
23. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
24. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.

25. The maximum total quantity of each of the substances OPA21, OPA22, OPA23, OPA24, OPA25, OPA26, OPA27, OPA28, OPA29, OPA30, and OPA31 that shall be imported under this approval is 2L.

Applicant: Taranaki Nuchem Limited

Application Code: HSC04018

Purpose: To field trial in containment, a substance, TNL 2036, in various ratio of three actives and formulation types so that data can be produced on the most effective ratio of actives to control weeds in pastoral crops

Decision Notified: 01 September 2004

Decision: Approved with Controls

Identifier for Substance: TNL 2036

ERMA Approval Code: HSC000114

Controls:

1. The trials shall be undertaken in accordance with the Project Plan and the Containment System proposed by the applicant, which accompanied the application. Modifications of the Project Plan or Containment System 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 substance shall be manufactured in compliance with ISO 9001, in a laboratory that complies with the Hazardous Substances (Exempt Laboratories) Regulations 2001.
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 Director¹⁶ 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 primary access points shall be signed indicating that unauthorised access is not allowed, that the site is subject to a trial, and that the crops should not be removed or disturbed.
7. 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 good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.
9. The substance shall be mixed, diluted and prepared in any other way prior to application in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409.
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. MSDS shall accompany each shipment.
11. The substance shall be transported in accordance with good practice. This may require compliance with 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 CO₂ or air on plots specifically designated and marked for each treatment, in accordance with good practice. This would generally be achieved through compliance with the Code of Practice for the Management of Agrichemicals NZS8409. 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.

¹⁶ The Trial Director is the individual appointed by the applicant to be responsible for the overall conduct of the trial in accordance with the Containment System and approval controls.

17. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substance remaining at the end of the trials shall be returned to Taranaki NuChem Limited, for secure storage in an exempt laboratory, or degraded to a non-hazardous substance (note that once the trials are complete the substance does not have approval to be present in New Zealand except in an exempt laboratory).
19. 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.
20. 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 (Class 6, 8 and 9 Controls) Regulations.
21. 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 their lifecycle. Safety glasses, gloves and protective clothing shall be worn when handling the substance throughout the lifecycle.
22. 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	TNL 2036
ERMA Application number	HSC04018
ERMA Approval number	HSC000114
ERMA Applications Advisor	Amanda Mckenzie

23. 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.

24. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.
26. The maximum total quantity of TNL 2036 that shall be manufactured under this approval is 100L.

Applicant: Syngenta Crop Protection Limited

Application Code: HSC04019

Purpose: To import into containment NZH1 to conduct field trials to evaluate whether the substance is suitable for use in New Zealand agriculture and horticulture, and to provide data for future applications to ERMA New Zealand and ACVM

Decision Notified: 20 September 2004

Decision: Approved with Controls

Identifier for Substance: NZH1

ERMA Approval Code: HSC000115

Controls:

1. The trials shall be undertaken in accordance with the Management Plan, which accompanied the application. Modifications of the Management Plan 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 may be carried out at a location that is not defined until an infestation of the target pest has been found, only if the applicant;
 - has permission from the owner of the land to carry out the trial; and
 - notifies ERMA New Zealand of the locations as per control 22.
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 Director¹⁷ 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 unauthorised 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 NZS8409:1999.
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 NZS8409:1999.
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 CO₂ or air on plots specifically designated and marked for each treatment, in accordance with the Code of Practice for the Management of Agrichemicals NZS8409: 1999. 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.
17. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substance remaining at the end of the trials shall be returned to Syngenta Crop Protection Limited for secure storage in an exempt laboratory, exported or degraded to a non-hazardous substance (note that once the trials are complete the substance does not have approval to be present in New Zealand except in an exempt laboratory).
19. 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.
20. 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 (Class 6, 8 and 9 Controls) Regulations.
21. Information on appropriate safety precautions necessary to provide safeguards against the substance's flammable, 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.
22. 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	NZH1
ERMA Application number	HSC04019
ERMA Approval number	HSC000115
ERMA Applications Advisor	Beth Dye

¹⁷ 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.

