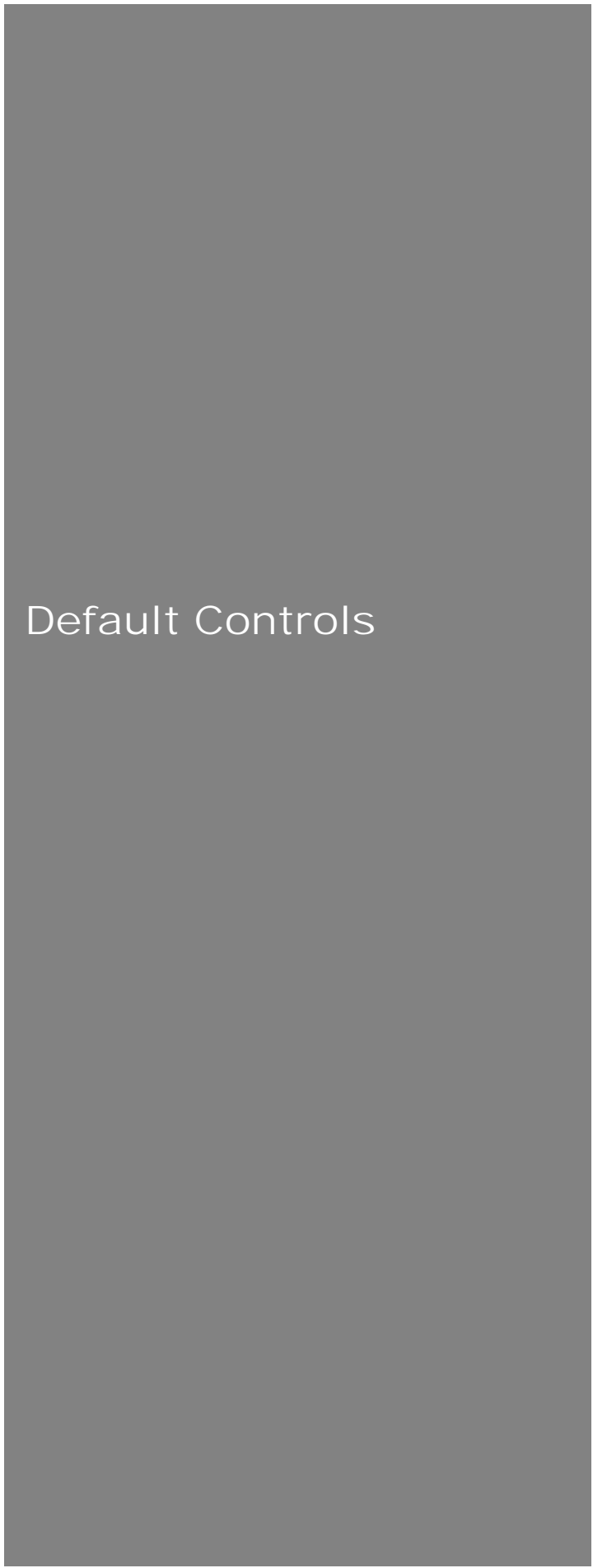


Section 3.4 Default Controls



## 1. Controls for 1080 and products containing 1080

The table below provides a summary of the classifications assigned by ERMA and the HSNO control codes which apply based on these classifications, for sodium fluoroacetate active (1080), soluble concentrate containing 200 g/litre 1080 and products containing 1080.

The control codes listed are referenced in ERMA New Zealand's Classifications and Controls Matrix (User Guide to the HSNO Control Regulations). Each code represents a particular provision from the HSNO regulations

Substance description	ERMA Classification	HSNO control codes based on ERMA Classification
<p><b>Sodium fluoroacetate</b> <b>CAS number 62-74-8</b></p> <p>HSNO Approval Number: HSR002771</p>	<p>6.1A 6.3B 6.4A 6.8A 6.9A 9.1A 9.3A 9.4A</p>	<p><b>Toxic</b> T1, T2, T4, T5, T6, T7, <b>Ecotoxic</b> E1, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG1, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Approved Handler and Tracking</b> AH1, TR1</p>
<p><b>Soluble concentrate containing 200 g/litre sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002427</p> <p>Includes the following trade name products: V002189 1080 Solution</p>	<p>6.1A 6.3B 6.4A 6.8A 6.9A 9.1A 9.3A 9.4B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E3, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG1, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM12, EM13, <b>Approved Handler and Tracking</b> AH1, TR1,</p>
<p><b>Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002422</p> <p>Includes the following trade name products: V003785 0.04% 1080 Pellets V000825 0.06% 1080 Pellets V002829 0.08% 1080 Pellets V009015 0.08% 1080 Rodent Pellets</p>	<p>6.1C 9.3B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E6, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG3, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>

Substance description	ERMA Classification	HSNO control codes based on ERMA Classification
<p><b>Pellets containing 1.0 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002423</p> <p>Includes the following trade name product: V004107 0.01% 1080 Feral cat bait</p>	<p>6.1C 6.8A 9.1D 9.3B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E6, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG3, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>
<p><b>Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002424</p> <p>Includes the following trade name products: V002538 0.2% 1080 Pellets V002848 0.15% 1080 Pellets</p>	<p>6.1B 6.8A 9.1D 9.3A</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG2, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Approved Handler and Tracking</b> AH1, TR1,</p>
<p><b>Gel containing 1.5 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002419</p> <p>Includes the following trade name product: V005377 No Possums 1080 Gel Bait</p>	<p>6.1B 6.5B 6.8A 9.1D 9.3A</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG2, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>
<p><b>Gel containing 50 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002418</p> <p>Includes the following trade name product: V003623 5% 1080 Gel</p>	<p>6.1A 6.8A 6.9B 9.1D 9.3A 9.4B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E3, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG1, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>

Substance description	ERMA Classification	HSNO control codes based on ERMA Classification
<p><b>Gel containing 100 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002426</p> <p>Includes the following trade name product: V002554 10% 1080 Gel</p>	<p>6.1A 6.3B 6.4A 6.8A 6.9A 9.1A 9.3A 9.4B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E3, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG1, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>
<p><b>Paste containing 0.6 – 0.8 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002420</p> <p>Includes the following trade name products: V004811 Pestoff Professional 1080 Possum Paste 0.06% V004812 Pestoff Professional 1080 Possum Paste 0.08%</p>	<p>6.1C 9.3B</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E6, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG3, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>
<p><b>Paste containing 1.5 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002421</p> <p>Includes the following trade name product: V004918 Pestoff Professional 1080 Possum Paste 0.15%</p>	<p>6.1B 6.8A 9.1D 9.3A</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG2, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>
<p><b>Paste containing 10 g/kg sodium fluoroacetate</b></p> <p>HSNO Approval Number: HSR002425</p> <p>Includes the following trade name product: P003660 1.0% 1080 Wasp Paste</p>	<p>6.1B 6.8A 6.9B 9.1D 9.3A 9.4C</p>	<p><b>Toxic</b> T1, T2, T3, T4, T5, T6, T7, T8, <b>Ecotoxic</b> E1, E2, E3, E4, E5, E6, E7, <b>Identification</b> I1, I3, I8, I9, I11, I16, I17, I18, I19, I20, I21, I23, I28, I29, I30, <b>Packaging and Packing Group</b> P1, P3, P13, PG1, <b>Disposal</b> D4, D5, D6, D7, D8, <b>Emergency Management</b> EM1, EM6, EM7, EM8, EM11, EM13, <b>Tracking and Approved Handler</b> AH1, TR1,</p>

## 2. Controls (based on HSNO classifications)

The controls applying to the above substances are given in the following regulations and gazette notices:

- *Hazardous Substances (Classes 6, 8 and 9 Controls) Regulations 2001* – controls to manage the toxic (Class 6), corrosive (Class 8) and ecotoxic (Class 9) properties of a substance, including exposure limits.
- *Hazardous Substances (Identification) Regulations 2001* – effectively these are the requirements for labeling, material safety data sheets (MSDS) and workplace information requirements, and also advertising
- *Hazardous Substances (Packaging) Regulations 2001* – the standards for packaging for specific hazard classes
- *Hazardous Substances (Disposal) Regulations 2001* – information that must be provided in relation to disposal of specific classes of hazard substance and packaging
- *Hazardous Substances (Emergency Management) Regulations 2001* – specifies the information requirements for the suppliers and people in charge of places. The requirements are set on the basis of the quantities of specific hazard classes on a site, with higher-level requirements for larger quantities and the higher hazard substances.
- *Hazardous Substances (Tracking) Regulations 2001* – identifies which classes of hazardous substance have to be under the control of an approved handler, and what records must be kept and for how long
- *Hazardous Substances (Personnel Qualifications) Regulations 2001* – sets out the requirements for test certificates for approved handlers, and qualifications for enforcement officers. This regulation also specifies the transitional arrangements for existing license holders.
- Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004
- Hazardous Substances (Sodium Fluoroacetate) Transfer Notice 2005.
- Hazardous Substances (Sodium Fluoroacetate) (Amendment) Transfer Notice 2006.
- Hazardous Substances (Chemicals) Transfer Notice 2006
- The following section provides a summary description of the controls triggered by the above hazard classifications and provides reference to the relevant HSNO Regulation and clause numbers. These controls apply to the active ingredient and all substances containing 1080. Where a control has been changed from that set out in the regulations, this is indicated by an asterisk (\*) next to the control code.

**Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001**

Code T1	Regs 11 – 27	Limiting exposure to toxic substances through the setting of TELs
Code T2	Regs 29, 30	Controlling exposure in places of work through the setting of WESs.
Code T3	Regs 5(1), 6	Requirements for keeping records of use
Code T4	Reg 7	Requirements for equipment used to handle substances
Code T5	Reg 8	Requirements for protective clothing and equipment
Code T6*	Reg 9	Approved handler/security requirements for certain toxic substances
Code T7	Reg 10	Restrictions on the carriage of toxic or corrosive substances on passenger service vehicles
Code T8*	Reg 28	Controls for vertebrate poisons
Code E1	Regs 32 – 45	Limiting exposure to ecotoxic substances through the setting of EELs
Code E2*	Regs 46 – 48	Restrictions on use of substances in application areas
Code E3	Reg 49	Controls relating to protection of terrestrial invertebrates eg beneficial insects
Code E4*	Regs 50, 51	Controls relating to protection of terrestrial vertebrates
Code E5	Regs 5(2), 6	Requirements for keeping records of use
Code E6	Reg 7	Requirements for equipment used to handle substances
Code E7*	Reg 9	Approved handler/security requirements for certain ecotoxic substances

**Hazardous Substances (Packaging) Regulations 2001**

Code P1	Regs 5, 6, 7(1), 8	General packaging requirements
Code P3	Reg 9	Criteria that allow substances to be packaged to a standard not meeting Packing Group I, II or III criteria
Code P13*	Reg 19	Packaging requirements for toxic substances
Code PG1	Schedule 1	Packaging requirements equivalent to UN Packing Group I
Code PG2	Schedule 2	Packaging requirements equivalent to UN Packing Group II

**Hazardous Substances (Disposal) Regulations 2001**

Code D4	Reg 8	Disposal requirements for toxic and corrosive substances
Code D5	Reg 9	Disposal requirements for ecotoxic substances
Code D6	Reg 10	Disposal requirements for packages
Code D7	Regs 11, 12	Information requirements for manufacturers, importers and suppliers, and persons in charge
Code D8	Regs 13, 14	Documentation requirements for manufacturers, importers and suppliers, and persons in charge

**Hazardous Substances (Personnel Qualifications) Regulations 2001**

Code AH1	Regs 4 – 6	Approved Handler requirements (including test certificate and qualification requirements)
----------	------------	---

**Hazardous Substances (Tracking) Regulations 2001**

Code TR1*	Regs 4(1), 5, 6	General tracking requirements
-----------	-----------------	-------------------------------

**Hazardous Substances (Emergency Management) Regulations 2001**

Code EM1	Regs 6, 7, 9 – 11	Level 1 information requirements for suppliers and persons in charge
Code EM6	Reg 8(e)	Information requirements for toxic substances
Code EM7	Reg 8(f)	Information requirements for ecotoxic substances

Code EM8	Regs 12 – 16, 18 – 20	Level 2 information requirements for suppliers and persons in charge
Code EM11	Regs 25 – 34	Level 3 emergency management requirements: duties of person in charge, emergency response plans
Code EM12	Regs 35-41	Level 3 emergency management requirements: secondary containment
Code EM13	Reg 42	Level 3 emergency management requirements: signage

**Hazardous Substances (Identification) Regulations 2001**

Code I1	Regs 6, 7, 32 – 35, 36(1) – (7)	Identification requirements, duties of persons in charge, accessibility, comprehensibility, clarity and durability
Code I3	Reg 9	Priority identifiers for ecotoxic substances
Code I8	Reg 14	Priority identifiers for toxic substances
Code I9	Reg 18	Secondary identifiers for all hazardous substances
Code I11	Reg 20	Secondary identifiers for ecotoxic substances
Code I16	Reg 25	Secondary identifiers for toxic substances
Code I17	Reg 26	Use of generic names
Code I18	Reg 27	Requirements for using concentration ranges
Code I19	Regs 29 – 31	Additional information requirements, including situations where substances are in multiple packaging
Code I20	Reg 36(8)	Durability of information for class 6.1 substances
Code I21	Regs 37 – 39, 47 – 50	General documentation requirements
Code I23	Reg 41	Specific documentation requirements for ecotoxic substances
Code I28	Reg 46	Specific documentation requirements for toxic substances
Code I29	Regs 51, 52	Signage requirements
Code I30	Reg 53	Advertising corrosive and toxic substances

## 3. Controls

This section sets out a more detailed explanation of the controls .

### 3.1 HSNO Hazardous Property Controls

Hazardous property controls are designed to manage the hazards arising from a substance's intrinsic hazardous properties, reduce the likelihood of unintended occurrence of the hazard, and to limit the adverse effects arising from exposure to the hazard. The substances covered by this application for reassessment have toxic and ecotoxic properties.

Control Codes <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>
<b>Toxic</b>	<b>Classes 6, 8 and 9 Controls</b>	
T1	Regs 11 – 27	<p><b>Limiting exposure to toxic substances</b></p> <p>This control relates to limiting peoples exposure to toxic substances through the setting of tolerable exposure limits (TELs). A TEL represents the maximum concentration of a substance legally allowable in a particular environmental medium. TELs are established by the Authority and are enforceable controls under the HSNO Act.</p> <p><b>Tolerable exposure limit for sodium fluoroacetate</b></p> <p>The following tolerable exposure limit (TEL) is set for sodium fluoroacetate and each product containing sodium fluoroacetate. The limit is for sodium fluoroacetate when it is a component of a substance, and is expressed as an amount of sodium fluoroacetate per unit volume of water.</p> <p>TEL<sub>water</sub> = 0.0035 mg /litre</p>
T2	Regs 29, 30	<p><b>Controlling exposure in places of work</b></p> <p>This control relates to the setting of workplace exposure standards (WES).</p> <p><b>Workplace Exposure Standards</b></p> <p>Under regulation 29(2) of the Hazardous Substance (Classes 6, 8, and 9 Controls) Regulations 2001, the Authority adopts as a workplace exposure standard for this substance, and each component of this substance, the value or values specified in the document described in "Workplace Exposure Standards", published by the Occupational Safety and Health Service, Department of Labour, January 2002, ISBN 0-477-03660-0. Also available at <a href="http://www.osh.govt.nz/order/catalogue/pdf/wes2002.pdf">www.osh.govt.nz/order/catalogue/pdf/wes2002.pdf</a>.</p> <p><b>Workplace exposure Standard for sodium fluoroacetate</b></p> <p>The New Zealand Workplace Exposure Standard listed in the document "Workplace Exposure Standards" published by the Department of Labour, January 2002, has been adopted by the Authority:</p> <p>8-hour TWA for 1080 = 0.05 mg/m<sup>3</sup> (skin)</p>
T3	Regs 5(1), 6	<p><b>Requirements for keeping records of use</b></p> <p>A written record must be kept each time the substance is used in an area where members of the public may be present, or where the substance may enter air or water. The record must be kept for a minimum of 3 years following the use and must be made available to an enforcement officer on request</p>
T4	Reg 7	<p><b>Requirements for equipment used to handle substances</b></p> <p>Any equipment used to handle hazardous substances must retain and/or dispense the substance in the manner intended, i.e., without leakage, and must be</p>

<sup>1</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>2</sup> These regulations outline the controls applicable to controlled vertebrate poisons, and should be referred to for the formal specification, definitions and exemptions.

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



Control Codes <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>
		accompanied by sufficient information so that this can be achieved.
T5	Reg 8	<p><b>Requirements for protective clothing and equipment</b></p> <p>Protective clothing/equipment must be used whenever hazardous substances are being handled. The clothing/equipment must be designed, constructed and operated to ensure that the person does not come into contact with the substance.</p> <p>People using protective clothing/equipment must have access to information specifying how the clothing or equipment may be used, and the requirements for maintaining the clothing/equipment.</p>
T6*	Reg 9 (Gazette Notice, Schedule 2,) and Reg 9A (subsequent Amendment to Gazette Notice, Schedule 2)	<p><b>Approved handler requirements</b></p> <p>Substances classified as 6.1A, B or C acutely toxic; 6.7A carcinogens; 8.2A skin corrosives; and any Class 9A are generally required to be under the personal control of an approved handler at all times, or locked up. However, these substances may be handled by a person who is not an approved handler if:</p> <ul style="list-style-type: none"> <li>• an approved handler is present at the place where the substance is being handled, and</li> <li>• the approved handler has provided guidance to the person in respect of handling, and</li> <li>• the approved handler is available at all times to provide assistance if necessary.</li> </ul> <p>Regulation 9A of Schedule 2 of the Gazette Notice applies:</p> <p><b>9A Exception to approved handler requirements for transportation of packaged substances</b></p> <p>(1) Regulation 9 is deemed complied with if—</p> <p>(a) in the case of a hazardous substance being transported on land—</p> <p>(i) in the case of a hazardous substance that is being transported by rail, the person who drives the rail vehicle that is transporting the substance is fully trained in accordance with an approved safety system under section 6D of the Transport Services Licensing Act 1989 or a safety system which is referred to in an approved safety case under the Railways Act 2005; and</p> <p>(ii) in every other case, the person who drives, loads, and unloads the vehicle that is transporting the substance—</p> <p>(A) for hire or reward, or in quantities which exceed those set out in Schedule 1 of the Land Transport Rule 45001/1: Dangerous Goods 2005, has a current dangerous goods endorsement on his or her drivers licence; or</p> <p>(B) in every other case, the Land Transport Rule 45001/1: Dangerous Goods 2005 is complied with; or</p> <p>(b) in the case of a hazardous substance being transported by sea, one of the following is complied with:</p> <p>(i) Maritime Rules: Part 24A – Carriage of Cargoes – Dangerous Goods (MR024A):</p> <p>(ii) International Maritime Dangerous Goods Code; or</p> <p>(c) in the case of a hazardous substance being transported by air, Part 92 of the Civil Aviation Rules is complied with.</p> <p>(2) Subclause (1)(a)—</p> <p>(a) does not apply to a tank wagon or transportable container to which the Hazardous Substances (Tank Wagons and Transportable Containers) Regulations 2004 applies; but</p> <p>(b) despite paragraph (a), does apply to an intermediate bulk container that complies with chapter 6.5 of the UN Model Regulations.</p> <p>(3) Subclause (1)(c)—</p> <p>(a) applies to—</p> <p>(i) pilots, aircrew, and airline ground personnel loading and</p>

