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# DECISION TO REISSUE APPROVALS

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## Summary

Application type	To reissue an approval for a hazardous substance under clause 4 of Schedule 7 of the Hazardous Substances and New Organisms Act 1996 ("the Act")
Consideration date	17 December 2021
Consultation period	8 June 2020 – 4 August 2020
Number of submissions received	Twenty-eight during the public consultation
Considered by	The Chief Executive <sup>1</sup> of the Environmental Protection Authority ("the EPA")
Decision	<b>To reissue the 93 approvals listed in Appendix 1</b>

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<sup>1</sup> The Chief Executive of the EPA has made the decision on this application under delegated authority in accordance with section 19 of the Act.

## 1. Introduction

1.1. This document provides the following information regarding the reissue under clause 4 of Schedule 7 of the Act of the 93 HSNO approvals listed in Appendix 1:

- the reasons behind the decision to reissue
- the legislative criteria for reissue
- classification and control mapping
- transitional provisions
- consultation
- response from submitters
- substances to be reissued

## 2. Process

### Reasons for reissue

2.1. The reasons for the need to reissue this batch of 93 approvals, and the process followed, are the same as those for previous approvals we have recently reissued<sup>2</sup>.

- All approvals that were in force immediately before 1 December 2017 need to be reissued to take account of the legislative changes that occurred on that date when many HSNO workplace controls were transferred to the Health and Safety at Work regime; and
- The classifications assigned to the substances covered by these older approvals need to be updated to assign new hazard classifications in accordance with the new Hazardous Substances (Hazard Classification) Notice 2020.

2.2. The 93 approvals include fuels (e.g petrol, aviation fuel, LPG), agrichemicals and various miscellaneous industrial chemicals and mixtures.

### Legislative criteria for the reissue

2.3. These approvals are to be considered under clause 4 of Schedule 7 of the Act, which enables the EPA to review, amend and reissue the approvals. The reissue of approvals is for the purpose of updating the approvals to take into account the new classification system, and to revoke the existing prescribed controls to replace them with new controls, omitting any existing control if it is reasonable to conclude that the purpose of that control is to address the adverse effect on people in the workplace and any other aspect of the control is only incidental.

2.4. It is also necessary to consider other relevant sections of the Act, namely sections 4 to 8. These sections are the purpose of the Act, the principles and matters to consider in order to achieve the purpose of the Act and the requirement to exercise caution when managing adverse effects and take into account the principles of the Treaty of Waitangi.

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<sup>2</sup> [https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/GHS2/Decision\\_to\\_Reissue\\_GHS7\\_April\\_2021.pdf](https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/GHS2/Decision_to_Reissue_GHS7_April_2021.pdf)

### 3. Hazardous properties

- 3.1. On 15 October 2020, the EPA issued the Hazardous Substances (Hazard Classification) Notice 2020. This notice establishes a hazard classification for hazardous substances that incorporates elements of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS 7) by reference, plus a new framework for terrestrial ecotoxicity classifications. Reissued approvals will be assigned new hazard classifications in accordance with the notice, and the controls will also be updated to bring them into line with the new legislation<sup>3</sup> that came into force on 1 December 2017.
- 3.2. A correlation table that maps the previous HSNO alpha-numeric classifications to the new HSNO classifications is provided in Appendix 2. Both the old and new classifications for each approval reissued in this decision document are provided in Appendix 1.

### 4. Changes to controls on reissued approvals

- 4.1. The existing prescribed controls, being the controls that applied to the affected substances immediately before 1 December 2017, are set out in the various decision documents, Transfer Notices and for explosives, the Explosives Transfer Regulations<sup>4</sup>. The project team referred to these original approvals to ensure that the correct controls were applied to the reissued approvals.
- 4.2. The mapping of the existing prescribed default controls to new default HSNO controls and/or requirements under the HSW (HS) Regulations is set out in Appendix 3.

#### Fate of existing prescribed default controls that remain in HSNO

- 4.3. The following existing prescribed controls have been replaced by new default controls in EPA Notices:
  - Controls specified under the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 to protect the people outside of workplaces from substances with explosive, flammable or oxidising properties are replaced by controls specified in the Hazardous Substances (Hazardous Property Controls) Notice 2017.
  - Controls specified under the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001 to protect the environment are replaced by controls specified in the Hazardous Substances (Hazardous Property Controls) Notice 2017.
  - Controls specified under the Hazardous Substances (Identification) Regulations 2001 are generally replaced by controls specified in the:
    - Hazardous Substances (Labelling) Notice 2017 for labelling requirements
    - Hazardous Substances (Safety Data Sheets) Notice 2017 for documentation requirements
    - Hazardous Substances (Hazardous Property Controls) Notice 2017 for controls relating to signage for substances that are hazardous to the environment
    - HSW (HS) Regulations for controls relating to duties of persons in charge of workplaces, and for signage requirements for class 1 to 8 substances (refer section 4.4 below).
  - Controls specified under the Hazardous Substances (Packaging) Regulations 2001 are replaced by controls specified in the Hazardous Substances (Packaging) Notice 2017.

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<sup>3</sup> The Health and Safety at Work (Hazardous Substances) Regulation 2017 and a series of EPA Notices.

<sup>4</sup> Hazardous Substances (Fireworks, Safety Ammunition, and Other Explosives Transfer) Regulations 2003

- Controls specified under the Hazardous Substances (Disposal) Regulations 2001 are replaced by controls specified in the:
  - Hazardous Substances (Disposal) Notice 2017
  - Hazardous Substances (Labelling) Notice 2017 for information requirements
  - Hazardous Substances (Safety Data Sheets) Notice 2017 for documentation requirements
  - HSW (HS) Regulations for controls relating to duties of persons in charge of workplaces (refer section 4.4 below).
- Controls specified under the Hazardous Substances (Emergency Management) Regulations 2001 are replaced by controls specified in the:
  - Hazardous Substances (Labelling) Notice 2017 for information requirements
  - Hazardous Substances (Safety Data Sheets) Notice 2017 for documentation requirements
  - Hazardous Substances (Hazardous Property Controls) Notice 2017 for controls relating to emergency response plans, secondary containment and signage for substances that are hazardous to the environment
  - HSW (HS) Regulations for controls relating to emergency response plans, secondary containment and signage for class 1 to 8 substances in workplaces (refer section 4.4 below).

