

ENVIRONMENTAL RISK MANAGEMENT AUTHORITY

# THE BULLETIN



**Applicant:** New Zealand Cactus and Succulent Society

**Application Code:** S2604014

**Purpose:** To have a number of speices and their synonyms in the genus *Argyroderma* determined to be not new organisms under Section 26 of the HSNO Act

**Date Formally Received:** 10 May 2004

## DECISIONS ON APPLICATIONS

**Applicant:** New Zealand Iris Society (Inc)

**Application Code:** S2604009

**Purpose:** To have *Iris fulva* declared as already present in New Zealand, therefore classify as not a new organism under section 26 HSNO Act

**Formally Received:** 08 March 2004

**Decision Notified:** 03 May 2004

**Description of Organisms:** *Iris fulva* Ker-Gawler 1812.

**Decision:** Determined to not be a new organism

**Applicant:** GE Free New Zealand (In Food and Environment) Inc

**Application Code:** REA04001

**Purpose:** To request that the Authority decide whether there are grounds for reassessment of the approval to field test onion (*Allium cepa L.*) genetically modified by the CP4 EPSPS gene conferring tolerance to the herbicide glyphosate (Application GMF03001)

**Formally Received:** 17 February 2004

**Decision Notified:** 12 May 2004

**Description of Organisms:** *Allium cepa L.* genetically modified by the CP4 EPSPS gene conferring tolerance to the herbicide glyphosate.

**Decision:** Grounds do not exist for Reassessment

## DELEGATED AUTHORITY

There were no decisions made by the Chief Executive of the Environmental Risk Management Authority, acting under delegated power from the Authority during this period.

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

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

**Application Code:** GMD03071

**Purpose:** To expand the species of fungi from which the genes will be cloned to enable libraries of genes to be sequenced  
Update of GMD99125 and GMD00290

**Formally Received:** 17 June 2003

**Decision Notified:** 24 June 2003

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO03/HRA075)

*Escherichia coli* (k12 or B) modified with cosmid, plasmid, bacteriophage and pET based expression vectors containing DNA sourced from the following fungi:

*Phomopsis* species,

*Phomopsiscryptosporiopsis* species and

*Botryosphaeria dothidea*, which have been isolated in New Zealand from kiwifruit and *Colletotrichum musae* isolated in New Zealand from bananas.

Containment: PC1

Category: B(a)(i), B(b)(i) and B(b)(iv)(A)

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003122

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

**Application Code:** GMD04010

**Purpose:** To express phytoplasma genes in *Escherichia coli* for the production of antibodies and to develop methods of detecting and/or protecting against phytoplasmas

**Formally Received:** 01 December 2003

**Decision Notified:** 12 December 2003

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO03/HRA082)

*Escherichia coli* (K12 and B derivatives) as modified by standard *Escherichia coli* vectors containg open reading frames derived from Phytoplasma species (extracted from non-native plants) encoding proteins considered 'immunogenic'.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003123

**Applicant: University of Auckland**

**Application Code: GMD04035**

**Purpose:** Development of DNA constructs (in *Escherichia coli* strains) to report and regulate expression of peripherin (a neurofilament) in primary sensory neurones

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Cavis porcellus* cell lines  
(GMO03/UA034)

*Cavis porcellus* cell lines modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site
3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian species excluding DNA sourced directly or indirectly from humans in New Zealand.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code: GMD003113**

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**Applicant: University of Auckland**

**Application Code: GMD04035**

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Criteculus griseus* (GMO03/UA034)

*Criteculus griseus* cell lines modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site
3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian

species excluding DNA sourced directly or indirectly from humans in New Zealand

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code: GMD003114**

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**Applicant: University of Auckland**

**Application Code: GMD04035**

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO03/UA034)

*Escherichia coli* (K12 and B strains) modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site
3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian species excluding DNA sourced directly or indirectly from humans in New Zealand.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code: GMD003115**

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**Applicant: University of Auckland**

**Application Code: GMD04035**

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Homo sapiens* cell lines (GMO03/UA034)

*Homo sapiens* cell lines modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site

3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian species excluding DNA sourced directly or indirectly from humans in New Zealand.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003116

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**Applicant:** University of Auckland

**Application Code:** GMD04035

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Mus musculus* Linnaeus, 1758  
(GMO03/UA034)

*Mus musculus* cell lines modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site
3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian species excluding DNA sourced directly or indirectly from humans in New Zealand.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003117

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**Applicant:** University of Auckland

**Application Code:** GMD04035

**Formally Received:** 02 December 2003

**Decision Notified:** 14 April 2004

**Description of Organism and Institute Code:**

*Rattus norvegicus* (Berkenhout, 1796)  
(GMO03/UA034)

*Rattus norvegicus* cell lines modified with:

Non self-transmissible vectors with genes encoding the following:

1. Reporter proteins including Green Fluorescent Protein and lacZ
2. IRES-Internal Ribosomal Entry Site
3. UPRT (uracilphosphoribosyltransferase) gene from HSV or *Escherichia coli*
4. Mouse peripherin promoter DNA P2X and P2Y receptor and endonucleotidase gene families sourced from mammalian species excluding DNA sourced directly or indirectly from humans in New Zealand.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003118

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**Applicant:** University of Waikato

**Application Code:** GMD04040

**Purpose:** To clone and biochemically characterise spirochete energy generating enzymes

**Formally Received:** 22 March 2004

**Decision Notified:** 04 May 2004

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO04/UW001)

*Escherichia coli* (K12 or B) modified by pProEX-HtB, pBAD TOPO TA, pKK223-3 or pBR322 and pUC18/19 or derivatives containing HIS-Tagged enzymes from the glycolytic pathway of *Treponema pallidum*, *Borrelia burgdorferi*, *Treponema denticola*, *Treponema bryantii* and *Treponema saccharovororum*. The genetic material shall not include genes encoding vertebrate toxins, sequences that will produce particles able to infect humans, animals or plants, or uncharacterised sequences from pathogenic micro organisms.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003106