23. 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.
24. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.
26. The maximum total quantity of NZH1 that shall be imported under this approval is five litres.

**Applicant: Reckitt Benckiser
(New Zealand) Limited**

Application Code: HSR04019

Purpose: RB-2-114 is a domestic use carpet cleaning product

Decision Notified: 20 September 2004

Decision: Approved with Controls

Identifier for Substance: RB-2-114

Classification: 6.4A eye irritant, 6.9B target organ systemic toxicant

ERMA Approval Code: HSR000134

Controls:

Control Code ¹⁸	Regulation ¹⁹	Explanation ²⁰
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls		
T4	7	Requirements for equipment used to handle substances
T7	10	Restrictions on the carriage of toxic substances on passenger service vehicles
Hazardous Substances (Identification) Regulations 2001		
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
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
Hazardous Substances (Packaging) Regulations 2001		
P1	5, 6, 7 (1), 8	General packaging requirements

¹⁸ 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 and is also contained in the ERMA New Zealand User Guide to the Controls Regulations.

¹⁹ 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.

²⁰ These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

P3, P13	9, 19	Packaging requirements for RB-2-114
	Schedule 4	This schedule describes the (minimum) packaging requirements that must be complied with for this substance.
Hazardous Substances (Disposal) Regulations 2001		
D4	8	Disposal requirements for toxic or corrosive 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
EM6	8(e)	Information requirements for toxic substances
EM8	12-16, 18-20	Level 2 emergency management information requirements

Applicant: Syngenta Crop Protection Limited

Application Code: HSC04021

Purpose: To import into containment the substance NZF3 to conduct field trials

Decision Notified: 29 September 2004

Decision: Approved with Controls

Identifier for Substance: NZF3

ERMA Approval Code: HSC000116

Controls:

1. The trials shall be undertaken in accordance with the Management Plan, which accompanied the application. Modifications of the Management Plan 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 may be carried out at a location that is not defined until an infestation of the target pest has been found, only if the applicant;
 - has permission from the owner of the land to carry out the trial; and
 - notifies ERMA New Zealand of the locations as per control 22.
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 Director²¹ 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 unauthorised 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.
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.
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.

²¹ 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.

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 CO₂ or air on plots specifically designated and marked for each treatment, in accordance with the Code of Practice for the Management of Agrichemicals NZS8409. 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.
17. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substance remaining at the end of the trials shall be returned to Syngenta Crop Protection Limited for secure storage in an exempt laboratory, exported or degraded to a non-hazardous substance (note that once the trials are complete the substance does not have approval to be present in New Zealand except in an exempt laboratory).
19. 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.
20. 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 (Class 6, 8 and 9 Controls) Regulations.
21. 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.
22. 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	NZF3
ERMA Application number	HSC04021
ERMA Approval number	HSC000116
ERMA Applications Advisor	Beth Dye
23. 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.
24. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.
26. The maximum total quantity of NZF3 that shall be imported under this approval is fifty litres.

Applicant: Syngenta Crop Protection Limited

Application Code: HSC04022

Purpose: To import into containment the substance NZH2 to conduct field trials

Decision Notified: 29 September 2004

Decision: Approved with Controls

Identifier for Substance: NZH2

ERMA Approval Code: HSC000117

Controls:

1. The trials shall be undertaken in accordance with the Management Plan, which accompanied the application. Modifications of the Management Plan 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 may be carried out at a location that is not defined until an infestation of the target pest has been found, only if the applicant;
 - has permission from the owner of the land to carry out the trial; and
 - notifies ERMA New Zealand of the locations as per control 22.
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 Director²² 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 unauthorised 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.
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.
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 CO₂ or air on plots specifically designated and marked for each treatment, in accordance with the Code of Practice for the Management of Agrichemicals NZS8409. 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.
17. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substance remaining at the end of the trials shall be returned to Syngenta Crop Protection Limited for secure storage in an exempt laboratory, exported or degraded to a non-hazardous substance (note that once the trials are complete the substance does not have approval to be present in New Zealand except in an exempt laboratory).
19. 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.