### **Fate of existing prescribed default controls transferred to HSW**

4.4. The following existing prescribed controls intended to manage hazards arising in or from workplaces have been replaced by new default requirements under the HSW (HS) Regulations or a HSW Safe Work Instrument:

- Controls specified under the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 to protect people from substances with explosive properties are replaced by requirements specified in Part 8 and Part 9 of the HSW (HS) Regulations.
- Controls specified under the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 to protect people from substances with flammable properties are replaced by requirements specified in Part 8 and Part 10 of the HSW (HS) Regulations.
- Controls specified under the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 to protect people from substances with oxidising properties are replaced by requirements specified in Part 8 and Part 12 of the HSW (HS) Regulations.
- Controls specified under the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 to protect people from organic peroxides are replaced by requirements specified in Part 8 and Part 12 of the HSW (HS) Regulations.
- Controls specified under the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001 to protect people from toxic and corrosive effects are replaced by requirements specified in Part 13 of the HSW (HS) Regulations.
- Controls for persons in charge specified under the Hazardous Substances (Identification), (Disposal) and (Emergency Management) Regulations 2001 are now specified in Part 2 of the HSW (HS) Regulations.

- Controls for emergency response plans for class 1 to 8 substances specified under the Hazardous Substances (Emergency Management) Regulations 2001 are now specified in Part 5 of the HSW (HS) Regulations.
  - Controls for secondary containment for class 1 to 8 substances specified under the Hazardous Substances (Emergency Management) Regulations 2001 are now specified in Parts 10, 12, 13 and 17 of the HSW (HS) Regulations.
  - Controls for signage for class 1 to 8 substances specified under the Hazardous Substances (Emergency Management) Regulations 2001 are now specified in Part 2 of the HSW (HS) Regulations.
  - Controls on fire extinguishers specified under the Hazardous Substances (Emergency Management) Regulations 2001 are now specified in Part 5 of the HSW (HS) Regulations.
  - Controls specified under the Hazardous Substances (Compressed Gases) Regulations 2004 are now specified in Part 15 of the HSW (HS) Regulations.
  - Controls specified under the Hazardous Substances (Tank Wagon and Transportable Containers) Regulations 2004 are now specified in Part 16 of the HSW (HS) Regulations.
  - Controls specified under Schedules 8 and 9 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 are now specified in Part 17 of the HSW (HS) Regulations.
  - Controls specified under Schedule 10 of the Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 are now specified in Part 11 of the HSW (HS) Regulations.
  - Controls specified under Schedule 12 of Hazardous Substances (Dangerous Goods and Scheduled Toxic Substances) Transfer Notice 2004 are now specified in Part 13 of the HSW (HS) Regulations.
- 4.5. There are certain controls that no longer apply to some substances because the requirement was removed when the existing prescribed control was replaced by one with a higher threshold in the HSW (HS) Regulations. These changes occurred on 1 December 2017. Examples include:
- For certain class 6 and 8 substances, the requirement for an approved handler was removed when the existing prescribed control was replaced by regulations 13.9 and 13.11 of the HSW (HS) Regulations. For class 2, 3, 4 and 5 substances the requirement for an approved handler was removed entirely. A certified handler is now required only for explosives, 6.1A (acute toxicity Category 1) and 6.1B (acute toxicity Category 2) substances, and any substance that requires a controlled substance licence. However, these regulations require that all substances comply with regulations 4.5-4.6 of the HSW (HS) Regulations which requires PCBUs to ensure that workers using hazardous substances are provided with appropriate information, training, instruction, and supervision specific to the substances used. Substances with 6.1C (acute toxicity Category 3) classifications are also subject to security requirements (regulation 13.10). Also of note is that 6.1C (acute toxicity Category 3) substances are restricted to workplace use only by clause 13 of the Hazardous Substances (Hazardous Property Controls) Notice 2017, along with specific notification and record-keeping requirements.
  - For certain substances, the existing prescribed tracking requirement was replaced by Part 19 of the HSW (HS) Regulations. Under these regulations, tracking is no longer triggered by the 6.1C (acute toxicity Category 3) classification.

## Fate of certain additional / varied controls

- 4.6. A number of additional / varied controls set in the original approvals do not need to be carried across into the reissued approvals because they are covered by the default provisions in one or more EPA Notices. Examples include:
- Measures to avoid significant adverse effects to the environment beyond the application area when applying pesticides that are hazardous to the environment are specified as a default control in the Hazardous Substances (Hazardous Property Controls) Notice 2017 (clause 46). Associated labelling provisions are specified as a default control in the Hazardous Substances (Labelling) Notice 2017 (clause 19);
  - The prohibition to apply a substance that is hazardous to the aquatic environment directly into or onto water is a default control in the Hazardous Substances (Hazardous Property Controls) Notice 2017 (clause 52). Associated labelling provisions are specified as a default control in the Hazardous Substances (Labelling) Notice 2017 (clause 20);
  - Measures to protect invertebrate pollinators from substances that are hazardous to terrestrial invertebrates are specified as a default control in the Hazardous Substances (Hazardous Property Controls) Notice 2017 (clause 58). Associated labelling provisions are specified as a default control in the Hazardous Substances (Labelling) Notice 2017 (clause 24). Variations to this control (such as the setting of non-contact periods) are now set as variations to clause 58 of the Hazardous Substances (Hazardous Property Controls) Notice 2017; and
  - The requirement for labels to include information on any application restrictions and buffer zone distances set for an agrichemical are specified as a default control in the Hazardous Substances (Labelling) Notice 2017 (clause 25). Application restriction controls are set as a variation to clause 50 of the Hazardous Substances (Hazardous Property Controls) Notice 2017, and buffer zone distance controls are set as a variation to clause 51 of the Hazardous Substances (Hazardous Property Controls) Notice 2017.
- 4.7. A number of additional / varied controls set in the original approvals do not need to be carried across into the reissued approvals because they are workplace controls that have been replaced by new requirements in regulations under the HSW (HS) Regulations or a HSW Safe Work Instrument. For example additional or varied controls relating to personal protective equipment (PPE) are replaced by requirements specified in Part 13 of the HSW (HS) Regulations (Regulations 13.8) as well as within the Health and Safety at Work (General Risk and Workplace) Regulations 2016.
- 4.8. Other than situations such as those described above, the general approach was to retain any additional / varied controls that were set on the original approval. In many cases, the wording of these controls needed to be modified due to changes in the legislative instruments that are now in effect compared to those that were in effect when the substance was originally approved. Some changes were also made to make the wording of some controls consistent across multiple approvals.