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**Applicant:** Massey University

**Application Code:** GMD04046

**Purpose:** To characterise the contribution of factors involved in transcription and signalling molecules to developmental process within plant model organisms, particularly *Arabidopsis thaliana*

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Agrobacterium tumefaciens* (Smith and Townsend 1907) Conn 1942 (GMO04/MU005)

*Agrobacterium tumefaciens* (disarmed non-tumourigenic strains) modified with non-tumourigenic binary vectors containing model plant DNA: *Arabidopsis thaliana* (thale cress), *Zea mays* (maize), *Oryza sativa* (rice), *Nicotiana tabacum* (tobacco), *Medicago truncatula* (barrel medic), *Marchantia polymorpha* (liverwort), *Ceratopteris richardii* (fern), and *Marsilea quadrifolia* (European watercress), *Selaginella kraussiana* (spike moss), and *Physomitrella patens* (moss).

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003107

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**Applicant:** Massey University

**Application Code:** GMD04046

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Arabidopsis thaliana* (L.) Heynh (1842) (GMO04/MU005)

*Arabidopsis thaliana* (standard cultivars) modified with model plant DNA (*Arabidopsis thaliana* (thale cress), *Zea mays* (maize), *Oryza sativa* (rice), *Nicotiana tabacum* (tobacco), *Medicago truncatula* (barrel medic), *Marchantia polymorpha* (liverwort), *Ceratopteris richardii* (fern), and *Marsilea quadrifolia* (European watercress), *Selaginella kraussiana* (spike moss), and *Physomitrella patens* (moss) with some vector sequence.

Containment: PC2

Category: B

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003108

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**Applicant:** Massey University

**Application Code:** GMD04046

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO04/MU005)

*Escherichia coli* (non-pathogenic derivatives) modified with non-conjugative vectors containing plant model DNA: *Arabidopsis thaliana* (thale cress), *Zea mays* (maize), *Oryza sativa* (rice), *Nicotiana tabacum* (tobacco), *Medicago truncatula* (barrel medic), *Marchantia polymorpha* (liverwort), *Ceratopteris richardii* (fern) and *Marsilea quadrifolia* (European watercress), *Selaginella kraussiana* (spike moss) and *Physomitrella patens* (moss).

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003109

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**Applicant:** Massey University

**Application Code:** GMD04048

**Purpose:** Analysis of genes involved in fungal infection structure development  
Update of GMO01/MU009

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO04/MU007)

*Escherichia coli* modified with non-conjugative plasmids containing an antibiotic resistance gene, a fungal promoter and *Glomerella cingulata* genes and DNA.

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003110

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**Applicant:** Massey University

**Application Code:** GMD04048

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Glomerella cingulata* (GMO04/MU007)

*Glomerella cingulata* modified with interactive vectors or nucleic acids containing antibiotic resistance gene (hygromycin, geneticin, phleomycin, bleomycin, chlorimuron ethyl or bialaphos) under the control of fungal promoters and sequenced *Glomerella cingulata* DNA.

Containment: PC2

Category: B

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003111

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**Applicant:** Massey University

**Application Code:** GMD04049

**Purpose:** To express TEV protease from a synthetic gene in *Escherichia coli* for use in purification protocols

**Formally Received:** 16 April 2004

**Decision Notified:** 30 April 2004

**Description of Organism and Institute Code:**

*Escherichia coli* (Migula 1895) Castellani and Chalmers 1919 (GMO04/MU008)

*Escherichia coli* (K12/B derivatives) modified with non-conjugative vectors containing Tobacco etch virus DNA encoding the rTEV protease

Containment: PC1

Category: A

**Decision:** Approved with Controls

**ERMA Approval Code:** GMD003112

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## AMENDMENTS TO APPROVALS

Under Section 67A of the HSNO Act the Environmental Risk Management Authority may amend any approval given under Part V of the Act if it considers that the alteration is minor in effect or corrects a minor or technical error.

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

**Applicant:** University of Auckland

**Application Code:** GMD99173

**Purpose:** To study the atomic structure of defined proteins

**Decision Amendment Date:** 07 October 2003

**Decision amended:** To move *Pichia pastoris* and *Zymomonas mobilis* from PC2 to PC2 due to the promulgation of 2003 Regulations.

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**Applicant:** University of Auckland

**Application Code:** GMD99174

**Purpose:** To study the atomic structure of defined proteins

**Decision Amendment Date:** 07 October 2003

**Decision amended:** To move *Pichia pastoris* and *Zymomonas mobilis* from PC2 to PC2 due to the promulgation of 2003 Regulations.

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**Applicant:** University of Auckland

**Application Code:** GMD01118

**Purpose:** To study the dynamics of bone formation and new remedies for bone diseases

**Decision Amendment Date:** 06 April 2004

**Decision amended:** As COS cell lines, CHO cell lines and BHK cell but accidentally left off decision form.

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**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@erманz.govt.nz](mailto:info@erманz.govt.nz) to be added to our interested party list. You will need to nominate the types of applications that you are interested in.