Control Codes <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>
		<p>handling hazardous substances within an aerodrome; or</p> <p>(ii) pilots for the purpose of aerial spraying and dropping; but</p> <p>(b) does not apply to—</p> <p>(i) the storage and handling of a hazardous substance in any place that is not within an aerodrome, or within an aerodrome by non-airline ground personnel; or</p> <p>(ii) the loading and handling of any hazardous substance for the purpose of aerial spraying or dropping.</p> <p>(4) In this regulation, <b>UN Model Regulations</b> means the 14<sup>th</sup> revised edition of the Recommendation on the Transport of Dangerous Goods Model Regulations, published in 2005 by the United Nations.</p>
T7	Reg 10	<p><b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b></p> <p>No substance with a classification of 6.1A may be carried on public transport.</p> <p>The maximum quantity (per package) of other hazardous substances include:</p> <p>6.1B 0.5 kg.</p> <p>6.1C 3 kg solid, 1 L liquid</p> <p>6.1D 10 kg solid, 10 L liquid</p> <p>Any class 9, 5 kg solid, 5 L liquid</p>
T8*	Reg 28	<p><b>Controls for vertebrate poisons</b></p> <p><b>Regulation 28 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001</b></p> <p>Subclauses (2), (3)(d), (4) and (5) are replaced with:</p> <p>(2) A person in charge of the substance must ensure that signs are erected at every normal point of entry to the place where the substance is to be applied or laid before the substance is applied or laid.</p> <p>(3)(d) [The signs must] comply with regulations 34 and 35 of the Hazardous Substances (Identification) Regulations 2001, except that regulation 35 applies as follows:</p> <p>(i) in relation to the information required to be included on the signs by paragraphs 28(3)(a) and (c) [of the Classes 6, 8, and 9 Controls Regulations], as if the distances referred to in regulation 35(3)(c) of the Identification Regulations were a distance of not less than 2 metres, and:</p> <p>(ii) in relation to the information required to be included on the signs by paragraph 28(3)(b) [of the Classes 6, 8, and 9 Controls Regulations] as if the distances referred to in regulation 35(3)(c) of the Identification Regulations were a distance of not less than 10 metres.</p> <p>(4) The signs must remain until the earlier of—</p> <p>(a) when the substance is no longer toxic; or</p> <p>(b) when the substance has been retrieved from the place; or</p> <p>(5) Signs must be removed at the later of—</p> <p>(a) when they are no longer required to remain under subclause (4); or</p> <p>(b) in the case of signs that include information to which a legal obligation applies that requires the signs to remain in place for a longer period of time, the expiry of that longer period of time.</p>
<b>Ecotoxic</b>	<b>Classes 6, 8 and 9 Controls</b>	
E1	Regs 32 – 45	<p><b>Limiting exposure to ecotoxic substances</b></p> <p>This control relates to the setting of environmental exposure limits (EELs). An EEL establishes the maximum concentration of an ecotoxic substance legally allowable in a particular environmental medium (e.g. soil or water), including deposition of a substance onto surfaces e.g. as in spray drift deposition.</p> <p>No environmental exposure limits have been set for these substances at this time and the default EELs given under regulation 32 have been deleted.</p>

Control Codes <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>						
E2*	Regs 46 – 48	<p><b>Restrictions on use within application area</b></p> <p>Regulation 46 defines what “application area” means</p> <p>Regulation 47 indicates that an EEL does not apply within an application area where the application rate is not exceeded</p> <p>Regulations 46 – 47 apply to all substances</p> <p>Regulation 48 (as amended in the Gazette Notice) states that the Authority may set an application rate for a substance that is designed for biocidal action if an environmental exposure limit has been set for the substance. This change gives the Authority discretion on whether or not to set an application rate. No application rate is set for the ground-based application of substances containing sodium fluoroacetate.</p> <p><b>Interpretation</b></p> <p><b>application</b> means dropping, spreading, spraying, laying as bait, dusting, sprinkling, wiping, placing, or pouring the substance on ground or vegetation, and <b>apply</b> has a corresponding meaning.</p> <p><b>contained ground-based application</b> means application of a hazardous substance—</p> <p>(a) in a bait station, or bait bag, or other container that is fixed to an object; or</p> <p>(b) so that it is contained in some other way, such as in a pipe or burrow.</p> <p><b>ground-based application</b> means application from the ground, and includes contained ground-based application</p> <p><b>Application rates for aerial application</b></p> <p>The following table specifies the application rate for <u>aerial</u> application of the substances specified in column 1. The application rate specified in column 2 is for each substance specified in column 1.</p> <table border="1" data-bbox="576 1122 1378 1406"> <thead> <tr> <th data-bbox="576 1122 1007 1160">Column 1</th> <th data-bbox="1011 1122 1378 1160">Column 2</th> </tr> </thead> <tbody> <tr> <td data-bbox="576 1160 1007 1198">Substance</td> <td data-bbox="1011 1160 1378 1198">Application rate</td> </tr> <tr> <td data-bbox="576 1198 1007 1406">                     Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate                      Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate                      Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)                 </td> <td data-bbox="1011 1198 1378 1406">                     For aerial application only:                      Not exceeding 30 g sodium fluoroacetate/hectare                 </td> </tr> </tbody> </table>	Column 1	Column 2	Substance	Application rate	Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)	For aerial application only: Not exceeding 30 g sodium fluoroacetate/hectare
Column 1	Column 2							
Substance	Application rate							
Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)	For aerial application only: Not exceeding 30 g sodium fluoroacetate/hectare							
E3	Reg 49	<p><b>Controls relating to protection of terrestrial invertebrates</b></p> <p>This control relates to restricting the use of a substance so that it is not used in situations where it poses a high risk to terrestrial invertebrates.</p> <p>Consequently, substances which have a classification of 9.4 Toxic to terrestrial invertebrates must not be used -</p> <ul style="list-style-type: none"> <li>• in an area where bees are foraging and the substance is in a form in which bees are likely to be exposed to it; or</li> <li>• on specific plants likely to be visited by bees if the plant is in open flower or part bloom, or is likely to flower within a specified period of time following application of the substance (not longer than 10 days).</li> </ul> <p><i>The Authority considers that while the current products are not formulated in such a way that bees are likely to be exposed to the substance, the regulation still applies, i.e. should not be deleted. The intent is that if formulations were changed to include substance attractive to bees, then the regulation would take effect.</i></p>						
E4*	Regs 50, 51	<p><b>Controls relating to protection of terrestrial vertebrates</b></p> <p>Regulation 50 applies to Class 9.3 substances in granular form or coated on seed and has been deleted for 1080.</p> <p>Regulation 51 applies to the use of Class 9.3 substances as baits for vertebrate control when used outdoors and allows the Authority to specify one or more of: the colour of the bait, method of application; repellents or attractants.</p>						

Control Codes <sup>1</sup>	Regulation <sup>2</sup>	Explanation <sup>3</sup>												
		<p><b>Schedule 6 of the Hazardous Substances (Sodium Fluoroacetate) Transfer Notice 2005</b> also applies:</p> <p><b>Methods of release and colours</b></p> <p>The following table specifies for each substance specified in column 1—</p> <p>(a) the method or methods of release specified in column 2 for the substance; and</p> <p>(b) a colour specified in column 3 for the substance.</p> <table border="1" data-bbox="574 622 1399 1348"> <thead> <tr> <th data-bbox="580 631 900 663">Column 1</th> <th data-bbox="906 631 1190 663">Column 2</th> <th data-bbox="1197 631 1393 663">Column 3</th> </tr> <tr> <th data-bbox="580 667 900 698">Substance</th> <th data-bbox="906 667 1190 698">Method(s) of release</th> <th data-bbox="1197 667 1393 698">Colours</th> </tr> </thead> <tbody> <tr> <td data-bbox="580 703 900 931">                     Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate                      Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate                      Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)                 </td> <td data-bbox="906 703 1190 931">                     Aerial application or ground-based application                 </td> <td data-bbox="1197 703 1393 931">                     Blue or green                 </td> </tr> <tr> <td data-bbox="580 936 900 1348">                     Paste containing 0.6 – 0.8 g/kg sodium fluoroacetate                      Paste containing 1.5 g/kg sodium fluoroacetate                      Pellets containing 1.0 g/kg sodium fluoroacetate                      Paste containing 10 g/kg sodium fluoroacetate                      Gel containing 1.5 g/kg sodium fluoroacetate                      Gel containing 50 g/kg sodium fluoroacetate                      Gel containing 100 g/kg sodium fluoroacetate                 </td> <td data-bbox="906 936 1190 1348">                     Ground-based application                 </td> <td data-bbox="1197 936 1393 1348">                     Blue or green                 </td> </tr> </tbody> </table>	Column 1	Column 2	Column 3	Substance	Method(s) of release	Colours	Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)	Aerial application or ground-based application	Blue or green	Paste containing 0.6 – 0.8 g/kg sodium fluoroacetate Paste containing 1.5 g/kg sodium fluoroacetate Pellets containing 1.0 g/kg sodium fluoroacetate Paste containing 10 g/kg sodium fluoroacetate Gel containing 1.5 g/kg sodium fluoroacetate Gel containing 50 g/kg sodium fluoroacetate Gel containing 100 g/kg sodium fluoroacetate	Ground-based application	Blue or green
Column 1	Column 2	Column 3												
Substance	Method(s) of release	Colours												
Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)	Aerial application or ground-based application	Blue or green												
Paste containing 0.6 – 0.8 g/kg sodium fluoroacetate Paste containing 1.5 g/kg sodium fluoroacetate Pellets containing 1.0 g/kg sodium fluoroacetate Paste containing 10 g/kg sodium fluoroacetate Gel containing 1.5 g/kg sodium fluoroacetate Gel containing 50 g/kg sodium fluoroacetate Gel containing 100 g/kg sodium fluoroacetate	Ground-based application	Blue or green												
E5 same as T3	Regs 5(2), 6	<b>Requirements for keeping records of use</b>												
E6 same as T4	Reg 7	<b>Requirements for equipment used to handle substances</b>												
E7* same as T6	Reg 9	<b>Approved handler requirements</b>												
E8 same as T7	Reg 10	<b>Restrictions on the carriage of hazardous substances on passenger service vehicles</b>												