## Other considerations

- 4.9. In regards to decision-making, it is also necessary to consider other relevant sections of the Act, namely sections 4 to 8. These sections are the purpose of the Act, the principles and matters to consider in order to achieve the purpose of the Act and the requirement to exercise caution when managing adverse effects and take into account the principles of the Treaty of Waitangi. However, the process to reissue an approval is entirely administrative in nature. In particular, there is no risk assessment involved in this process. Therefore, there are no additional matters to consider arising from these sections.

- 4.10. After all these matters have been considered, the list of controls that applies to each of the substances following reissue is set out in the Appendices of each of the reissued approvals.

## 5. Transitional provisions

- 5.1. Transitional provisions are included in the EPA Notices for Labelling, Safety Data Sheets and Packaging. Specifically, a four year transitional period applies from the date the approval is reissued. The deadline for compliance with these notices is therefore 30 April 2025.
- 5.2. This transitional period is considered sufficient time to allow industry to update their labels, safety data sheets and packaging in order to comply with any updated requirements.
- 5.3. During the transitional period, a person must either comply with the controls under the previous approval, or the controls set in the relevant EPA Notices as amended in 2020.
- 5.4. No transitional period has been provided for the Hazardous Substances (Disposal) Notice 2017 or the Hazardous Substances (Hazardous Property Controls) Notice 2017. The requirements in these notices must be complied with from the date the approval is reissued.

## 6. Consultation

- 6.1. The list of the individual approvals proposed for reissue or revocation, along with their new classifications, was included in Appendix 6 to the consultation document released on 8 June 2020. Feedback was requested on the proposed GHS classification assigned to each approval, and on the proposal to reissue or revoke each approval. The consultation closed on 4 August 2020.
- 6.2. A total of twenty-eight submissions were received on this second consultation. Concerns and queries raised in the submissions were investigated by the project team and responses provided in the submission analysis report which is available on the EPA website<sup>5</sup>.
- 6.3. This submission report also summarises submitters' comments on each the five proposals included in the consultation document, and provides the EPA's response and recommendations.

## 7. Information available for consideration

- 7.1. The information available for this consideration includes:
- A list of substances to be reissued
  - Their old and new classifications
  - Information on the mapping of controls
  - Their new approvals documents.

## 8. Decision

- 8.1. Pursuant to clause 4 of Schedule 7 of the Act, I have considered the reissue of the 93 approvals listed in Appendix 1.
- 8.2. I have considered the matters raised in sections 4 to 8 of the Act, but, given the nature of the reissue is administrative, there are no further considerations required in order to achieve the purpose of the Act.

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<sup>5</sup> Submission analysis report for June 2020 Consultation: <https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/GHS2/GHS-submission-analysis-report-oct20.pdf>

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**Decision to Reissue Approvals**

- 8.3. I consider it appropriate to reissue the approvals listed in Appendix 1 with the controls set out in the individual reissued approval documents in accordance with clause 4 of Schedule 7 of the Act. Therefore the new approvals are now made either under section 29 of the Act (for deemed approvals) or under the section it was originally granted (for Part 5 approvals), in accordance with clause 4(5) of Schedule 7, and Schedule 7 no longer applies to the new approvals. Given the hazard classification system came into effect on the 30 April 2021, this decision will have immediate effect.
- 8.4. The transitional provisions of the relevant EPA Notices apply to the reissued approvals for the transitional period which begins on the date of reissue and ends on 30 April 2025.



Signed by:

Date: 17 December 2021

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Dr Allan L Freeth

Chief Executive, EPA

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## Appendix 1: Substance approvals to be reissued

Table 1 below lists the 93 substances to be reissued, together with their approval codes, previous HSNO classifications and their new classifications.