**Applicant:** Dow AgroSciences

**Application Code:** HSR03055

**Purpose:** To obtain approval to import and release the formulated Prodigy for use on New Zealand crops for the control of specific insect pests

**Date Formally Received:** 16 April 2004

**Date Publicly Notified:** 04 May 2004

**Date Submissions Close:** 15 June 2004

**Applicant:** Syngenta Crop Protection Limited

**Application Code:** HSR04016

**Purpose:** To import and release the substance ACANTO, a fungicide used for the control of diseases in barley and wheat

**Date Formally Received:** 06 May 2004

**Date Publicly Notified:** 20 May 2004

**Date Submissions Close:** 02 July 2004

**Applicant:** Koppers Arch Wood Protection (NZ) Limited

**Application Code:** HSR04020

**Purpose:** To manufacture Copper Naphthenate Formulations Type 3 and Type 4, for the preservation of timber

**Date Formally Received:** 21 May 2004

**Date Publicly Notified:** 28 May 2004

**Date Submissions Close:** 12 July 2004

**Applicant:** Endothall Registration Group

**Application Code:** HSR03058

**Purpose:** To import Aquathol<sup>®</sup> K and Aquathol<sup>®</sup> Super K, for use as a herbicide for control and/or eradication of invasive aquatic plants in freshwater

**Date Formally Received:** 20 May 2004

**Date Publicly Notified:** 31 May 2004

**Date Submissions Close:** 13 July 2004

**NON-NOTIFIED APPLICATIONS RECEIVED**

**Applicant:** Bayer New Zealand

**Application Code:** HSC04003

**Purpose:** To field test the substance BCS001-04 to assess the efficacy and phytotoxicity

**Date Formally Received:** 30 April 2004

**Applicant:** Bayer New Zealand

**Application Code:** HSC04004

**Purpose:** To field test the substance BCS002-04 to assess the efficacy and phytotoxicity

**Date Formally Received:** 03 May 2004

**Applicant:** Bayer New Zealand

**Application Code:** HSC04005

**Purpose:** To field test the substance BCS003-04 to assess the efficacy and phytotoxicity

**Date Formally Received:** 05 May 2004

**Applicant:** Koppers Arch Wood Protection (NZ) Limited

**Application Code:** HSR04018

**Purpose:** To obtain approval to manufacture Copper Naphthenate Formulations Type 5 and Type 6, for the preservation of timber

**Date Formally Received:** 12 May 2004

## DECISIONS ON APPLICATIONS

**Applicant:** Kop-Coat New Zealand Limited

**Application Code:** HSR02045

**Purpose:** To import Bazooka Sapstain and Mould Control Product for the control of sapstain, mould, mildew and decay during storage and seasoning of sawn and round timber because of the need for effective sapstain control for export and domestic protection

**Formally Received:** 26 November 2003

**Decision Notified:** 28 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Bazooka Sapstain and Mould Control Product

**Classification:** 3.1D flammable liquid, 6.1D acute inhalation toxicant, 6.1E acute oral and dermal toxicant, 6.3A skin irritant, 8.3A eye corrosive, 6.8B suspected developmental toxicant, 6.9B target organ systemic toxicant, 9.1A highly toxic to the aquatic environment, 9.3C toxic to terrestrial vertebrates.

**ERMA Approval Code:** HSR000117

### Controls:

Control Code <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>
<b>Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls</b>		
F6	60–70	Requirements to prevent unintended ignition of Bazooka Sapstain and Mould Control Product
F11	76	Segregation of incompatible substances
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T2	29, 30	Controlling exposure in places of work
T4, E6	7	Requirements for equipment used to handle Bazooka Sapstain and Mould Control Product
T5	8	Requirements for protective clothing and equipment
T7, E8, F2	8 of Classes 1 to 5 Controls Regulations and 10 of Classes 6, 8 and 9 Controls Regulations	Restrictions on the carriage of Bazooka Sapstain and Mould Control Product on passenger service vehicles
E1	32–45	Limiting exposure to ecotoxic substances
E5	5(2), 6	Requirements for keeping records of use
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I2	8	Priority identifiers for corrosive substances

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

2 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.

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

I3	9	Priority identifiers for ecotoxic substances
I5	11	Priority identifiers for flammable substances
I8	14	Priority identifiers for Bazooka Sapstain and Mould Control Product
I9	18	Secondary identifiers for all hazardous substances
I10	19	Secondary identifiers for corrosive 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
I20	36(8)	Durability of information for class 6.1 substances
I21	37–39, 47–50	Documentation required in places of work
I22	40	Specific documentation requirements for corrosive substances
I23	41	Specific documentation requirements for ecotoxic substances
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
<b>Hazardous Substances (Packaging) Regulations 2001<sup>4</sup></b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13, P14, P15	19–21	Packaging requirements for hazardous substances
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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D2	6	Disposal requirements for flammable substances
D4, D5	8 and 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

4 The Hazardous Substances (Packaging) Regulations do not apply when this substance is contained in containers of greater than 450 litres in volume.

Hazardous Substances (Emergency Management) Regulations 2001		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM2	8(a)	Information requirements for corrosive substances
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18, 20	Level 2 emergency management documentation requirements
EM9	17	Extra content 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 (Tank Wagons and Transportable Containers) Regulations 2004		
<p>These regulations apply where applicable, when Bazooka Sapstain and Mould Control Product is contained in a container of greater than 450 litres in volume. In particular, Part 6 of the Regulations apply.</p>		
Other controls (s77A(1))		
<p>Bazooka Sapstain and Mould Control Product shall only be used as an agent in the treatment of timber in specialised commercial and industrial timber treatment facilities, (section 77A(3)(a)).</p>		
<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, as applicable, (section 77A(3)(b)), 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, as applicable, (section 77A(3)(b)), 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, as applicable, (section 77A(3)(b)), notwithstanding clause (1)(1) of the schedule.</p>		

**Applicant:** Syngenta Crop Protection Limited

**Application Code:** HSR03046

**Purpose:** To gain approval under the HSNO Act for the import and release of the substance Proclaim, an insecticide for the control of insect pests in kiwifruit, apples and pears

**Formally Received:** 11 December 2003

**Decision Notified:** 03 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Proclaim

**Classification:** 6.1D acute oral toxicant, 6.9A target organ toxicant, 9.1A highly toxic to aquatic environment, 9.3C toxic to terrestrial vertebrates, 9.4A terrestrial invertebrate toxicant