### 3.2 HSNO Lifecycle controls

HSNO lifecycle controls focus on the lifecycle management of the substances and cover packaging, identification, emergency management, disposal, tracking, and competency of person handling highly hazardous substances (approved handlers).

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
<b>Identification</b>	<b>Identification</b>	
11	Regs 6, 7, 32–35, 36(1) – (7)	<p>These controls prescribe the requirements with regard to identification of hazardous substances in terms of information that must be “immediately available” with the substance (this is generally provided by way of the product label), documentation on the substance that must be available in the workplace, and signage at places where there is large quantities of the substance.</p> <p>There are specific requirements relating to persons the duties of suppliers and in charge of hazardous substances with respect to identification (essentially labelling) (regs 6 and 7), accessibility of the required information (reg 33) and presentation of the required information with respect to comprehensibility, clarity and durability (regs 34, 35, 36(1)-(7)).</p> <p><b>Regulation 6 – Identification duties of suppliers</b> Suppliers of a substance must ensure it is identified (e.g. by a label) as required by regulations 9 and 14 (priority identifiers for ecotoxic and toxic substances), and regulations 18, 20 and 25 (secondary identifiers for ecotoxic and toxic substances) of the Identification regulations (see below) before supplying it to any other person (see below) before supplying it to any other person.</p> <p><b>Regulation 7 – Identification duties of persons in charge</b> Any persons in charge of a substance must ensure that it is labelled as required by regulations 9 and 14 (priority identifiers for ecotoxic and toxic substances), and regulations 18, 20 and 25 (secondary identifiers for ecotoxic and toxic substances) of the Identification regulations (see below), and that this information is available to a person handling the substance within ten seconds (regulation 33).</p> <p><b>Regulations 32 and 33</b> Information required by regulations 9 and 14 (priority identifiers) must be available within two seconds, e.g. on the label Information required by 18, 20 and 25 (secondary identifiers) must be available within ten seconds, e.g. on the label.</p> <p><b>Regulations 34, 35, 36(1)-(7) – Comprehensibility, Clarity and Durability of information</b> The information required by regulations 9, 14, 18, 19, 20 and 25 must be presented in a way that meets the performance standards in these regulations. In summary; the information provided must be readily understandable and any written information must be in English, the information must be able to be easily read or perceived under normal lighting conditions and (in the case of packages of &gt;5 kg) at a distance of not less than 0.5m, and these requirements must continue to be met throughout the lifetime of the (packaged) substance under the normal conditions of storage, handling and use.</p>
13	Reg 9	<p><b>Priority identifiers for ecotoxic substances</b></p> <p>This requirement specifies that ecotoxic substances must be prominently identified as being ecotoxic. This information must be available to any person handling the substance within two seconds and can be provided by way of signal headings or commonly understood pictograms on the label.</p>

<sup>4</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>5</sup> These regulations outline the controls applicable to controlled vertebrate poisons, and should be referred to for the formal specification, definitions and exemptions.

<sup>6</sup> These explanations are for guidance only. Refer to the cited regulations for the formal specification, and for definitions and exemptions.

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
18	Reg 14	<p><b>Priority identifiers for toxic substances</b></p> <p>This requirement specifies that toxic substances must be prominently identified as being toxic. In addition, information must be provided on the general degree and type of hazard of the substance (e.g. highly poisonous), and the need to restrict access to children. This information must be available to any person handling the substance within two seconds and can be provided by way of signal headings or commonly understood pictograms on the label.</p>
19	Reg 18	<p><b>Secondary identifiers for all hazardous substance</b></p> <p>This control relates to detail required on the product label of a substance. This is information that must be accessible within 10 seconds (reg. 33) and could be provided on secondary panels on the product label. The required information in the case of this substance would be:</p> <ul style="list-style-type: none"> <li>• an indication (which may include its common name, chemical name, or registered trade name) that unequivocally identifies it, and</li> <li>• enough information to enable its New Zealand importer, supplier, or manufacturer to be contacted, either in person or by telephone.</li> </ul>
111	Reg 20	<p><b>Secondary identifiers for ecotoxic substances</b></p> <p>This control relates to the additional label detail required for ecotoxic substances. This is information that must be accessible within 10 seconds (reg. 33) and could be provided on secondary panels on the product label. The required information is:</p> <ul style="list-style-type: none"> <li>• an indication of the circumstances in which it may harm living organisms</li> <li>• an indication of the kind and extent of the harm it is likely to cause to living organisms</li> <li>• an indication of the steps to be taken to prevent harm to living organisms</li> <li>• an indication of the substance's toxicity to: aquatic life (9.1); the soil environment (9.2); terrestrial vertebrates (9.3); and terrestrial invertebrates (9.4) as appropriate to the substance.</li> </ul> <p>These requirements could be addressed by statements on the label with respect to its action against both target and non-target organisms and the method of application used to avoid exposure to non-target organisms. A statement should be included warning against incorrect disposal of substances.</p>
116	Reg 25	<p><b>Secondary identifiers for toxic substances</b></p> <p>This control relates to the additional label detail required for toxic substances. This is information that must be accessible within 10 seconds (reg. 33) and could be provided on secondary panels on the product label. The required information is:</p> <ul style="list-style-type: none"> <li>• an indication of its general degree and type of (toxic) hazard</li> <li>• an indication of the circumstances in which it may harm human beings</li> <li>• an indication of the kinds of harm it may cause to human beings, and the likely extent of each kind of harm</li> <li>• an indication of the steps to be taken to prevent harm to human beings</li> <li>• the common/chemical name "[...]", along with its concentration, must appear on the label - need to include specific ingredients that would independently trigger a threshold</li> </ul>
117	Reg 26	<p><b>Use of generic names</b></p> <p>This control relates to specific circumstances where generic names can be used for ingredients or groups of ingredients.</p>
118	Reg 27	<p><b>Use of concentration ranges</b></p> <p>The concentration of specific ingredients must be given on the label</p>
119	Regs 29 – 31	<p><b>Additional information requirements, including situations where substances are in multiple packaging</b></p> <p>Alternative information in certain cases</p> <p>This control permits the information required by regulations 18 and 20 to be presented in alternative ways when substances are contained in fixed bulk containers or bulk transport containers. It is therefore, an alternative control.</p>

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
		<p>In the case of multiple packaging, where some or all of the required information on the substance packaging is obscured by outer packaging, the outer packaging must have a label that identifies the substance as toxic and ecotoxic. Regulation 30(2) provides various means of complying with this requirement e.g. to indicate ecotoxicity, the EU pictogram "Dangerous to the Environment" pictogram ('dead fish and tree' on orange background) can be used.</p>
I20	Reg 36(8)	<p><b>Durability of information for class 6.1 substances</b></p> <p>There is a requirement that any packaging that comes into direct contact with the substances must be permanently identified as having contained a toxic substance unless the substance as packaged is restricted to places of work (ie not sold for domestic use).</p>
I21	Regs 37-39, 47-50	<p><b>Documentation required in places of work</b></p> <p>These controls relate to the duties of suppliers and persons in charge of places of work with respect to documentation (essentially Material Safety Data Sheets) (regs 37, 38 and 50); the general content requirements of the documentation (reg 39 and 47); the accessibility and presentation of the required documentation in respect of comprehensibility and clarity (reg 48). These controls are triggered by quantities of substances of specific hazard classifications.</p> <p><b>Regulation 37 – Documentation duties of suppliers</b></p> <p>A supplier must provide documentation containing the information required by regulation 39 when selling or supplying to another person a quantity of a substance specified in Schedule 2 if the substance is to be used in a place of work and the supplier has not previously provided the documentation to that person.</p> <p>e.g.</p> <p>6.1A, 6.1B Any quantity 6.1C 0.5 kg solid 0.1L liquid 6.1D 3 kg solid 1 L liquid Any class 9, except 9.1D and 9.2D, 5 kg solid 5 L liquid 9.1 D, 9.2D 50 kg solid 50 L liquid</p> <p><b>Regulation 38 – Documentation duties of persons in charge of places of work</b></p> <p>The person in charge of any place of work where hazardous substances are present (in the quantities specified see reg 37 for example), must ensure that every person handling the substance has access to the documentation containing the information required by regulation 39 (i.e. MSDS available within 10 minutes).</p> <p><b>Regulation 39 – General content requirements for documentation</b></p> <p>The information required in the documentation provided with a hazardous substance includes:</p> <ul style="list-style-type: none"> <li>• the unequivocal identity of the substance (e.g. the chemical name, common name, registered trade name(s), including the CAS number of specific toxic ingredients (as required by reg 39(5))</li> <li>• description of the physical state, colour and odour of the substance</li> <li>• contact details for the New Zealand supplier/manufacturer/importer</li> <li>• all emergency management and disposal information required for the substance (see below)</li> <li>• the date on which the documentation was prepared</li> </ul> <p><b>Regulation 47 Information not included in approval</b></p> <p>If any information relating to any matter that is required by regulations 39 to 46 was not included in the information used for the approval of the substance, the requirements of that regulation are met by stating the matter and indicating that no information relating to it is applicable.</p> <p><b>Regulation 48 – Location and presentation requirements for documentation</b></p> <p>The documentation required by regulation 38 and 39 must be available to a person handling the substance in a place of work within 10 minutes. The documentation must be readily understandable by any fully-trained worker required to have access to it and must be easily read, under normal lighting conditions, at a distance of not less than 0.3m.</p> <p><b>Regulation 49 Documentation requirements for vehicles</b></p> <p>While a substance is being transported by land, sea or it does not have to comply with</p>