**Table 1: Substances updated to new hazard classifications**

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Flo XS	HSR000939	3.1A, 6.1E (All), 6.1E (O), 6.1E (D), 6.4A	Flammable liquid Category 1, Aspiration hazard Category 1, Eye irritation Category 2
Salinomycin (mycelial form)	HSR000967	6.1B (All), 6.1B (O), 6.1E (D), 6.3A, 6.9B (All), 6.9B (O), 8.3A, 9.1B (All), 9.1B (F), 9.1B (A), 9.1C (C), 9.2B, 9.3A	Acute oral toxicity Category 2, Skin irritation Category 2, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
P70	HSR001614	3.1C, 6.1D (All), 6.1D (O), 6.5B, 6.7B, 8.2B, 8.3A, 9.1A (All), 9.1A (M), 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Hazardous to the aquatic environment acute Category 1
Claridox technical	HSR001630	6.1D (All), 6.1D (O), 6.5B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (Oth), 9.3B, 9.4A	Acute oral toxicity Category 4, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1
Curox Catalyst 2000	HSR001631	3.1D, 5.2D, 6.1D (All), 6.1D (O), 6.1D (D), 6.3B, 6.9B (All), 6.9B (O), 8.3A, 9.1C (All), 9.1C (M), 9.3B	Flammable liquid Category 4, Organic peroxide Type D, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 3
Cortes VCI-307/VpCI/VmCI-Powder	HSR001730	6.1C (All), 6.1C (O), 8.2C, 8.3A, 9.1B (All), 9.1B (A), 9.3B	Acute oral toxicity Category 3, Skin corrosion Category 1C, Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2
Tetraethyl lead 60 - 100% and 1,2 dibromoethane 30 - 60%	HSR007596	3.1D, 6.1A (All), 6.1A (O), 6.1A (D), 6.1A (I), 6.3A, 6.4A, 6.7A, 6.8A, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.3A	Flammable liquid Category 4, Acute oral toxicity Category 1, Acute dermal toxicity Category 1, Acute inhalation toxicity Category 1, Skin irritation Category 2, Eye irritation Category 2, Carcinogenicity Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Aquaregia (hydrochloric acid, 75% and nitric acid, 25%)	HSR007604	6.1B (All), 6.1B (I), 6.1D (O), 6.1D (D), 6.9B (All), 6.9B (I), 8.1A, 8.2B, 8.3A, 9.1D (All), 9.1D (F), 9.1D (C), 9.3C	Corrosive to metals Category 1, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 2, Skin corrosion Category 1B, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2
No More Big Gaps	HSR007612	2.1.2A, 6.1C (All), 6.1C (I), 6.3B, 6.4A, 6.9A (All), 6.9A (I)	Aerosol Category 1, Acute inhalation toxicity Category 3, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1
OZ Foam Marine/Sika Boom	HSR007613	6.1B (All), 6.1B (I), 6.3A, 6.4A, 6.5A, 6.5B, 6.7B, 6.9A (All), 6.9A (I)	Aerosol Category 1, Acute inhalation toxicity Category 2, Skin irritation Category 2, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Pollyfilla Expanding Foam	HSR007614	2.1.2A, 6.1C (All), 6.1C (I), 6.3B, 6.5A, 6.5B, 6.7B, 6.9A (All), 6.9A (I)	Aerosol Category 1, Acute inhalation toxicity Category 3, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1
Catalyst Cumene Hydroperoxide	HSR007616	5.2E, 6.1B (All), 6.1B (D), 6.1D (I), 6.1D (O), 6.6B, 6.9A (All), 6.9A (Oth), 8.2B, 8.3A, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A), 9.3B	Organic peroxide Type E, Acute oral toxicity Category 4, Acute dermal toxicity Category 2, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Germ cell mutagenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 2
Formula 524A	HSR007618	5.1.1B, 6.1D (All), 6.1D (O), 6.5A, 6.5B, 6.6A, 6.7A, 6.8B, 6.9B (All), 6.9B (O), 8.1A, 8.2B, 8.3A, 9.1B (All), 9.1B (F), 9.2C, 9.3C	Oxidising liquid Category 2, Corrosive to metals Category 1, Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 1, Carcinogenicity Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Okemcoat F1	HSR007619	5.1.1B, 6.1D (All), 6.1D (O), 6.5A, 6.5B, 6.6A, 6.7A, 6.8B, 8.1A, 8.2B, 8.3A, 9.1B (All), 9.1B (F), 9.2C, 9.3C	Oxidising liquid Category 2, Corrosive to metals Category 1, Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 1, Carcinogenicity Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment chronic Category 2
HEEF 25 NC Conversion	HSR007620	5.1.1B, 6.1C (All), 6.1C (O), 6.1D (D), 6.3A, 6.4A, 6.5A, 6.5B, 6.6A, 6.7A, 6.8A, 6.9B (All), 6.9B (O), 9.1B (All), 9.1B (C), 9.2C, 9.3C	Oxidising liquid Category 2, Acute oral toxicity Category 3, Acute dermal toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 1, Carcinogenicity Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Fuel, >60% methanol, <25% nitromethane	HSR007623	3.1B, 6.1C (All), 6.1C (O), 6.1C (D), 6.1C (I), 6.4A, 6.7B, 6.8B, 6.9A (All), 6.9A (O), 9.3C	Flammable liquid Category 2, Acute oral toxicity Category 3, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 3, Eye irritation Category 2, Carcinogenicity Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1
Fuel, >30% diethyl ether, >40% kerosene	HSR007624	3.1B, 6.1E (All), 6.1E (O), 6.3B, 6.4A, 9.1B (All), 9.1B (F)	Flammable liquid Category 2, Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 2
BeeScent	HSR007638	6.3B, 6.5B, 6.9B (All), 6.9B (O)	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2
DAP Diffuser	HSR007686	6.1E (All), 6.1E (O), 6.3B, 9.1A (All)	Aspiration hazard Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
DAP Spray	HSR007687	3.1B, 6.1E (All), 6.1E (O), 6.3B, 6.4A, 9.1A (All)	Flammable liquid Category 2, Aspiration hazard Category 1, Eye irritation Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Feliway Diffuser	HSR007688	6.1E (All), 6.1E (O), 6.3B, 9.1A (All)	Aspiration hazard Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Feliway Spray	HSR007689	3.1B, 6.3B, 6.4A	Flammable liquid Category 2, Eye irritation Category 2
Methanol, Potassium Salt	HSR007896	4.2B, 6.1D (All), 6.1D (O), 8.2B, 8.3A	Self-heating substances and mixtures Category 1, Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Liquid Bromatrol	HSR007909	6.1B (I), 6.1B (All), 6.1D (O), 6.1D (D), 6.9B (All), 6.9B (O), 9.3A	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates
Formula C5	HSR007946	2.1.2A, 6.1D (All), 6.1D (I), 6.1E (D), 6.3A, 6.4A, 6.7B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	Aerosol Category 1, Acute inhalation toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Lucilure A	HSR100093	6.1D (All), 6.1D (O), 6.1E (D), 8.2B, 8.3A, 9.1A (All), 9.1A (C), 9.1A (M), 9.3C	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
Lucilure C	HSR100094	8.2C, 8.3A	Skin corrosion Category 1C, Serious eye damage Category 1
Lucilure B	HSR100095	3.1D, 6.1B (All), 6.1B (D), 6.1C (I), 6.1C (O), 6.3A, 6.5B, 8.3A, 9.1A (All), 9.1A (C), 9.1A (M), 9.1C (A), 9.1D (F), 9.2D, 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 3, Acute dermal toxicity Category 2, Acute inhalation toxicity Category 3, Skin irritation Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Azoxystrobin	HSR100142	6.1C (All), 6.1C (I), 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.2C	Acute inhalation toxicity Category 3, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2
Curb Crop Spray Powder	HSR100437	6.4A	Eye irritation Category 2
Lurem-TR	HSR100566	6.3B, 6.4A	Eye irritation Category 2
Lure C	HSR100673	6.3A, 6.4A, 9.1A (All), 9.1A (F)	Skin irritation Category 2, Eye irritation Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Lure ME	HSR100674	6.1D (All), 6.1D (O), 6.7B, 9.3C	Acute oral toxicity Category 4, Carcinogenicity Category 2, Hazardous to terrestrial vertebrates
Lure TML	HSR100675	6.1E (All), 6.1E (O), 9.1A (All), 9.1A (C), 9.1B (F)	Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Lure SC-3	HSR100676	6.3A, 8.3A, 9.3C	Skin irritation Category 2, Serious eye damage Category 1, Hazardous to terrestrial vertebrates
Liquid Fence Goose Repellent	HSR100697	6.3A, 6.4A, 9.1C (All), 9.1C (M)	Skin irritation Category 2, Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 3
Beekeeper	HSR100867	6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M)	Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2
Daltofoam MA 02174	HSR100944	3.1A, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3A, 6.4A, 6.5B, 9.1C (All), 9.1C (F), 9.1C (M)	Flammable liquid Category 1, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Aspiration hazard Category 1, Hazardous to the aquatic environment chronic Category 3