**ERMA Approval Code:** HSR000110

## Controls:

Control Code <sup>5</sup>	Regulation <sup>6</sup>	Explanation <sup>7</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls</b>		
T1	11–27	Limiting exposure to toxic substances
T3, E5	5(1), 5(2), 6	Requirements for keeping records of use
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
E3	49	Controls relating to protection of terrestrial invertebrates eg beneficial insects
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36(1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
I8	14	Priority identifiers for certain toxic substances
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I16	25	Secondary identifiers for toxic substances
I17	26	Use of Generic Names
I18	27	Use of Concentration Ranges
I19	29–31	Alternative information in certain cases
I20	36(8)	Durability of information for class 6.1 substances
I21	37–39, 47–50	Documentation required in places of work
I23	41	Specific documentation requirements for ecotoxic substances
I28	46	Specific documentation requirements for toxic substances
I29	51–52	Duties of persons in charge of places with respect to signage
I30	53	Advertising toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7(1), 8	General packaging requirements
P3, P13, P15	9, 19, 21	Packaging requirements for Proclaim
PG3	Schedule 3	This schedule provides the test methods for packaging required to be tested in

<sup>5</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

<sup>6</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>7</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

	<b>accordance with this schedule. The tests in Schedule 3 correlate to the packaging requirements of UN Packing Group III (UN PGIII).</b>	
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
<b>D4, D5</b>	<b>8, 9</b>	<b>Disposal requirements for toxic substances</b>
<b>D6</b>	<b>10</b>	<b>Disposal requirements for packages</b>
<b>D7</b>	<b>11, 12</b>	<b>Disposal information requirements</b>
<b>D8</b>	<b>13, 14</b>	<b>Disposal documentation requirements</b>
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
<b>EM1</b>	<b>6, 7, 9–11</b>	<b>Level 1 emergency management information: General requirements</b>
<b>EM6</b>	<b>8(e)</b>	<b>Information requirements for toxic substances</b>
<b>EM7</b>	<b>8(f)</b>	<b>Information requirements for ecotoxic substances</b>
<b>EM8</b>	<b>12–16, 18–20</b>	<b>Level 2 emergency management information requirements</b>
<b>EM11</b>	<b>25–34</b>	<b>Level 3 emergency management requirements – emergency response plans</b>
<b>EM13</b>	<b>42</b>	<b>Level 3 emergency management requirements – signage</b>
<b>Additional Controls (section 77A)</b>		
<b>The following information shall be provided on the label, accessible within 10 seconds:</b>		
<b>A statement indicating the higher risk to estuarine environments and steps to be taken to avoid spray drift.</b>		

**Applicant: Landcare Research New Zealand Limited**

**Application Code: HSR03049**

**Purpose:** To manufacture a bait to control Argentine ants that contains fipronil (0.01%)

**Formally Received:** 27 November 2003

**Decision Notified:** 03 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** X-stinguish Argentine Ant Bait

**Classification:** 9.1A toxic to the aquatic environment, 9.4C toxic to terrestrial invertebrates

**ERMA Approval Code: HSR000111**

**Controls:**

<b>Control Code<sup>8</sup></b>	<b>Regulation<sup>9</sup></b>	<b>Explanation<sup>10</sup></b>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls</b>		
<b>E1</b>	<b>32–45</b>	<b>Limiting exposure to ecotoxic substances</b>
<b>E2</b>	<b>46–48</b>	<b>Restrictions on use within application area</b>

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

9 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.

10 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 eg beneficial insects
E5	5(2), 6	Requirements for keeping records of use
E6	7	Requirements for equipment used to handle X-stinguish Argentine Ant Bait
E8	10	Restrictions on the carriage of X-stinguish Argentine Ant Bait on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I23	41	Specific documentation requirements for ecotoxic substances
I29	51-52	Duties of persons in charge of places with respect to signage
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3, P15	9 and 21	Packaging requirements for ecotoxic substances
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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D5	9	Disposal requirements for ecotoxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management documentation requirements
EM11	25–34	Level 3 emergency management requirements – emergency response plans
EM13	42	Level 3 emergency management requirements – signage

**Applicant: Akzo Nobel Coatings Limited**

**Application Code: HSR03052**

**Purpose:** To import Interprime 880 a two pack epoxy primer for use on boats

**Formally Received:** 09 February 2004

**Decision Notified:** 28 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Interprime 880 (YPA884) and Interprime 880 (YPA883)

**Classification: Interprime 880 (YPA884)** 3.1B flammable liquid, 6.3B skin irritant, 6.4A eye irritant, 6.5A respiratory sensitizer, 6.5B contact sensitizer, 6.8A reproductive/developmental toxicant, 6.9B target organ systemic toxicant

**Interprime 880 (YPA883)** 3.1B flammable liquid, 6.1D acutely toxic, 6.3A skin irritant, 6.4A eye irritant, 6.5B contact sensitizer, 6.7B suspected human carcinogen, 6.8B reproductive/developmental toxicant, 6.9B target organ systemic toxicant, 9.1D ecotoxic to aquatic organisms

**ERMA Approval Code: HSR000115-6**

**Controls for Interprime 880 (YPA884):**

Control Code <sup>11</sup>	Regulation <sup>12</sup>	Explanation <sup>13</sup>
<b>Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls</b>		
F1	7	General test certification requirements for all class 1 to 5 substances
F3	55	General limits on flammable substances
F4	56	Certain flammable substances to be under the control of an approved handler
F5	58–59	Requirements regarding hazardous atmosphere zones for flammable gases (2.1.1) aerosols (2.1.2) and liquids (3.1)
F6	60–70	Requirements to prevent unintended ignition of flammable gases (2.1.1) aerosols (2.1.2) and 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 2.1.1, 2.1.2 or 3.1 substances are present
F16	83	Controls on transit depots where flammable substances are present
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T2	29, 30	Controlling exposure in places of work
T3	5(1), 6	Requirements for keeping records of use
T4	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment

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

12 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.