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
		<p>regulations 39 to 46 or 48 if there is in the vehicle documentation complying with the Land Transport Rule 45001: Dangerous Goods 1999, Maritime Rule 24A Carriage of Cargoes- Dangerous Goods 1999 or Civil Aviation Rule 92 – Carriage of Dangerous Goods, as appropriate</p> <p>Regulation 50 – Documentation to be supplied on request</p> <p>Notwithstanding regulation 37 above, a supplier must provide the required documentation to any person in charge of a place of work (where a hazardous substance is present) if asked to do so by that person.</p>
I23	Reg 41	<p><b>Specific documentation requirements for ecotoxic substances</b></p> <p>With regards to its ecotoxicity, the documentation provided with a hazardous substance must include the following information:</p> <ul style="list-style-type: none"> <li>• its general degree and type of (ecotoxic) hazard</li> <li>• a full description of the circumstances in which it may harm living organisms and extent of that harm</li> <li>• a full description of the steps to be taken to prevent harm to living organisms</li> <li>• a summary of the available (ecotoxic) acute and chronic data used to define the (ecotoxic) subclass or subclasses in which it is classified</li> <li>• its bio-concentration factor or octanol-water partition coefficient</li> <li>• its expected soil or water degradation rate</li> <li>• The EELs for the substance set by the Authority</li> </ul>
I28	Reg 46	<p><b>Specific documentation requirements for toxic substances</b></p> <p>With regards to its toxicity, the documentation provided with the substance must include the following information:</p> <ul style="list-style-type: none"> <li>• its general degree and type of (toxic) hazard</li> <li>• a full description of the circumstances in which it may harm human beings</li> <li>• the kinds of harm it may cause to human beings</li> <li>• a full description of the steps to be taken to prevent harm to human beings</li> <li>• the percentage of volatile substance in the liquid formulation, and the temperature at which the percentages were measured</li> <li>• a summary of the available (toxic) acute and chronic data used to define the (toxic) subclass or subclasses in which it is classified</li> <li>• the symptoms or signs of injury or ill health associated with each route of exposure</li> <li>• the dose, concentration, or conditions of exposure likely to cause injury or ill health</li> <li>• The TELs and WES for the substance set by the Authority</li> </ul>
I29	Regs 51, 52	<p><b>Duties of persons in charge of places in respect of signage</b></p> <p>These controls specify the requirements for signage, in terms of content, presentation and positioning at places where hazardous substances exceed certain quantities specified in Schedule 3 of this regulation. The most stringent quantity applies.</p> <p>6.1A 50 kg solid 50 L liquid          6.1B 250 kg solid 250 L liquid          6.1C 1000 kg solid 1000 L liquid          9.1, 9.2, 9.3, 9.4 A 100 kg solid 100 kg liquid</p>
I30	Reg 53	<p><b>Advertising corrosive and toxic substances</b></p> <p>Any advertisements for the substances must provide information identifying that it is toxic and specify the degree of toxicity and the need to restrict access by children.</p>
Packaging	Packaging Regulations	
P1	Regs 5, 6, 7(1), 8	<p><b>General packaging requirements</b></p> <p>These controls relate to the ability of the packaging to retain its contents, allowable packaging markings in respect of design approvals, factors affecting choice of suitable packaging, and compatibility of the substance with any previous contents of the packaging.</p> <p>Regulation 5 – Ability to retain contents</p>



Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
		<p>Packaging for the substance must ensure that, when the package is closed, there is no visible release of the substance, and that it maintains its ability to retain its contents in temperatures from –10°C to +50°C. The packaging must also maintain its ability to retain its remaining contents if part of the contents is removed from the package and the packaging is then re-closed. The packaging in direct contact with the substance must not be significantly affected or weakened by contact with the substance such that the foregoing requirements cannot be met.</p> <p>Regulation 6 – Packaging markings</p> <p>A package containing substance must not be marked in accordance with the UN Model Regulations unless the markings comply with the relevant provisions of that document and the packaging complies with the tests set out in Schedule 2 (Packaging Regulations) and the design of the packaging has been test certified as complying with those tests.</p> <p>Regulation 7(1) – Requirements when packing hazardous substance</p> <p>When packing substance, account must be taken of its physical state and properties, and packaging must be selected that complies with the requirements of regulation 5 above and regulation 9 below.</p> <p>Regulation 8 – Compatibility</p> <p>Hazardous substances must not be packed in packaging that has previously contained a substance with which it is incompatible.</p>
P3	Reg 9	<p><b>Requirement for substances packed in limited quantities</b></p> <p>Certain classes of substance listed in Schedule 5 of the packaging regulations may be packaged in packages containing less than a trigger quantity (per package) provided that the packaging complies with the tests set out in Schedule 4. e.g.</p> <p>6.1 B 0.5 kg solid or 0.1 L liquid 6.1C, 6.1D 3 kg solid or 1 L liquid 9.1 A, B or C; 9.2A, B or C; 9.3A, B or C; 9.4 A, B or C 5 kg solid or 5 L liquid</p>
P13*	Reg 19	<p><b>Packaging requirements for toxic substances</b></p> <p>Packaging for the following substances must comply with the tests set out in Schedule 1 (UN PGI):</p> <ul style="list-style-type: none"> <li>• Sodium fluoroacetate CAS number 62-74-8</li> <li>• Soluble concentrate containing 200 g/litre sodium fluoroacetate</li> <li>• Gel containing 50 g/kg sodium fluoroacetate</li> <li>• Gel containing 100 g/kg sodium fluoroacetate</li> <li>• Paste containing 10 g/kg sodium fluoroacetate</li> </ul> <p>Packaging for the following substances must comply with the tests set out in Schedule 2 (UN PGII):</p> <ul style="list-style-type: none"> <li>• Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate</li> <li>• Gel containing 1.5 g/kg sodium fluoroacetate</li> <li>• Paste containing 1.5 g/kg sodium fluoroacetate</li> </ul> <p>Packaging for the following substances must comply with the tests set out in Schedule 3 (UN PGIII):</p> <ul style="list-style-type: none"> <li>• Paste containing 1.5 g/kg sodium fluoroacetate</li> <li>• Pellets containing 1.5 – 2 g/kg sodium fluoroacetate</li> <li>• Gel containing 1.5 g/kg sodium fluoroacetate</li> </ul>
PG1	Schedule 1	<b>Packaging requirements equivalent to UN Packing Group I</b>
PG2	Schedule 2	<b>Packaging requirements equivalent to UN Packing Group II</b>
PG3	Schedule 3	<b>Packaging requirements equivalent to UN Packing Group III</b>
P15	Reg 21	<p><b>Packaging requirements for ecotoxic substances</b></p> <p>This control has been deleted for all substances in this report. It is not relevant as the packaging requirements for toxic substances take precedence because they are more stringent. [see regulation 19]</p>