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Capstone FS-60	HSR100960	3.1C, 6.1A (All), 6.1A (I), 6.3B, 6.9A (All), 6.9A (O), 6.9A (I), 9.1B (All), 9.1B (M)	Flammable liquid Category 3, Acute inhalation toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 2
Capstone FS-61	HSR100961	6.1A (All), 6.1A (I), 6.9A (All), 6.9A (O), 9.1C (All), 9.1C (M)	Acute inhalation toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 3
Capstone FS-63	HSR100962	3.1C, 6.1A (All), 6.1A (I), 6.3B, 6.4A, 6.9A (All), 6.9A (O), 9.1B (All), 9.1B (M)	Flammable liquid Category 3, Acute inhalation toxicity Category 1, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 2
Capstone ST-300	HSR100963	6.1A (All), 6.1A (I), 6.9A (All), 6.9A (O), 9.1C (All), 9.1C (M)	Acute inhalation toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 3
3M Scotch-Weld Super 77 Cylinder Spray Adhesive (clear)	HSR101092	2.1.2A, 6.1E (All), 6.1E (Oth), 6.3B, 6.4A, 6.9B (All), 6.9B (I), 9.1B (All), 9.1B (M)	Aerosol Category 1, Aspiration hazard Category 1, Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 2
ACPB-70	HSR101124	3.1A, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3B, 6.4A, 9.1C (All), 9.1C (M)	Flammable liquid Category 1, Aspiration hazard Category 1, Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 3
D4D	HSR101131	3.1B, 6.1E (All), 6.1E (O), 6.3B, 6.4A, 6.6A, 6.7A, 6.9B (All), 6.9B (I), 9.1B (All), 9.1B (M)	Flammable liquid Category 2, Eye irritation Category 2, Germ cell mutagenicity Category 1, Carcinogenicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Petrol (unleaded)	HRC000003	3.1A, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
E10 - Petrol-ethanol blends containing 1% to 10% ethanol by volume	HSR000073	3.1A, 6.1E (All), 6.1E (O), 6.1E (D), 6.1E (I), 6.3B, 6.4A, 6.7B, 9.1B (All), 9.1B (M)	Flammable liquid Category 1, Aspiration hazard Category 1, Eye irritation Category 2, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
E85 - Petrol-ethanol blends containing 70% to 90% ethanol by volume	HSR008039	3.1A, 6.1E (All), 6.1E (Oth), 6.3B, 6.4A, 6.7B, 9.1B (All), 9.1B (M)	Flammable liquid Category 1, Aspiration hazard Category 1, Eye irritation Category 2, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
Aviation gasoline and racing gasoline (Avgas 100 and Avgas 100LL)	HSR001442	3.1A, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 6.8A, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Reproductive toxicity Category 1, Hazardous to the aquatic environment chronic Category 2
Low flashpoint diesel (low flash domestic heating oil and alpine diesel)	HSR001447	3.1C, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 3, Aspiration hazard Category 1, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
Diesel fuel (automotive gas oil and marine diesel fuel)	HSR001441	3.1D, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 4, Aspiration hazard Category 1, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
B21-B99 biodiesel/mineral diesel blends	HSR007902	3.1D, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All)	Flammable liquid Category 4, Aspiration hazard Category 1, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 2
Kerosene (kerosine)	HSR001049	3.1C, 6.1E (All), 6.1E (O), 6.3B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 3, Aspiration hazard Category 1, Hazardous to the aquatic environment chronic Category 2
Mineral turpentine	HSR001482	3.1C, 6.1E (All), 6.1E (O), 6.3B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 3, Aspiration hazard Category 1, Hazardous to the aquatic environment chronic Category 2

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Crude oils - extremely flammable	HSR001238	3.1A, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1C (All), 9.1C (C)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 3
Crude oils - highly flammable	HSR001483	3.1B, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1C (All), 9.1C (C), 9.1C (A)	Flammable liquid Category 2, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 3
Crude oils - flammable	HSR001484	3.1C, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1C (All), 9.1C (C), 9.1C (A)	Flammable liquid Category 3, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 2
Crude oils - low flammability	HSR001485	3.1D, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1C (All), 9.1C (C), 9.1C (A)	Flammable liquid Category 4, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 2
Fuel oils	HSR001480	3.1D, 6.3B, 6.7B, 9.1C (All), 9.1C (F), 9.1C (C), 9.1C (A)	Flammable liquid Category 4, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 3
Fuel oil manufactured from waste lubricating oil	HSR001522	3.1D, 6.3B, 6.7B, 9.1C (All)	Flammable liquid Category 4, Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 3
Non-flammable fuel oil manufactured from waste lubricating oil	HSR100772	6.3B, 6.7B, 9.1C (All), 9.1C (M)	Carcinogenicity Category 2, Hazardous to the aquatic environment chronic Category 3
Cutback bitumen (containing more than 10% kerosene)	HSR001508	3.1D, 6.3B, 9.1C (All)	Flammable liquid Category 4, Hazardous to the aquatic environment chronic Category 3
Cutback bitumen (containing more than 7% but less than 10% kerosene)	HSR001519	3.1D	Flammable liquid Category 4
Aliphatic hydrocarbon solvents - very low flashpoint	HSR001493	3.1A, 6.1E (All), 6.1E (O), 6.3B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 1, Aspiration hazard Category 1, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 2
Low aromatic hydrocarbon solvents - very low flashpoint	HSR001506	3.1A, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 2
Medium aromatic hydrocarbon solvents - very low flashpoint	HSR001507	3.1A, 6.1E (All), 6.1E (O), 6.3B, 6.7B, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to the aquatic environment chronic Category 2
LPG (liquified petroleum gas)	HSR001009	2.1.1A	Flammable gas Category 1A, Liquefied gas
Butane	HSR000989	2.1.1A	Flammable gas Category 1A, Liquefied gas
Propane	HSR001010	2.1.1A	Flammable gas Category 1A, Liquefied gas
Propane, 2-methyl- (isobutane)	HSR001003	2.1.1A	Flammable gas Category 1A, Liquefied gas