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

T7, F2	Regulation 10 (Classes 6 to 9 Controls) Regulations, Regulation 8 (Classes 1 to 5 Controls) Regulations	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I5	11	Priority identifiers for flammable substances
I9	18	Secondary identifiers for all hazardous 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
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
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P5, P13	11, 19	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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D2	6	Disposal requirements for flammable substances
D4	8	Disposal requirements for toxic substances
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements

EM6	8(e)	Information requirements for toxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM9	17	Extra content for flammable substances
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
<b>Hazardous Substances (Personnel Qualification) Regulations 2001</b>		
AH1	4–6	Approved Handler requirements (including test certificate and qualification requirements)
<b>Additional Controls (section 77A)</b>		
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.		

#### Controls for Interprime 880 (YPA883):

Control Code <sup>14</sup>	Regulation <sup>15</sup>	Explanation <sup>16</sup>
<b>Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls</b>		
F1	7	General test certification requirements for all class 1 to 5 substances
F3	55	General limits on flammable substances
F4	56	Certain flammable substances to be under the control of an approved handler
F5	58–59	Requirements regarding hazardous atmosphere zones for flammable gases (2.1.1) aerosols (2.1.2) and liquids (3.1)
F6	60–70	Requirements to prevent unintended ignition of flammable gases (2.1.1) aerosols (2.1.2) and 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 2.1.1, 2.1.2 or 3.1 substances are present
F16	83	Controls on transit depots where flammable substances are present
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls</b>		
T2	29, 30	Controlling exposure in places of work

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

15 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.

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

T4, E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7, E8, F2	Regulation 10 (Classes 6 to 9 Controls) Regulations, Regulation 8 (Classes 1 to 5 Controls)	Restrictions on the carriage of hazardous substances on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
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
I20	36(8)	Durability of information for class 6.1 substances
I21	37–39, 47–50	Documentation required in places of work
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 toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P5, P13	11, 19	Packaging requirements
PG2	Schedule 2	This schedule provides the test methods for packaging required to be tested in accordance with this schedule. The tests in Schedule 2 correlate to the packaging requirements of UN Packing Group II (UN PGII).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
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
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM9	17	Extra content for flammable substances
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
<b>Hazardous Substances (Personnel Qualification) Regulations 2001</b>		
AH1	4–6	Approved Handler requirements (including test certificate and qualification requirements)
<b>Additional Controls (section 77A)</b>		
<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: Koppers Arch Wood Protection (NZ) Limited**

**Application Code: HSR04003**

**Purpose:** To manufacture Tanalith<sup>®</sup> T, a timber preservative formulation for the treatment of framing timber for export to Australia. Tanalith<sup>®</sup> T triggers the hazardous thresholds for flammability (Class 3), toxicity (Class 6) and ecotoxicity (Class 9)

**Formally Received:** 28 January 2004

**Decision Notified:** 13 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Tanalith<sup>®</sup> T

**Classification:** 3.1D flammable, 6.1E acute oral toxicant (aspiration), 6.3A skin irritant, 6.5A, 6.5B respiratory and contact sensitizer, 9.1A highly toxic to aquatic environment, 9.4B terrestrial invertebrate toxicant

**ERMA Approval Code: HSR000113**

## Controls:

Control Code <sup>17</sup>	Regulation <sup>18</sup>	Explanation <sup>19</sup>
<b>Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls</b>		
F6	60–70	Requirements to prevent unintended ignition of flammable gases (2.1.1) aerosols (2.1.2) and liquids (3.1)
F11	76	Segregation of incompatible substances
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T2	29, 30	Controlling exposure in places of work
T4, E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7, E8	Regulation 10 (Classes 6, 8 and 9 Control Regulations)	Restrictions on the carriage of hazardous substances on passenger service vehicles
F2	Regulation 8 (Classes 1 to 5 Control Regulations)	
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic Property Controls</b>		
E1	32–45	Limiting exposure to ecotoxic substances
E3	49	Controls relating to protection of terrestrial invertebrates eg beneficial insects
E5	5(2), 6	Requirements for keeping records of use
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
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

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

18 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.

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

I19	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
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 toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13 and P15	19, 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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D2	6	Disposal requirements for flammable substances
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
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18, 20	Level 2 emergency management information requirements
EM9	17	Extra content for flammable substances
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
<b>Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004</b>		
Regulations 4 to 43 where applicable.		

The Hazardous Substances (Tank Wagon and Transportable Containers) Regulations 2004 shall be varied to the effect that all road tank-wagons, intended to carry Tanalith® T, shall have compartments designed and constructed to a size (water capacity, excluding ullage) no greater than 10,000 litres.

**Additional Controls (section 77A)**

Tanalith® T shall only be used in the preservation treatment of timber.

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.

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.

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.

**Applicant:** ORICA Chemnet

**Application Code:** HSR04004

**Purpose:** To manufacture and sell Reflux 7C as a cleaning additive

**Formally Received:** 03 February 2004

**Decision Notified:** 28 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Reflux 7C

**Classification:** 6.1E acute oral toxicant, 8.2B skin corrosive, 8.3A eye corrosive, 9.1B toxic to the aquatic environment

**ERMA Approval Code:** HSR000118

**Controls:**

Control code <sup>20</sup>	Regulation <sup>21</sup>	Explanation <sup>22</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Ecotoxic and Toxic Property Controls</b>		
T3	5(1), 6	Requirements for keeping records of use
T4, E6	7	Requirements for equipment used to handle Reflux 7C
T5	8	Requirements for protective clothing and equipment
T7, E8	10	Restrictions on the carriage of Reflux 7C on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I2	8	Priority identifiers for corrosive substances
I3	9	Priority identifiers for ecotoxic substances

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

21 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.