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
Disposal	Disposal Regulations	
D4/D5	Regs 8 and 9	<p><b>Disposal requirements of toxic and ecotoxic substances</b></p> <p>When disposing of hazardous substances, it is necessary to comply with the requirements of the regulations with regards to the disposal of toxic and ecotoxic substances. These substances must be disposed of by:</p> <ul style="list-style-type: none"> <li>treating the substance so that it is no longer a hazardous substance, including depositing the substance in a landfill, incinerator or sewage facility. However, this does not include dilution of the substance with any other substance prior to discharge to the environment, or</li> <li>discharging the substance to the environment provided that after reasonable mixing, the concentration of the substance in any part of the environment outside the mixing zone does not exceed any TEL (tolerable exposure limit) or EEL set by the Authority for that substance, or</li> <li>exporting the substance from New Zealand as a hazardous waste</li> </ul>
D6	Reg 10	<p><b>Disposal requirements for packages</b></p> <p>This control gives the disposal requirements for packages that contained a hazardous substance and are no longer to be used for that purpose. Such packages must be either decontaminated/treated or rendered incapable of containing any substance (hazardous or otherwise) and then disposed of in a manner that is consistent with the disposal requirements for the substance.</p>
D7	Regs 11, 12	<p><b>Information requirements</b></p> <p>These controls relate to the provision of information concerning disposal (essentially on the label) that must be provided with specified quantities of substances (Schedule 1 to the disposal regulations).</p> <p>E.g.</p> <p>6.1A, B or C any amount 6.1D 0.1 kg solid, 0.1 L liquid 9.1A, 9.2A, 9.3A, 9.4A 0.1 kg solid, 0.1 L liquid 9.1B, 9.2B, 9.3B, 9.4B 0.2 kg solid, 0.2 L liquid 9.1C or D; 9.2C or D, 9.3C or 9.4C 1.0 kg solid, 1.0 L liquid</p> <p>The performance standards for presentation and accessibility of the information are as described above for secondary identifiers under the Identification regulations (code I1).</p>
D8	Regs 13, 14	<p>These controls relate to the provision of documentation concerning disposal (essentially in a MSDS) that must be provided with specified quantities (Schedule 2 of the disposal regulations) of substances</p> <p>E.g.</p> <p>6.1A, 6.1B any amount, solid or liquid 6.1C 0.5 kg solid, 0.1 L liquid 6.1D 3 kg solid, 9.1A, B or C; 9.2A, B or C; 9.3A, B or C; 9.4 A, B or C 5 kg solid, 5 L liquid</p> <p>The performance standards for presentation and accessibility of the documentation are as described above for documentation under the Identification regulations (code I21).</p>
Emergency Management	Emergency Management Regulations	
EM1	Regs 6, 7, 9 – 11	<p><b>Level 1 emergency management information: General requirements</b></p> <p>These controls relate to the provision of emergency management information (essentially on the label) that must be provided with any quantity of substances</p> <p>Regulation 6 gives duties of a supplier, regulation 7 gives duties of persons in charge of places, regulation 9 gives the requirement for the availability of the information (10 seconds) and regulation 10 gives the requirements relating to the presentation of the information. Regulation 11 gives the option of complying with the information requirements of the transport rules when the substance is being transported. These requirements correspond with those relating to secondary identifiers required by the Identification regulations as discussed above (code I1).</p>

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
EM6	Reg 8(e)	<p><b>Additional information requirements for toxic substances</b></p> <p>With regards to its toxicity, the following information must be provided with substances classified as 6.1 acutely toxic, 6.3 skin irritant, 6.4 eye irritant or 6.5 sensitiser:</p> <ul style="list-style-type: none"> <li>• a description of the usual symptoms of exposure</li> <li>• a description of the first aid to be given to a person exposed to it</li> <li>• a 24-hour emergency service telephone number</li> </ul>
EM7	Reg 8(f)	<p><b>Additional information requirements for ecotoxic substances</b></p> <ul style="list-style-type: none"> <li>• With regards to its ecotoxicity, the following information must be provided with any class 9 substance:</li> <li>• a description of the parts of the environment likely to be immediately affected by it</li> <li>• a description of its typical effects on those parts of the environment</li> <li>• a statement of any immediate actions that may be taken to prevent the substance from entering or affecting those parts of the environment</li> </ul>
EM8	Regs 12-16, 18-20	<p><b>Level 2 emergency management information requirements</b></p> <p>These controls relate to the duties of suppliers and persons in charge of places of work with respect to the provision of emergency management documentation (essentially Material Safety Data Sheets) that must be provided with specific quantities of certain hazardous substances (Schedule 2)</p> <p>E.g.</p> <p>6.1A, B any quantity 6.1C 0.5 kg solid, 0.1L liquid 6.1D 3 kg solid, 1 L liquid Any class 9 except 9.1D or 9.2D 5 kg solid or 5 L liquid 9.1D, 9.2D 50 kg solid or 50 L liquid</p> <p>Regulation 16 specifies requirements for general contents of the documentation, regulation 18 provides accessibility requirements and regulation 19 provides requirements for presentation in respect of comprehensibility and clarity. These requirements correspond with those relating to documentation required by the Identification regulations, discussed above (code I21).</p>
EM11	Regs 25 – 34	<p><b>Level 3 emergency management requirements – emergency response plans</b></p> <p>These regulations relate to the requirement for an emergency response plan for any place where more a certain quantity of substances are stored (Schedule 4)</p> <p>E.g.</p> <p>6.1A, B or C 100 kg solid, 100 L liquid 6.1D 1000 kg solid, 1000 L liquid 9.1A 100 kg solid, 100 L liquid 9.1B, 9.1C 1000 kg solid, 1000 L liquid 9.1D 10 000 kg solid, 10 000 L liquid.</p> <p>The emergency response plan must describe all of the likely emergencies that may arise from the breach or failure of controls. The type of information that is required to be included in the plan is specified in regulations 29 – 30. Requirements relating to the availability of equipment, materials and people are provided in regulation 31, requirements regarding the availability of the plan are provided in regulation 32 and requirements for testing the plan are described in regulation 33.</p>
EM12	Regs 35 – 41	<p><b>Level 3 emergency management requirements – secondary containment</b></p> <p>This control is only relevant to liquids or substances that are likely to liquefy in a fire called “pooling substances” in regulation 35. The only 1080 substance that meets the criteria for a “pooling substance” is the soluble concentrate containing 200g/L sodium fluoroacetate.</p> <p>The trigger quantity for secondary containment systems for the soluble concentrate containing 200g/L sodium fluoroacetate is 100 L liquid.</p> <p>Regulations 37-39 state the requirements for containment subject to the size of the above ground containers in which the substance in kept.</p> <p>Regulation 40 addresses underground storage containers.</p> <p>Regulation 41 relates to ensuring that people will not be exposed to the contained</p>

Control Codes <sup>4</sup>	Regulation <sup>5</sup>	Explanation <sup>6</sup>
		substance and prevents contamination with incompatible substances and materials.
EM13	Reg 42	<p><b>Level 3 emergency management requirements – signage</b></p> <p>These controls relate to the provision of emergency management information on signage at places where hazardous substances exceed certain quantities specified in Schedule 5 of the Emergency Management Regulations.</p> <p>It corresponds to the provisions for signage in the Identification regulations discussed above (I29) and the same requirements for content and presentation apply.</p>
Tracking	Tracking Regulations	
TR1	Regs 4(1), 5, 6	<p><b>General tracking requirements</b></p> <p>A record must be kept of the location and movement of each substance at each stage of its lifecycle. The record must meet the location and presentation requirements of the Identification Regulations and must be kept for a period of 12 months after the substance has been transferred to someone else. If the substance is discharged into the environment or disposed of, the record must be kept for 3 years. The tracking information to be recorded is:</p> <ul style="list-style-type: none"> <li>• The identity of the approved handler (name, position, address, approved handler details)</li> <li>• Substance information (identification and amount)</li> <li>• Location of the tracked substance</li> <li>• Details of transfer to another place (identification and amount being transferred), address of the place, identity of the approved handler (name, position, address), date of transfer</li> <li>• Disposal of tracked substance (manner of disposal, date, amount and location of disposal)</li> </ul> <p>The amendment to the Hazardous Substances (Tracking) Regulations 2001 adds to clauses 2 (substance information), 5 (details of transfer to another place), and 6 (disposal of tracked substance), the requirement to record the unique identifier for the container that contains the tracked substance.</p> <p>This clause is inserted immediately after clause 2:</p> <p>Regulation 6 provides requirements for the transfer of these substances from one place to another.</p>
Approved handlers	Personnel Qualification Regulations	
AH1	Regs 4 – 6	<p><b>Approved Handler requirements (including test certificate and qualification requirements)</b></p> <p>The substances are required to be under the control of an approved handler at all times i.e. the person must hold a current test certificate certifying that they have met the competency requirements specified by the Personnel Qualification Regulations in relation to handling specific hazardous substances.</p> <p>Regulation 5 describes the qualification (competency and skill) requirements for approved handlers and regulation 6 describes those situations where transitional qualifications for approved handler apply.</p>

### 3.3 Controls for Stationary Container Systems

The controls for stationary container systems apply only to the soluble concentrate containing 200 g/litre sodium fluoroacetate. These controls are set out in Schedule 8 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 (Supplement to NZ Gazette 25 March 2004, Issue No. 35, p 767; as amended by Supplement 30 September 2004, Issue No 128, p 3133 and Supplement 15 December 2005, Issue No 208, p 5289). The requirements of this schedule are detailed in the Compilation of Hazardous Substances Regulations and Controls (<http://www.ermanz.govt.nz/hs/hs-regulations.html>).