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Interline 984 Part B	HSR000127	3.1C, 6.1C (All), 6.1C (I), 6.1D (O), 6.5B, 6.9B (All), 8.2C, 8.3A, 9.1B (All), 9.2C, 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute inhalation toxicity Category 3, Skin corrosion Category 1C, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Hardener H58 Yellow	HSR000969	3.1C, 6.1D (All), 6.1D (O), 6.1D (I), 6.8B, 6.9B (All), 6.9B (I), 8.2A, 8.3A, 9.1A (All), 9.1A (F), 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1A, Serious eye damage Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Fuelsolv FMG2960	HSR001670	3.1D, 6.1E (All), 6.1E (O), 6.3B, 6.4A, 6.5B, 6.7B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (C)	Flammable liquid Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
FM003NC	HSR002429	6.1B (All), 6.1B (O), 6.9A (All), 6.9A (O), 9.3B	Acute oral toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates
MacDermid Bronze Plating Salts	HSR007617	6.1A (All), 6.1A (I), 6.1B (O), 6.1B (D), 6.5B, 6.8B, 6.9A (All), 6.9A (O), 8.1A, 8.2B, 8.3A, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A), 9.2B, 9.3A	Corrosive to metals Category 1, Acute oral toxicity Category 2, Acute dermal toxicity Category 2, Acute inhalation toxicity Category 1, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 2
4'-Aminopropiophenone	HSR006967	6.1B (All), 6.1B (O), 6.9A (All), 6.9A (O), 9.3B	Acute oral toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Specific target organ toxicity (single exposure) Category 1, Hazardous to terrestrial vertebrates
Formula C4	HSR007945	3.1D, 6.1D (All), 6.1D (O), 6.1D (I), 6.1E (D), 6.3A, 6.4A, 6.7B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Picaridin	HSR007997	6.1E (All), 6.1E (O), 6.4A, 9.1D (All), 9.1D (A)	Eye irritation Category 2
Thiacloprid	HSR100091	6.1D (All), 6.1D (O), 6.1D (I), 6.7B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 9.1A (All), 9.1A (Oth), 9.1A (C), 9.1D (A), 9.1D (F), 9.2C, 9.3A, 9.4C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Carcinogenicity Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Aluminate (1-), tetrahydro-, lithium, (T-4)-, ethereal low flashpoint	HSR100403	3.1B, 4.3A, 6.1B (All), 6.9A (All), 8.2C, 8.3A, 9.1D (All), 9.3C	Flammable liquid Category 2, Substances and mixtures which, in contact with water, emits flammable gases Category 1, Acute oral toxicity Category 2, Skin corrosion Category 1C, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 1
Rejex-It Fog Force	HSR100438	6.1E (All), 6.1E (I), 6.3A, 9.1B (All), 9.1B (M)	Skin irritation Category 2, Hazardous to the aquatic environment chronic Category 2
Migrate	HSR100439	9.1C (All)	Hazardous to the aquatic environment chronic Category 3

## Decision to Reissue Approvals

Substance Name	Approval Number	Previous Hazard Classification	Hazard Classification
Guazatine	HSR100463	6.1B (All), 6.1B (I), 6.1C (O), 6.1C (D), 6.9A (All), 6.9A (O), 8.2C, 8.3A, 9.1A (All), 9.1A (C), 9.1A (A), 9.1B (F), 9.3B	Acute oral toxicity Category 3, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 2, Skin corrosion Category 1C, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Nitric acid, 65-70% aqueous solution	HSR100763	5.1.1C, 6.1D (All), 6.1D (I), 6.9B (I), 8.1A, 8.2B, 8.3A	Oxidising liquid Category 3, Corrosive to metals Category 1, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2
Tracesure I	HSR100767	6.1C (All), 6.1C (O), 6.3B, 6.5B, 6.6B, 6.7B, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3B	Acute oral toxicity Category 3, Skin sensitisation Category 1, Germ cell mutagenicity Category 2, Carcinogenicity Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Tracesure Se/I	HSR100768	6.1C (All), 6.1C (O), 6.5B, 6.6B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	Acute oral toxicity Category 3, Skin sensitisation Category 1, Germ cell mutagenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
HFO-1234yf	HSR101217	2.1.1A	Flammable gas Category 1B
Ethanol, >10 - 24% in a non hazardous diluent	HSR006708	3.1C, 6.4A	Flammable liquid Category 3, Eye irritation Category 2
Ethanol, >24 - 50% in a non hazardous diluent	HSR006707	3.1C, 6.4A	Flammable liquid Category 3, Eye irritation Category 2
Ethanol, >50% in a non hazardous diluent	HSR006424	3.1B, 6.4A	Flammable liquid Category 2, Eye irritation Category 2
Flock Off	HSR101257	6.1D (All), 6.1D (I), 6.3A, 6.4A, 9.1D (All), 9.1D (M)	Acute inhalation toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2
Taskforce	HSR100390	6.1D (All), 6.1D (I), 6.3B, 6.4A, 6.9B (All), 6.9B (D)	Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2
Suspension concentrate containing 520 g/L haloxyfop-R-methyl	HSR101354	6.1D (All), 6.1D (O), 6.3B, 6.4A, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3B	Acute oral toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

## Appendix 2: Correlation Table

Table 2 below shows the conversion from the Pre-2021 HSNO classifications to their new hazard classifications.