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

I18	14	Priority identifiers for toxic substances
I19	18	Secondary identifiers for all hazardous substances
I110	19	Secondary identifiers for corrosive substances
I111	20	Secondary identifiers for ecotoxic substances
I116	25	Secondary identifiers for toxic substances
I117	26	Use of Generic Names
I118	27	Use of Concentration Ranges
I119	29–31	Alternative information in certain cases
I21	37–39, 47–50	Documentation required in places of work
I22	40	Specific documentation requirements for corrosive substances
I23	41	Specific documentation requirements for ecotoxic substances
I28	46	Specific documentation requirements for toxic substances
I29	51–52	Duties of persons in charge of places with respect to signage
I30	53	Advertising corrosive and toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13, P14, P15	19, 20, 21	Packaging requirements for corrosive substances (class 8)
PG2	Schedule 2	This schedule provides the test methods for packaging required to be tested in accordance with this schedule. The tests in Schedule 2 correlate to the packaging requirements of UN Packing Group II (UN PGII).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8, 9	Disposal requirements for Reflux 7C
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM2, EM6	8(a), 8(e)	Information requirements for corrosive and 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
EM12	35–41	Level 3 emergency management requirements – secondary containment

EM13	42	Level 3 emergency management requirements – signage
Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004		
Regulations 4 to 43, where applicable		
Section 77A controls		
<p>Reflux 7C shall only be used as a cleaning agent in an industrial facility involved in the processing or manufacture of food, including but not limited to dairy produce, or beverage products (section 77A(3)(a)).</p> <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, as applicable, (section 77A(3)(b)), 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, as applicable, (section 77A(3)(b)), notwithstanding clause (1)(1) of the schedule.</p> <p>The Tankwagon Regulations shall be varied to the effect that all road tankwagons intended to carry Reflux 7C shall have compartments designed and constructed to a size (water capacity, excluding ullage) no greater than 10000 litres (Section 77A(3)(b)).</p>		

**Applicant:** Osmose New Zealand

**Application Code:** HSR04005

**Purpose:** To manufacture Cutrol 375, an antisapstain for the protection of sawn timber, roundwood or debarked logs during storage or transport

**Formally Received:** 04 February 2004

**Decision Notified:** 26 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Cutrol 375

**Classification:** 6.1D acute oral and inhalation toxicant, 8.2C skin corrosive, 8.3A eye corrosive, 6.5A respiratory sensitizer, 6.9A target organ systemic toxicant, 8.1 A metal corrosive, 9.1A highly toxic to aquatic environment, 9.3C terrestrial vertebrate ecotoxicant

**ERMA Approval Code:** HSR000114

**Controls:**

Control Code <sup>23</sup>	Regulation <sup>24</sup>	Explanation <sup>25</sup>
Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls		
T2	29, 30	Controlling exposure in places of work
T3, E5	5(1), 5(2), 6	Requirements for keeping records of use
T4, E6	7	Requirements for equipment used to handle hazardous substances
T5	8	Requirements for protective clothing and equipment
T7	10	Restrictions on the carriage of hazardous substances on passenger service vehicles

<sup>23</sup> Note: The numbering system used in this column relates to the coding system used in the ERMA New Zealand Controls Matrix. This links the hazard classification categories to the regulatory controls triggered by each category. It is available from the ERMA New Zealand website [www.ermanz.govt.nz/resources](http://www.ermanz.govt.nz/resources) and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

<sup>24</sup> These Regulations form the controls applicable to this substance. Refer to the cited Regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>25</sup> These explanations are for guidance only. Refer to the cited Regulations for the formal specification, and for definitions and exemptions.

<b>E1</b>	<b>32–45</b>	<b>Limiting exposure to ecotoxic substances</b>
<b>Hazardous Substances (Identification) Regulations 2001</b>		
<b>I1</b>	<b>6, 7, 32–35, 36 (1)–(7)</b>	<b>General identification requirements</b>
<b>I2</b>	<b>8</b>	<b>Priority identifiers for corrosive substances</b>
<b>I3</b>	<b>9</b>	<b>Priority identifiers for ecotoxic substances</b>
<b>I8</b>	<b>14</b>	<b>Priority identifiers for certain toxic substances</b>
<b>I9</b>	<b>18</b>	<b>Secondary identifiers for all hazardous substances</b>
<b>I10</b>	<b>19</b>	<b>Secondary identifiers for corrosive substances</b>
<b>I11</b>	<b>20</b>	<b>Secondary identifiers for ecotoxic substances</b>
<b>I16</b>	<b>25</b>	<b>Secondary identifiers for toxic substances</b>
<b>I17</b>	<b>26</b>	<b>Use of Generic Names</b>
<b>I18</b>	<b>27</b>	<b>Use of Concentration Ranges</b>
<b>I19</b>	<b>29–31</b>	<b>Alternative information in certain cases</b>
<b>I20</b>	<b>36(8)</b>	<b>Durability of information for class 6.1 substances</b>
<b>I21</b>	<b>37–39, 47–50</b>	<b>Documentation required in places of work</b>
<b>I22</b>	<b>40</b>	<b>Specific documentation requirements for corrosive substances</b>
<b>I23</b>	<b>41</b>	<b>Specific documentation requirements for ecotoxic substances</b>
<b>I28</b>	<b>46</b>	<b>Specific documentation requirements for toxic substances</b>
<b>I29</b>	<b>51–52</b>	<b>Duties of persons in charge of places with respect to signage</b>
<b>I30</b>	<b>53</b>	<b>Advertising corrosive and toxic substances</b>
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
<b>P1</b>	<b>5, 6, 7(1), 8</b>	<b>General packaging requirements</b>
<b>P3</b>	<b>9</b>	<b>Packaging requirements for substances packed in limited quantities</b>
<b>P13, P14, P15</b>	<b>19, 20, 21</b>	<b>Packaging requirements</b>
<b>PG3</b>	<b>Schedule 3</b>	<b>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).</b>
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
<b>D4, D5</b>	<b>8, 9</b>	<b>Disposal requirements for toxic and corrosive substances</b>
<b>D6</b>	<b>10</b>	<b>Disposal requirements for packages</b>
<b>D7</b>	<b>11, 12</b>	<b>Disposal information requirements</b>
<b>D8</b>	<b>13, 14</b>	<b>Disposal documentation requirements</b>