²² 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.

20. 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 (Class 6, 8 and 9 Controls) Regulations.
21. 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.
22. 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	NZH2
ERMA Application number	HSC04022
ERMA Approval number	HSC000117
ERMA Applications Advisor	Beth Dye

23. 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.
24. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.
26. The maximum total quantity of NZH2 that shall be imported under this approval is 20 litres.

Applicant: Syngenta Crop Protection Limited

Application Code: HSC04023

Purpose: To import into containment the substance NZH3 to conduct field trials

Decision Notified: 29 September 2004

Decision: Approved with Controls

Identifier for Substance: NZH3

ERMA Approval Code: HSC000118

Controls:

- The trials shall be undertaken in accordance with the Management Plan, which accompanied the application. Modifications of the Management Plan may be approved in writing by ERMA New Zealand providing that they comply with the following controls.
- Notwithstanding the requirements of control 1 above, the trials shall also comply with the following controls:
- The trials may be carried out at a location that is not defined until an infestation of the target pest has been found, only if the applicant;
 - has permission from the owner of the land to carry out the trial; and
 - notifies ERMA New Zealand of the locations as per control 22.
- The trial sites shall be chosen so as to prevent the substance entering any surface water or groundwater system.
- The trial sites shall be located to prevent any building where people live or work being exposed to the substance.
- Access to the trial sites shall be by permission of the Trial Director²³ 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 unauthorised access is not allowed, that the site is subject to a trial, and that the crops should not be removed or disturbed.
- 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.
- The substance shall be stored in accordance with the Code of Practice for the Management of Agrichemicals NZS8409:1999.
- 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 NZS8409:1999.
- 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.

²³ 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.

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 CO2 or air on plots specifically designated and marked for each treatment, in accordance with the Code of Practice for the Management of Agrichemicals NZS8409: 1999. 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 an appropriate Growsafe certification or an Approved Handler qualification.
14. No sprayed produce shall be consumed by people or animals or offered for sale.
15. Sprayed produce shall be disposed of by ploughing in, by mulching or by burial at an approved landfill (not to be diverted to any composting operation).
16. 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.
17. Any equipment used shall be rinsed after use with the appropriate detergent or decontaminant, and rinsate disposed of within the trial site by being sprayed over a marked and designated non-crop and non-grazed area at the site.
18. Surplus substance remaining at the end of the trials shall be returned to Syngenta Crop Protection Limited for secure storage in an exempt laboratory, exported or degraded to a non-hazardous substance (note that once the trials are complete the substance does not have approval to be present in New Zealand except in an exempt laboratory).
19. 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.

20. 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 (Class 6, 8 and 9 Controls) Regulations.
21. 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.
22. 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	NZH3
ERMA Application number	HSC04023
ERMA Approval number	HSC000118
ERMA Applications Advisor	Beth Dye

23. 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.
24. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facilities and trial sites at any reasonable time.
25. This approval remains in place for the term of any concurrent approval required under the Agricultural Compounds and Veterinary Medicines Act 1997, to a maximum of five years.
26. The maximum total quantity of NZH3 that shall be imported under this approval is 20 litres.

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: TimTech Chemicals Limited

Application Code: HSR04045

Purpose: To import and manufacture TimTech AZUS, a nonmetallic timber preservative

Decision Notified: 13 September 2004

Decision: Approved with Controls

Identifier for Substance: TimTechTM AZUS

Classification: 3.1C Flammable liquid, 6.1E Acute toxicity, 6.3B Skin irritation, 6.5A Respiratory sensitization, 6.5B Contact (dermal) sensitisation, 6.9B Target organ/systemic toxicant, 9.1A Aquatic ecotoxicant, 9.4B Terrestrial invertebrate ecotoxicant

ERMA Approval Code: HSR000132

Controls:

Control Code ²⁴	Regulation ²⁵	Explanation ²⁶
Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls		
F1	7	General test certification requirements for all class 1 to 5 substances
F3	55	General limits on flammable substances
F5	58–59	Requirements regarding hazardous atmosphere zones for flammable liquids (3.1)
F6	60–70	Requirements to prevent unintended ignition of liquids (3.1)
F11	76	Segregation of incompatible substances
F12	77–78	General requirement for hazardous substance locations for flammable substances
F14	81	Test certification requirements for facilities where class 3.1 substances are present
F16	83	Controls on transit depots where flammable substances are present
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls		
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, E8, F2	10 Classes 6, 8 and 9, 8 Classes 1 to 5	Restrictions on the carriage of hazardous substances on passenger service vehicles
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls		
E1	32-45	Limiting exposure to ecotoxic substances

24 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 and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

25 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.

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

E3	49	Controls relating to protection of terrestrial invertebrates e.g. beneficial insects
E5	5(2), 6	Requirements for keeping records of use
E7	9	Approved handler requirements
Hazardous Substances (Identification) Regulations 2001		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
I5	11	Priority identifiers for flammable substances
I8	14	Priority identifiers for certain toxic substances
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I13	22	Secondary identifiers for flammable 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
I23	41	Specific documentation requirements for ecotoxic substances
I25	43	Specific documentation requirements for flammable 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
Hazardous Substances (Packaging) Regulations 2001		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P5, P13, P15	11, 19 and 21	Packaging requirements for TimTech™ AZUS
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).
Hazardous Substances (Disposal) Regulations 2001		
D2	6	Disposal requirements for flammable substances
D4	8	Disposal requirements for toxic and corrosive substances
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
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 documentation requirements
EM9	17	Specific documentation requirements for flammable and oxidising substances and organic peroxides
EM10	21–24	Fire extinguishers
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
Hazardous Substances (Personnel Qualification) Regulations 2001		
AH1	4–6	Approved Handler requirements (including test certificate and qualification requirements)
Hazardous Substances (Tracking) Regulations 2001		
TR1	4(1), 5, 6	General tracking requirements
Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004		
<p>Regulations 4 to 43 where applicable.</p> <p>The Hazardous Substances (Tank Wagon and Transportable Containers) Regulations 2004 shall be varied to the effect that all road tank-wagons, intended to carry TimTech™ AZUS, shall have compartments designed and constructed to a size (water capacity, excluding ullage) no greater than 10,000 litres.</p>		
Additional Controls		
<p>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.</p> <p>The controls relating to secondary containment, set out in Schedule 9 of the New Zealand Gazette notice of Thursday, 25 March 2004, Issue Number 35, shall apply, notwithstanding clause (1)(1) of the schedule.</p> <p>The controls relating to adverse effects of unintended ignition of class 2 and class 3.1 hazardous substances, set out in Schedule 10 of the New Zealand Gazette notice of Thursday, 25 March 2004, Issue Number 35, shall apply, notwithstanding clause (1)(1) of the schedule.</p>		

Applicant: Orion Crop Protection Limited**Application Code: HSR04043****Purpose:** To import or manufacture G Force Max, a reformulation of an existing herbicide**Decision Notified:** 16 September 2004**Decision:** Approved with Controls**Identifier for Substance:** G Force Max**Classification:** 6.3A Skin irritation, 9.1B Aquatic ecotoxicant**ERMA Approval Code: HSR000133****Controls:**

Control Code ²⁷	Regulation ²⁸	Explanation ²⁹
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls		
T1	11–27	Limiting exposure to toxic substances
T4, E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7, E8	10	Restrictions on the carriage of hazardous substances on passenger service vehicles
E1	32–45	Limiting exposure to ecotoxic substances
E2	46–48	Restrictions on use within application area
Hazardous Substances (Identification) Regulations 2001		
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
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
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
Hazardous Substances (Packaging) Regulations 2001		
P1	5, 6, 7 (1), 8	General packaging requirements

27 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 and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

28 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.