**Table 2: Correlation Table**

### Physical Hazards

Column 1 Pre-2021 HSNO classification	Column 2 Equivalent new classification
Explosives (class 1)	
	unstable explosive
1.1 (A, B, C, D, E, F, G, J, L)	1.1 (A, B, C, D, E, F, G, J, L)
1.2 (B, C, D, E, F, G, H, J, K, L)	1.2 (B, C, D, E, F, G, H, J, K, L)
1.3 (C, F, G, H, J, K, L)	1.3 (C, F, G, H, J, K, L)
1.4 (B, C, D, E, F, G, S)	1.4 (B, C, D, E, F, G, S)
1.5D	1.5D
1.6N	1.6N
Flammable gases	
2.1.1A	flammable gas Category 1A flammable gas Category 1A pyrophoric gas flammable gas Category 1A chemically unstable gas A flammable gas Category 1A chemically unstable gas B flammable gas Category 1B <i>Note: Some flammable gases Category 1A may be additionally classified as pyrophoric and/or chemically unstable.</i>
2.1.1B	flammable gas Category 2
Aerosols	
2.1.2A (flammable aerosol)	aerosol Category 1 aerosol Category 2
	aerosol Category 3
Gases under pressure	
	compressed gas liquefied gas refrigerated liquefied gas dissolved gas
Flammable liquids	
3.1A	flammable liquids Category 1
3.1B	flammable liquids Category 2
3.1C	flammable liquids Category 3
3.1D	flammable liquids Category 4
Desensitised explosives	
3.2A (liquid) and 4.1.3A (solid)	desensitised explosive Category 1
3.2B (liquid) and 4.1.3B (solid)	desensitised explosive Category 2
3.2C (liquid) and 4.1.3C (solid)	desensitised explosive Category 3
	desensitised explosive Category 4



Flammable solids	
4.1.1A	flammable solids Category 1
4.1.1B	flammable solids Category 2
Self-reactive substances and mixtures	
4.1.2A	self-reactive substances and mixtures Type A
4.1.2B	self-reactive substances and mixtures Type B
4.1.2C	self-reactive substances and mixtures Type C
4.1.2D	self-reactive substances and mixtures Type D
4.1.2E	self-reactive substances and mixtures Type E
4.1.2F	self-reactive substances and mixtures Type F
4.1.2G	self-reactive substances and mixtures Type G
Pyrophoric liquids, pyrophoric solids, self-heating substances and mixtures	
4.2A	pyrophoric liquids Category 1, or pyrophoric solids Category 1
4.2B	self-heating substances and mixtures Category 1
4.2C	self-heating substances and mixtures Category 2
Substances and mixtures which, in contact with water, emit flammable gases	
4.3A	substances and mixtures which, in contact with water, emit flammable gases Category 1
4.3B	substances and mixtures which, in contact with water, emit flammable gases Category 2
4.3C	substances and mixtures which, in contact with water, emit flammable gases Category 3
Oxidising substances that are liquids or solids	
5.1.1A	oxidising liquids Category 1, or oxidising solids Category 1
5.1.1B	oxidising liquids Category 2, or oxidising solids Category 2
5.1.1C	oxidising liquids Category 3, or oxidising solids Category 3
Oxidising gases	
5.1.2A	oxidising gases Category 1
Organic peroxides	
5.2A	organic peroxide Type A
5.2B	organic peroxide Type B
5.2C	organic peroxide Type C
5.2D	organic peroxide Type D
5.2E	organic peroxide Type E
5.2F	organic peroxide Type F
5.2G	organic peroxide Type G

Corrosive to metals	
8.1A	corrosive to metals Category 1

**Health Hazards**

Column 1 Pre-2021 HSNO classification	Column 2 Equivalent classification under this notice
Acute toxicity	
6.1A (oral, dermal, inhalation)	acute oral toxicity Category 1 acute dermal toxicity Category 1 acute inhalation toxicity Category 1
6.1B (oral, dermal, inhalation)	acute oral toxicity Category 2 acute dermal toxicity Category 2 acute inhalation toxicity Category 2
6.1C (oral, dermal, inhalation)	acute oral toxicity Category 3 acute dermal toxicity Category 3 acute inhalation toxicity Category 3
6.1D (oral, dermal, inhalation)	acute oral toxicity Category 4 acute dermal toxicity Category 4 acute inhalation toxicity Category 4
6.1E (oral, dermal, inhalation)	<b>Note: acute toxicity Category 5 has not been adopted</b>
Aspiration hazard	
6.1E (aspiration hazard)	aspiration hazard Category 1 <b>Note: aspiration hazard Category 2 has not been adopted</b>
Respiratory tract irritation	
6.1E (respiratory tract irritant)	specific target organ toxicity – single exposure Category 3 respiratory tract irritation
Skin corrosion/irritation	
8.2A	skin corrosion Category 1A
8.2B	skin corrosion Category 1B
8.2C	skin corrosion Category 1C
6.3A	skin irritation Category 2
6.3B	<b>Note: skin irritation Category 3 has not been adopted</b>
Serious eye damage/eye irritation	
8.3A	serious eye damage Category 1
6.4A	eye irritation Category 2 <b>Note: The subcategories 2A and 2B have not been adopted.</b>
Respiratory or skin sensitisation	
6.5A	respiratory sensitisation Category 1
6.5B	skin sensitisation Category 1
Germ cell mutagenicity	
6.6A	germ cell mutagenicity Category 1
6.6B	germ cell mutagenicity Category 2
Carcinogenicity	
6.7A	carcinogenicity Category 1

6.7B	carcinogenicity Category 2
Reproductive toxicity	
6.8A	reproductive toxicity Category 1
6.8B	reproductive toxicity Category 2
6.8C (additional category for effects on or via lactation)	effects on or via lactation
Specific target organ toxicity	
6.9A (oral, dermal, inhalation)	specific target organ toxicity – single exposure Category 1 specific target organ toxicity – repeated exposure Category 1
6.9B (oral, dermal, inhalation)	specific target organ toxicity – single exposure Category 2 specific target organ toxicity – repeated exposure Category 2
6.9B (narcotic effects)	specific target organ toxicity – single exposure Category 3 narcotic effects

### Environmental Hazards

Column 1 Pre-2021 HSNO classification	Column 2 Equivalent classification under this notice
Hazardous to the aquatic environment	
9.1A	hazardous to the aquatic environment acute Category 1 hazardous to the aquatic environment chronic Category 1
9.1B	hazardous to the aquatic environment chronic Category 2
9.1C	hazardous to the aquatic environment chronic Category 3
9.1D	hazardous to the aquatic environment chronic Category 4 <b>Note: hazardous to the aquatic environment acute Category 2 and acute Category 3 have not been adopted</b>
Hazardous to the terrestrial environment	
9.2A, 9.2B, 9.2C, 9.2D	hazardous to soil organisms
9.3A, 9.3B, 9.3C	hazardous to terrestrial vertebrates
9.4A, 9.4B, 9.4C	hazardous to terrestrial invertebrates
9.1D (designed for biocidal action)	designed for biocidal action

## Appendix 3: Mapping of controls

The existing prescribed default controls that applied to the substances immediately before 1 December 2017 are shown in Table 3 beneath the heading “Original HSNO controls”. The columns beneath the heading “New HSNO controls” show the default HSNO controls that apply following the reissue. Details of these controls can also be found in the new approval documents for each reissued substance). The columns beneath the heading “New HSW requirements” show which Health & Safety at Work (Hazardous Substances) regulation applies. These are listed here for information purposes only.