Hazardous Substances (Emergency Management) Regulations 2001		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM2	8(a)	Information requirements for corrosive substances
EM6	8(e)	Information requirements for toxic substances
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
Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004		
Regulations 4 to 43 where applicable.		
The Hazardous Substances (Tank Wagon and Transportable Containers) Regulations 2004 shall be varied to the effect that road tank-wagons, intended to carry Cutrol 375, shall have compartments designed and constructed to a size (water capacity, excluding ullage) no greater than 10,000 litres.		
Additional Controls (section 77A)		
Cutrol 375 shall only be used in the treatment of timber.		
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.		
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.		

## 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:** University of Auckland

**Application Code:** HSC03020

**Purpose:** To synthesise small amounts of chemicals within exempt laboratories in the Medicinal and Organic Chemistry Laboratories, Department of Chemistry, University of Auckland, for sale for research and development

**Formally Received:** 06 April 2004

**Decision Notified:** 18 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Generic substances represented by peramine

**ERMA Approval Code:** HSC000084

## Controls:

1. The facility (Medicinal and Organic Chemistry Laboratories, Department of Chemistry, University of Auckland) where the substances will be synthesised shall comply with the Hazardous Substances (Exempt Laboratories) Regulations 2001. Compliance with these regulations will cover the matters to be addressed by the containment controls for hazardous substances contained in Schedule 3, Part III, of the HSNO Act.
2. ERMA New Zealand shall be informed in writing prior to the manufacture of each substance. The substances are expected to trigger thresholds in classes 6 and 9, and may trigger thresholds in class 8. Sufficient will be known about each substance to demonstrate, to a reasonable level of certainty, that they;
  - will not trigger the HSNO threshold for explosiveness (HSNO Class 1)
  - will not trigger the HSNO threshold for the following subclasses and categories for flammability:

- HSNO subclasses 2.1.1A; 2.1.1B; 2.1.2A  
 HSNO subclasses 3.1A; 3.1B; 3.2A; 3.2B  
 HSNO subclasses 4.1.1A; 4.1.1B; 4.1.2A;  
 4.1.2B; 4.1.3A; 4.1.3B; 4.2A; 4.2B; 4.3A;  
 4.3B
- will not trigger the HSNO threshold for the following subclasses and categories for oxidising capacity:  
 HSNO subclasses 5.1.1A; 5.1.1B; 5.1.2A;  
 5.2A; 5.2B.
3. A maximum of 20 grams of each substance shall be manufactured.
  4. The substances may only be sold to research laboratories in New Zealand which comply with the Hazardous Substances (Exempt Laboratories) Regulations 2001, or to research laboratories overseas.
  5. All personnel carrying out the synthesis and packaging of the substances shall wear appropriate personal protective equipment.
  6. Handling of the substances shall be in accordance with good laboratory practice. Any spillage of the substances shall be cleaned up with appropriate absorbent material. The used absorbent material shall be securely packaged and retained in the facility prior to collection and disposal by an accredited chemical waste disposal company.
  7. The substances shall be stored in the facility until they are despatched to the purchaser. Only authorised personnel shall be allowed into the facility, which has access controlled by swipe card after hours.
  8. The substances shall each be packaged for transportation in a container within a container (secondary containment) and that secondary container shall be sufficient to control any release if the primary container should leak. The containers shall comply with the Hazardous Substances (Packaging) Regulations 2001, and shall be labelled in accordance with the Hazardous Substances (Identification) Regulations 2001. A Safety Data Sheet (for the substance where available or otherwise for a closely related substance) shall accompany each shipment.
  9. The substances shall be transported in accordance with good practice. This may require compliance with the Land Transport Rule: Dangerous Goods 1999.
  10. If for any reason a breach of containment occurs, the Hazards and Containment Manager, University of Auckland 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 of the contamination and the measures taken in response.
  11. The Authority or its authorised agent or properly authorised enforcement officers, may inspect the facility at any reasonable time.
  12. This approval remains in place for two years from the date on which the decision is signed. It will be extended for further two years periods, subject to the provision of a satisfactory audit by the Hazards and Containment Manager, University of Auckland to ERMA New Zealand prior to the conclusion of each two year period.

**Applicant: Elliott Chemicals Limited**

**Application Code: HSR03051**

**Purpose:** To import Carpovirusine, a substance containing Cydia pomonella granulosis virus, for the control of Codling moth on apples and pears

**Formally Received:** 05 April 2004

**Decision Notified:** 03 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Carpovirusine

**Classification:** 9.1D (biocide) and 6.5B (skin sensitiser)

**ERMA Approval Code: HSR000109**

## Controls:

Control code <sup>26</sup>	Regulation <sup>27</sup>	Explanation <sup>28</sup>
<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic Property Controls</b>		
T4, E6	7	Requirements for equipment used to handle Carpovirusine
T5	8	Requirements for protective clothing and equipment
T7, E8	10	Restrictions on the carriage of Carpovirusine on passenger service vehicles
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I9	18	Secondary identifiers for all hazardous substances
I11	20	Secondary identifiers for ecotoxic substances
I16	25	Secondary identifiers for toxic substances
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
I29	51–52	Duties of persons in charge of places with respect to signage
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements
P3	9	Packaging requirements for substances packed in limited quantities
P13	19	Packaging requirements for toxic substances
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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D4, D5	8 and 9	Disposal requirements for Carpovirusine
D6	10	Disposal requirements for packages
D7	11, 12	Disposal information requirements
D8	13, 14	Disposal documentation requirements
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements

<sup>26</sup> 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 ERMA New Zealand and is also contained in the *ERMA New Zealand User Guide to the Controls Regulations*.