### 3.4 Additional Controls

<b>Schedule 3 of the Hazardous Substances (Sodium Fluoroacetate) Transfer Notice 2005</b>	
<b>Clause 1</b>	<p><b>Packaging of substances for sale for vertebrate pest control</b></p> <p>(1) No person may pack this substance for sale for vertebrate pest control unless the package is marked with a unique identifier.</p> <p>(2) The unique identifier marked on the package must comply with regulation 35 and regulation 36 of the Hazardous Substance (Identification) Regulations 2001.</p> <p>(3) For the purposes of regulation 35(3)(c) of those regulations, the unique identifier is a secondary identifier.</p> <p>(4) In this clause package means the smallest package in which the relevant substance is sold.</p>
<b>Clause 2</b>	<p><b>Restrictions on supply and acquisition of substances</b></p> <p>(1) This clause applies to this substance.</p> <p>(2) No person may sell or otherwise supply this substance to any person unless the person has a licence in accordance with clause 4.</p> <p>(3) No person may purchase or otherwise acquire this substance unless the person is a person specified in subclause (2).</p>
<b>Clause 3</b>	<p><b>Permissions required for application or use of substances</b></p> <p>(1) No person may apply or otherwise use this substance on land administered or managed by the Department of Conservation unless the person first obtains a permission under section 95A of the Act from the Authority.</p> <p>(2) No person may apply or otherwise use this substance in a catchment area from which water is drawn for human consumption or in any other area where a risk to public health may be created if the substance is applied or used unless the person first obtains a permission under section 95A of the Act from the Authority.</p> <p><i>Note: The Authority has delegated the giving of such a permission in the case of subclause (1) to the Department of Conservation (DOC), and, in the case of subclause (2) to the Ministry of Health. Persons wishing to apply this substance where a permission is required should contact the regional DOC office or the Ministry of Health.</i></p>
<b>Clause 4</b>	<p><b>Licence required for possession of substances</b></p> <p>(1) No person may possess this substance unless the person has a licence under section 95B of the Act from the Authority that is obtained before the person takes possession of the substance.</p> <p>(2) Despite subclause (1), a person who does not have a licence may possess a hazardous substance if—</p> <p>(a) the person is under the immediate supervision of a person who has a licence in accordance with this clause; or</p> <p>(b) the person is deemed to comply with Regulation 9 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001 by regulation 9A of those regulations (as inserted</p>

	<p>by Schedule 2 of the Sodium Fluoroacetate Transfer Notice, which is reproduced in Part B of this document).</p> <p><i>Explanation: The licence referred to in subclause (1) is a Controlled Substances Licence (CSL). For information on how to obtain this licence contact a test certifier who is approved to issue CSLs for 1080.</i></p>
<p><b>Clause 5</b></p>	<p><b>Restriction on aerial application of certain substances – this clause applies only to substances that are approved for aerial application:</b></p> <ul style="list-style-type: none"> <li>• Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate</li> <li>• Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate</li> <li>• Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)</li> </ul> <p>(1) No person may apply, or engage another person to apply, this substance by aerial application unless—</p> <ul style="list-style-type: none"> <li>(a) aerial application is a permitted method of release for that substance in accordance with clause 1 of Schedule 6 (as reproduced under code E4 of this document); and</li> <li>(b) the person has a permission or permissions (as the case may be) granted in accordance with clause 3 (above); and</li> <li>(c) a copy of each permission is supplied to the pilot of the aircraft; and</li> <li>(d) the person has given public notice in a newspaper available in the areas in which the substance will be applied of the proposed aerial application in accordance with subclause (2); and</li> <li>(e) the substance is applied no more than 2 months after the date of the public notice referred to in paragraph (c); and</li> <li>(f) if the person is not the occupier of the area over which the substance will be applied, the person has given notice of the proposed aerial application to the officer in charge of the police station that is nearest to the application area.</li> </ul> <p>(2) The public notice referred to in subclause (1)(d) must—</p> <ul style="list-style-type: none"> <li>(a) be given with sufficient prior notification, but no more than 2 months, before the proposed aerial application; and</li> <li>(b) specify the following:             <ul style="list-style-type: none"> <li>(i) the approximate date on which the substance will be applied:</li> <li>(ii) the name and nature of the substance:</li> <li>(iii) a description of the area over which the substance will be applied, including—                     <ul style="list-style-type: none"> <li>(A) the boundaries of the area; and</li> <li>(B) districts, roads, and other commonly known features that may identify the place:</li> </ul> </li> <li>(iv) the location or locations where members of the public may view maps of the area over which the substance will be applied, and the times when such maps may be viewed:</li> <li>(v) the name and address of the person responsible for the application of the substance.</li> </ul> </li> </ul>
<p><b>Clause 6</b></p>	<p><b>Requirements for aircraft carrying out aerial application - this clause applies only to substances that are approved for aerial application:</b></p> <ul style="list-style-type: none"> <li>• Pellets containing 0.4 – 0.8 g/kg sodium fluoroacetate</li> <li>• Pellets containing 1.5 – 2.0 g/kg sodium fluoroacetate</li> <li>• Soluble concentrate containing 200 g/litre sodium fluoroacetate (when mixed with food bait)</li> </ul> <p>(1) An aircraft that is carrying out an aerial application must not, when flying to or from the</p>

	<p>area where this substance is applied, fly over a—</p> <ul style="list-style-type: none"> <li>(a) place specified (if any) in a permission granted in relation to the substance in accordance with clause 3 as being a place over which such an aircraft must not fly; or</li> <li>(b) public drinking water supply; or</li> <li>(c) waterway that is less than 100 metres upstream of a point of extraction from a water source for a drinking water supply (not being a water supply exclusively for stock).</li> </ul> <p>(2) Every aircraft that has carried out an aerial application, and all equipment used in connection with the aerial application, must be decontaminated before the aircraft or equipment is—</p> <ul style="list-style-type: none"> <li>(a) used for another purpose; or</li> <li>(b) removed from a place from which the application operation has been carried out.</li> </ul> <p>(3) When an aerial application being carried out on a day has ceased for that day, the loading area, and any area where the substance is stored in preparation for loading the substance on to or into the aircraft, must be—</p> <ul style="list-style-type: none"> <li>(a) decontaminated; or</li> <li>(b) fenced so that—             <ul style="list-style-type: none"> <li>(i) people do not inadvertently enter the area; and</li> <li>(ii) stock cannot gain access to the area.</li> </ul> </li> </ul> <p>(4) An area that is fenced in accordance with subclause (3)(b) must have signs erected at the perimeter of the fence in accordance with subclause (5).</p> <p>(5) The signs referred to in subclause (4) must—</p> <ul style="list-style-type: none"> <li>(a) state that people and stock should stay out of the area until the signs, and any fence around the area, have been removed; and</li> <li>(b) identify the person responsible for the place, and provide sufficient information to enable the person to be contacted during normal business hours; and</li> <li>(c) identify the substance and state that it is toxic to human beings and ecotoxic to other vertebrates; and</li> <li>(d) comply with regulations 34 and 35 of the Hazardous Substances (Identification) Regulations 2001, except that regulation 35 applies as follows:             <ul style="list-style-type: none"> <li>(i) in relation to the information required to be included on the signs by paragraphs (a) and (b), as if the distances referred to in regulation 35(3)(c) of those regulations were a distance of not less than 2 metres; and</li> <li>(ii) in relation to the information required to be included on the signs by paragraph (c), as if the distances referred to in regulation 35(3)(c) of those regulations were a distance of not less than 10 metres.</li> </ul> </li> </ul> <p>(6) The signs and the fence required by this clause must remain in place until the place is decontaminated.</p> <p><b>Interpretation</b></p> <p><b>aerial application</b> means application from an aircraft.</p> <p><b>aircraft</b> has the meaning given to it by section 2 of the Civil Aviation Act 1990.</p> <p><b>public drinking water supply</b> includes drinking water supply reservoirs, treatment plants and storage facilities</p>
<p><b>Clause 7</b></p>	<p><b>Lost, spilt, or unintended application of substances</b></p> <p>If this substance is applied other than in the intended application area, or is lost or spilt, the person who is in possession of the substance at the time that it was misapplied, lost, or spilt must report the nature and quantity of the substance within 24 hours of the substance being misapplied, lost, or spilt to—</p> <ul style="list-style-type: none"> <li>(a) if a permission was granted in accordance with clause 3 to apply or otherwise use the</li> </ul>

	<p>substance, the person who granted the permission; and</p> <p>(b) the officer in charge of the nearest police station to which the person has access; and</p> <p>(c) the nearest Medical Officer of Health or the Medical Officer of Health in whose region the substance was misapplied, lost, or spilt; and</p> <p>(d) each owner or occupier of land on which the substance may have been misapplied, lost, or spilt; and</p> <p>(e) the person on whose behalf the substance is being applied.</p>
<b>Clause 8</b>	<p><b>Unauthorised persons to stay clear of application area of substances</b></p> <p>(1) A person who is not lawfully assisting in the application or use of this substance must not remain in the vicinity of the application or use of the substance (as the case may be).</p> <p>(2) An enforcement officer may order a person who contravenes subclause (1) to immediately leave the area in which the substance is being applied or used.</p>
<p><b>Hazardous Substances (Chemicals) Transfer Notice 2006 Schedule 3, Clause 4</b></p> <p>For Sodium fluoroacetate CAS number 62-74-8, information must be provided to the Authority on the identity of any impurity, its origin, and the nature of its relationship to the active component when the impurity is present at a concentration of 10 g/kg or more.</p>	

### 3.5 Transitional Controls

Schedule 4 of the Hazardous Substances (Sodium Fluoroacetate) Transfer Notice 2005

This schedule sets out the transitional controls for these substances, which provide for a transitional period to allow manufacturers, importers and suppliers, and persons otherwise dealing with sodium fluoroacetate, to comply with the HSNO Act and controls under the Act<sup>7</sup>. The key dates are:

1 Nov 2005 All persons must comply with the HSNO controls set out in this document, with the exception of the specific regulations for Emergency Management, Disposal, Packaging and Identification listed below.

All persons that require a licence for this substance must have a licence (transitional or full).

1 July 2006 All persons must comply with regulations 25 to 41 of the Hazardous Substances (Emergency Management) Regulations 2001.

1 May 2007 All persons that require a licence must have a full licence.

1 July 2007 All persons must comply with:

Regulations 6 to 16, 18 to 20 and 42 of the Hazardous Substances (Emergency Management) Regulations 2001

Regulations 11 to 14 of the Hazardous Substances (Disposal) Regulations 2001

The Hazardous Substances (Packaging) Regulations 2001

The Hazardous Substances (Identification) Regulations 2001.

<sup>7</sup> The transitional period applies only for people/substances or locations that were compliant with the requirements in place at the close of 30 June 2005.