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

P3	9	Packaging requirements for substances packed in limited quantities
P5, P13, P15	11, 19, 21	Packaging requirements
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).
Hazardous Substances (Disposal) Regulations 2001		
D4, D5	8, 9	Disposal requirements for toxic and 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
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

Applicant: Mattersmiths Holdings Limited**Application Code: HSR04036****Purpose:** To import or manufacture SureBor, a timber preservative to be used on wood at industrial sites only**Decision Notified:** 24 September 2004**Decision:** Not approved under the rapid assessment route**Identifier for Substance:** SureBor**Classification:** 6.1E Acute toxicity, 6.4A Eye irritant, 6.8B suspected human reproductive or developmental toxicant, 9.1D Aquatic ecotoxicant**Applicant: Adria New Zealand Limited****Application Code: HSR04047****Purpose:** To import or manufacture Pilaud as an insect growth regulator for the control of mealy bug, scales and whitefly in a range of crops**Decision Notified:** 28 September 2004**Decision:** Approved with Controls**Identifier for Substance:** Pilaud**Classification:** 6.1E (oral) Acute toxicity, 6.3B Skin irritation, 6.9B Target organ systemic toxicant, 9.1B Aquatic ecotoxicant, 9.4C Terrestrial invertebrate ecotoxicant**ERMA Approval Code: HSR000135**

Controls:

Control Code³⁰	Regulation³¹	Explanation³²
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 – Toxic Property Controls		
T1	11–27	Limiting exposure to toxic substances
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 of Classes 6, 8 and 9 Controls	Restrictions on the carriage of hazardous substances on passenger service vehicles
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls		
E5	5(2), 6	Requirements for keeping records of use
E7	9	Approved handler requirements
Hazardous Substances (Identification) Regulations 2001		
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
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 toxic substances
Hazardous Substances (Packaging) Regulations 2001		
P1	5, 6, 7 (1), 8	General packaging requirements

30 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 and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

31 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.

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

P3	9	Packaging requirements for substances packed in limited quantities
P13, P15	11 19 and 21	Packaging requirements for Pilaud
PG3	Schedule 3	This schedule describes the (minimum) packaging requirements that must be complied with for Pilaud. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).
Hazardous Substances (Disposal) Regulations 2001		
D4	8	Disposal requirements for toxic substances
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
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 documentation requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM13	42	Level 3 emergency management requirements – signage
Hazardous Substances (Personnel Qualification) Regulations 2001		
AH1	4-6	Approved Handler requirements (including test certificate and qualification requirements)

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: Peter O'Donnell

Region: Manawatu-Wanganui

Decision: Approved with Limitations

Date of Approval: 01 September 2004

ERMA Approval Code: TST000089

Applicant: Trevor Walker

Region: Wellington

Decision: Approved with Limitations

Date of Approval: 03 September 2004

ERMA Approval Code: TST000090

Applicant: Bryan Williamson

Region: Wellington

Decision: Approved with Limitations

Date of Approval: 03 September 2004

ERMA Approval Code: TST000092

Applicant: Malcolm Dellow

Region: Canterbury

Decision: Approved with Limitations

Date of Approval: 06 September 2004

ERMA Approval Code: TST000091

Applicant: Derek Stannard

Region: Wellington

Decision: Approved with Limitations

Date of Approval: 08 September 2004

ERMA Approval Code: TST000093

Applicant: Michael Gray

Region: Canterbury

Decision: Approved with Limitations

Date of Approval: 14 September 2004

ERMA Approval Code: TST000096

Applicant: Alastair Gordon

Region: Gisborne

Decision: Approved with Limitations

Date of Approval: 14 September 2004

ERMA Approval Code: TST000095

Applicant: George Hewitt

Region: Wellington

Decision: Approved with Limitations

Date of Approval: 15 September 2004

ERMA Approval Code: TST000094

Applicant: James Rentoul

Region: Northland

Decision: Approved with Limitations

Date of Approval: 15 September 2004

ERMA Approval Code: TST000097

Bulletin is printed on acid free and Elemental Chlorine Free (ECF) paper using environmentally friendly ink that contains no mineral oils or resins and is produced exclusively from vegetable based products.

Plastic film used to distribute this publication is a non-toxic polypropylene and can be recycled.