<sup>27</sup> These regulations form the controls applicable to this substance. Refer to the cited regulations for the formal specification, and for definitions and exemptions. The accompanying explanation is intended for guidance only.

<sup>29</sup> These explanations are for guidance only. Refer to the cited regulations for the formal specification, and for definitions and exemptions.

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
EM12	35–41	Level 3 emergency management requirements – secondary containment
EM13	42	Level 3 emergency management requirements – signage

**Applicant:** Hempel's Marine Paints (Australia) Pty Limited

**Application Code:** HSR04012

**Purpose:** To import Hempel's Antifouling Globic(R) an antifouling paint containing cuprous oxide and a co-biocide, 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, to be applied to the hulls of ocean-going vessels by professional operators in dry docks

**Formally Received:** 21 April 2004

**Decision Notified:** 04 May 2004

**Decision:** Approved with Controls

**Identifier for Substance:** Hempel's Antifouling Globic®

**Classification:** 3.1C (flammable liquid), 6.1D (acute inhalational toxicant), 6.3B (skin irritant), 6.4A (eye irritant), 6.5B (dermal sensitiser), 6.8B (reproductive/developmental toxicant), 6.9B (target organ/systemic toxicant), 9.1A (aquatic ecotoxicant)

**ERMA Approval Code:** HSR000112

**Controls:**

Control Code <sup>29</sup>	Regulation <sup>30</sup>	Explanation <sup>31</sup>
<b>Hazardous Substances (Classes 1 to 5 Control Regulations) Regulations 2001 - Flammable Property Controls</b>		
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 gases (2.1.1) aerosols (2.1.2) and liquids (3.1)
F6	60–70	Requirements to prevent unintended ignition of flammable gases (2.1.1) aerosols (2.1.2) and 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

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

30 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.

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

<b>Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001 - Toxic and Ecotoxic Property Controls</b>		
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
F2, T7, E8	10 (Classes 6 to 9 Controls) Regulations, 8 (Classes 1 to 5 Controls) Regulations	Restrictions on the carriage of hazardous substances on passenger service vehicles
E1	32–45	Limiting exposure to ecotoxic substances
E5	5(2), 6	Requirements for keeping records of use
<b>Hazardous Substances (Identification) Regulations 2001</b>		
I1	6, 7, 32–35, 36 (1)–(7)	General identification requirements
I3	9	Priority identifiers for ecotoxic substances
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
I20	36(8)	Durability of information
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 toxic substances
<b>Hazardous Substances (Packaging) Regulations 2001</b>		
P1	5, 6, 7 (1), 8	General packaging requirements

P3	9	Packaging requirements for substances packed in limited quantities
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).
<b>Hazardous Substances (Disposal) Regulations 2001</b>		
D2	6	Disposal requirements for flammable substances
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
<b>Hazardous Substances (Emergency Management) Regulations 2001</b>		
EM1	6, 7, 9–11	Level 1 emergency management information: General requirements
EM6	8(e)	Information requirements for toxic substances
EM7	8(f)	Information requirements for ecotoxic substances
EM8	12–16, 18–20	Level 2 emergency management information requirements
EM9	17	Extra content for flammable substances
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
<b>Hazardous Substances (Tracking) Regulations 2001</b>		
TR1	4(1), 5, 6	General tracking requirements

**Applicant:** Koppers Arch Wood Protection (NZ) Limited

**Application Code:** HSR04017

**Purpose:** To obtain approval for manufacture of Copper Naphthenate Formulations Type 3 and Type 4, for the preservation of timber. These products are very similar to the reference substances, Copper Naphthenate Formulations Type One and Type Two, respectively

**Formally Received:** 29 April 2004

**Decision Notified:** 18 May 2004

**Decision:** Not approved under section 28A of the Hazardous Substances and New Organisms (HSNO) Act 1996

**Identifier for Substance:** Copper Naphthenate Formulations Type 3 and Type 4

## 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: Michael Haley**

**Region: Wellington**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000059**

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**Applicant: Gordon (Rex) Harrison**

**Region: Waikato**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000066**

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**Applicant: Alan Hitchiner**

**Region: Waikato**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000062**

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**Applicant: William Wanstall**

**Region: Taranaki**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000061**

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**Applicant: Blair Wilmshurst**

**Region: Bay of Plenty**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000057**

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**Applicant: William Graham Farquhar**

**Region: Auckland**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000064**

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**Applicant: Aaron Lelean**

**Region: Auckland**

**Decision: Approved with Limitations**

**Date of Approval: 02 April 2004**

**ERMA Approval Code: TST000065**

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**Applicant: David West**

**Region: Taranaki**

**Decision: Approved with Limitations**

**Date of Approval: 06 April 2004**

**ERMA Approval Code: TST000068**

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**Applicant: Eddie Biesiek**

**Region: Bay of Plenty**

**Decision: Approved with Limitations**

**Date of Approval: 15 April 2004**

**ERMA Approval Code: TST000069**

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**Applicant: John Hickey**

**Region: Wellington**

**Decision: Approved with Limitations**

**Date of Approval: 19 April 2004**

**ERMA Approval Code: TST000070**

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## **PUBLICATIONS UPDATE**

New publications from ERMA New Zealand. Visit our website at:  
[www.ermanz.govt.nz/resources/alphabetical.asp](http://www.ermanz.govt.nz/resources/alphabetical.asp)  
or contact Ingrid West on DDI : (04) 918 4826 for a copy.

### **New publications:**

- Scheduled Toxic Substances Dispatch May 2004
- Dangerous Goods Dispatch March 2004
- Decision Making - A Technical Guide to Identifying, Assessing and Evaluating Risks, Costs and Benefits March 2004

### **Revised publications:**

- Information Sheet No 07 - Genetically Modified Food and the HSNO Act
- Revised Schedule of Fees and Charges June 2004