### Annex 1. ACVM Controls

Under the Agricultural Compounds and Veterinary Medicines (ACVM) Act 1997, the ACVM Group of the New Zealand Food Safety Authority impose controls on the use of 1080 products. The following 1080 formulations are currently registered by NZFSA. The conditions are described in the following table:

#### Reg No V000825

<b>Trade Name:</b>	.06% 1080 PELLETS		
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>		
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>		
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51		
<b>Registration Date:</b>	8 July 1964		
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>		
<b>Active ingredients:</b>		<b>Content</b>	<b>Unit</b>
	<a href="#">sodium fluoroacetate</a>	0.6	g/kg
<b>Label Content:</b>	<a href="#">V000825-label</a>		

#### Reg No V002189

<b>Trade Name:</b>	1080 SOLUTION		
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>		
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>		
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51		
<b>Registration Date:</b>	13 October 1973		
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>		
<b>Active ingredients:</b>		<b>Content</b>	<b>Unit</b>
	<a href="#">sodium fluoroacetate</a>	200	g/litre
<b>Label Content:</b>	<a href="#">V002189-label1</a> <a href="#">V002189-label2</a> <a href="#">V002189-label3</a>		

#### Reg No V002538

<b>Trade Name:</b>	0.2% 1080 PELLETS		
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>		
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>		
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51		
<b>Registration Date:</b>	2 October 1975		
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>		
<b>Active ingredients:</b>		<b>Content</b>	<b>Unit</b>
	<a href="#">sodium fluoroacetate</a>	2	g/kg
<b>Label Content:</b>	<a href="#">V002538-label</a>		

Reg No V002554

<b>Trade Name:</b>	10% 1080 GEL						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	29 October 1975						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>100</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	100	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	100	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V002829

<b>Trade Name:</b>	0.08% 1080 Pellets						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51						
<b>Registration Date:</b>	17 July 1978						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>0.8</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	0.8	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	0.8	g/kg					
<b>Label Content:</b>	<a href="#">V002829-label</a>						

Reg No V002848

<b>Trade Name:</b>	0.15% 1080 PELLETS						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51						
<b>Registration Date:</b>	27 March 1990						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>1.5</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	1.5	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	1.5	g/kg					
<b>Label Content:</b>	<a href="#">V002848-label</a>						

Reg No V003623

<b>Trade Name:</b>	5% 1080 GEL						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	11 April 1986						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>50</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	50	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	50	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V003785

<b>Trade Name:</b>	0.04% 1080 PELLETS						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51						
<b>Registration Date:</b>	29 April 1987						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>0.4</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	0.4	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	0.4	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V004107

<b>Trade Name:</b>	0.10% 1080 FERAL CAT BAIT						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 27 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	31 July 1998						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>1</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	1	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	1	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V004811

<b>Trade Name:</b>	PESTOFF PROFESSIONAL 1080 POSSUM & RABBIT PASTE 0.06%						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	31 July 1998						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>0.6</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	0.6	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	0.6	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V004812

<b>Trade Name:</b>	PESTOFF PROFESSIONAL 1080 POSSUM PASTE 0.08%						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	23 December 1997						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>0.8</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	0.8	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	0.8	g/kg					
<b>Label Content:</b>	<a href="#">V004812-label</a>						

Reg No V004918

<b>Trade Name:</b>	PESTOFF PROFESSIONAL 1080 POSSUM PASTE 0.15%						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	13 May 1997						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>1.5</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	1.5	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	1.5	g/kg					
<b>Label Content:</b>	<a href="#">V004918-label</a>						

Reg No V005377

<b>Trade Name:</b>	NO POSSUMS 1080 GEL BAIT						
<b>Registrant:</b>	<a href="#">Kiwicare Corporation Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 11 27 31 37						
<b>Registration Date:</b>	5 May 1999						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>1.5</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	1.5	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	1.5	g/kg					
<b>Label Content:</b>	not yet available						

Reg No V009015

<b>Trade Name:</b>	0.08% 1080 Rodent Pellets						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 48 49 50 51						
<b>Registration Date:</b>	25 January 2002						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>0.8</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	0.8	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	0.8	g/kg					
<b>Label Content:</b>	<a href="#">V009015-label</a>						

Reg No V009174

<b>Trade Name:</b>	Pestoff Exterminator Paste						
<b>Registrant:</b>	<a href="#">Animal Control Products Ltd</a>						
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>						
<b>Conditions:</b>	2 4 31 37 43 44 45 46 47 49 50 51						
<b>Registration Date:</b>	8 May 2003						
<b>Product Types:</b>	<a href="#">Vertebrate Toxic Agent</a>						
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>1.5</td> <td>g/kg</td> </tr> </tbody> </table>		Content	Unit	<a href="#">sodium fluoroacetate</a>	1.5	g/kg
	Content	Unit					
<a href="#">sodium fluoroacetate</a>	1.5	g/kg					
<b>Label Content:</b>	<a href="#">V009174-label</a>						

**Reg No P003660**

<b>Trade Name:</b>	1.0% 1080 WASP PASTE				
<b>Registrant:</b>	<a href="#">Department of Conservation</a>				
<b>NZ Agent:</b>	<a href="#">NZ Agent is the same as registrant</a>				
<b>Conditions:</b>	2 3 4 8 31 37				
<b>Registration Date:</b>	13 August 1992				
<b>Product Types:</b>	<a href="#">Insecticide</a>				
<b>Active ingredients:</b>	<table border="1"> <thead> <tr> <th></th> <th>Content Unit</th> </tr> </thead> <tbody> <tr> <td><a href="#">sodium fluoroacetate</a></td> <td>10 g/kg</td> </tr> </tbody> </table>		Content Unit	<a href="#">sodium fluoroacetate</a>	10 g/kg
	Content Unit				
<a href="#">sodium fluoroacetate</a>	10 g/kg				
<b>Label Content:</b>	<a href="#">p003660-label</a>				

ACVM Condition	Description (summary)
2	The product must be manufactured in accordance with the ACVM Standard for Good Manufacturing Practice and to the chemistry and manufacturing specifications provided by the registrant and approved as part of the registration.
3	Plant Compound: In addition to any labelling, advertising or promotion requirements specified in the current registration, labelling, advertising or promotion of the product must comply with the current ACVM - New Zealand Labelling and Advertising Guide for Plant Compounds Requiring Registration.
4	The product must only be sold or imported according to the current registration.
8	If the product is used on any food producing plant or on or around any plant not used to produce food: <ul style="list-style-type: none"> <li>▪ other than those specified on the current registration; or</li> <li>▪ in a manner not specified in the current registration,</li> </ul> the user must ensure that residues of any substance in the product that may occur in plant material produced from the plants treated, or in animal material produced from grazing or direct feeding of the plants treated to food producing animals, do not exceed the lesser of either: <ul style="list-style-type: none"> <li>▪ the specified residue limit in the current New Zealand (Maximum Residue of Agricultural Compounds) Food Standard and any subsequent amendments; or</li> <li>▪ the default maximum residue limit in the current New Zealand (Maximum Residue of Agricultural Compounds) Food Standard and any subsequent amendments, when a maximum residue limit for that substance has not been specified.</li> </ul>
11	Veterinary Medicine: In addition to any labelling, advertising or promotion requirements specified in the current registration, labelling, advertising or promotion of the product must comply with the current ACVM - New Zealand Labelling and Advertising Guide for Veterinary Medicines Requiring Registration.
27	This product must only be sold to and used by the individuals/organisations specified in the label content.
31	This product must only be used as specified in the label content.

<b>ACVM Condition</b>	<b>Description (summary)</b>
37	Ongoing obligations: The registrant must provide an annual summary of adverse events to the ACVM Group. Adverse events which have serious implications for the continued use of the product must be notified immediately. The registrant must also advise the ACVM Group of any new studies or data that contradict information previously supplied.
43	The product must be sold only by a person who has been approved by the ACVM Group.
44	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: This product must be sold only to a person holding a controlled substances licence issued by a test certifier who has been approved by the ACVM Group.
45	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: Any advertisement or promotion for this product must clearly state that it can only be sold to a person who holds a controlled substances licence.
46	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: The product must not be displayed for the general public to see. It must be kept secure from unauthorised persons and individual containers marked for trace back purposes. A register of sales must be kept (minimum of 3 years), recording who the product was sold to (controlled substances licence reference) and the container(s) serial identity.
47	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: The product must be used only by a person either holding a controlled substances licence issued by a test certifier who has been approved by the ACVM Group, or by a person under the direct supervision of a person holding a controlled substances licence.
48	If the product is to be aerially applied, then the public must be given sufficient notice prior to application informing them of: a) what is being used; b) when it is to be used; c) where it is going to be used; d) the responsible person; and e) appropriate warnings in regard potential harm (dogs should be kept out of the area). The application must not be earlier than the date of application stated in the public notification and, if the product has not been applied within 2 months, the notification is invalid.
49	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: Signs must be posted in prominent places around the perimeter of the treated area. The signs must remain in place until monitoring confirms that the product is no longer present. Signs must state: a) that it is an offence for any person to remove the sign(s) prior to clearance

---

<b>ACVM Condition</b>	<b>Description (summary)</b>
	of the area; b) that it is an offence for any person (other than the applicator) to remove/move baits from the area; c) Warning of potential harm to dogs.
50	If the label indicates the product can only be sold to and/or used by a person holding a controlled substances licence then: Security, identity and application of the product must be under the control of a specified person who also holds a controlled substances licence from a test certifier approved by the ACVM Group.
51	Vertebrate Toxic Agents: In addition to any labelling, advertising or promotion requirements specified in the current registration, labelling, advertising or promotion of the product must comply with the current ACVM - New Zealand Labelling and Advertising Guide for Vertebrate Toxic Agents Requiring Registration.