**Table 3 Mapping of existing prescribed default controls to new default controls that will apply to reissued substances**

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Explosive substances	X 1	Classes 1-5 Controls Regulations	Reg 7	General test certification requirements for hazardous substance locations	Hazardous Property Controls Notice	Part 3, Subpart A	Requirements for using and storing hazardous substances in non-workplaces	Reg 8.1-8.2	Compliance certification
Explosive substances	X 2	Classes 1-5 Controls Regulations	Reg 8	Public transportation of class 1 to 5 substances				Reg 8.3-8.4	reg 8.3. Public transportation of class 1 to 5 substances (except for LPG) reg 8.4. Public transportation of LPG
Explosive substances	X 3	Classes 1-5 Controls Regulations	Reg 13	Approved handler/security requirements for explosives				Reg 9.3	Class 1 substances generally to be under control of approved handlers.
Explosive substances	X 4	Classes 1-5 Controls Regulations	Reg 14	General limits on location of explosives				Reg 9.10	Restrictions on location of class 1 substances
Explosive substances	X 5	Classes 1-5 Controls Regulations	Reg 15	Limits on impact or pressure shock				Reg 9.11	Limits on impact or pressure shock
Explosive substances	X 6	Classes 1-5 Controls Regulations	Regs 16, 17	Limits on spark energy, heat and fire				Reg 9.12-9.13	Limits on spark energy, heat and fire
Explosive substances	X 7	Classes 1-5 Controls Regulations	Reg 18	Limits on static electricity in relation to equipment				Reg 9.14	Limits on static electricity in relation to equipment
Explosive substances	X 8	Classes 1-5 Controls Regulations	Reg 19	Protection from stray electrical currents				Reg 9.15	Protection from stray electrical currents
Explosive substances	X 9	Classes 1-5 Controls Regulations	Reg 20	Protection from electromagnetic radiation				Reg 9.16	Protection from electromagnetic radiation
Explosive substances	X10	Classes 1-5 Controls Regulations	Regs 21 – 25	Segregation of incompatible substances and securing explosive substances				Regs 9.17 - 9.21	Segregation of incompatible substances and securing explosive substances
Explosive substances	X11	Classes 1-5 Controls Regulations	Regs 26 – 29, 31	Controls on hazardous substance locations where explosives are present				Regs 9.22 - 9.25 Reg 9.27	Requirements for hazardous substance location
Explosive substances	X12	Classes 1-5 Controls Regulations	Reg 30	Test certification requirement for hazardous substance locations where explosives are present				Reg 9.26	Requirement to have compliance certificate for hazardous substance location
Explosive substances	X13	Classes 1-5 Controls Regulations	Regs 32 – 34	Controls on intended detonation and deflagration of explosive substances				Regs 9.28 - 9.30	Duties of PCBU who directs detonation or deflagration of class 1 substances

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Explosive substances	X14	Classes 1-5 Controls Regulations	Regs 35 – 39,41 – 43	Controls on outdoor pyrotechnic displays using class 1 category G explosives				Regs 9.31 - 9.35 Regs 9.37 - 9.41	Requirements for outdoor pyrotechnic displays
Explosive substances	X15	Classes 1-5 Controls Regulations	Reg 40	Requirement to obtain test certificate for outdoor pyrotechnic displays using class 1 category G explosives				Reg 9.36	Compliance certificate for outdoor pyrotechnic displays
Explosive substances	X16	Classes 1-5 Controls Regulations	Regs 44, 45	Controls on indoor pyrotechnic displays using class 1 category G explosives				Regs 9.42 - 9.43	Requirements for indoor pyrotechnic displays
Explosive substances	X17	Classes 1-5 Controls Regulations	Regs 46 – 50	Requirements for the transfer of explosive substances				Regs 9.44 - 9.47	Transfer zones for class 1 substances
Explosive substances	X18	Classes 1-5 Controls Regulations	Regs 51 – 52	Requirements for the transportation of explosive substances by public road or rail				Regs 9.48 - 9.51	Transportation of class 1 substances
Flammable substances	F1	Classes 1-5 Controls Regulations	Reg 7	General test certification requirements for hazardous substance locations				Hazardous Property Controls Notice	Part 3, Subpart A  Clauses of particular relevance to flammable substances are clauses 16, 17, 19-21, 23, 26-31
Flammable substances	F2	Classes 1-5 Controls Regulations	Reg 8	Restrictions on the carriage of flammable substances on passenger service vehicles	Regs 8.3 - 8.4	Requirements for public transportation of class 1 to 5 substances			
Flammable substances	F3	Classes 1-5 Controls Regulations	Reg 55	General limits on flammable substances	Reg 10.3	General controls on class 2,3 and 4 substances			
Flammable substances	F4	Classes 1-5 Controls Regulations	Reg 56	Approved handler/security requirements for certain flammable substances. Refer comments.	Reg 10.4	Substances that must be secured Refer comments			
Flammable substances	F5	Classes 1-5 Controls Regulations	Regs 58, 59	Requirements regarding hazardous atmosphere zones for class 2.1.1, 2.1.2 and 3.1 substances	Regs 10.6 - 10.7	Duty of PCBU to establish a hazardous area			
Flammable substances	F6	Classes 1-5 Controls Regulations	Regs 60 – 70	Requirements to prevent unintended ignition of class 2.1.1, 2.1.2 and 3.1 substances	Regs 10.8 - 10.20	Requirements to prevent unintended ignition of class 2.1.1, 2.1.2 and 3.1 substances			

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements				
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description			
Flammable substances	F7	Classes 1-5 Controls Regulations	Regs 71, 72	Limits on ignition sources and temperature for class 3.2 and 4 substances				Regs 10.21 - 10.22	Limits on ignition sources and temperature for class 3.2 and 4 substances			
Flammable substances	F8	Classes 1-5 Controls Regulations	Reg 73	Requirements to prevent unintended ignition of class 4.1.1 substances				Reg 10.23	Requirements to prevent unintended ignition of class 4.1.1 substances			
Flammable substances	F9	Classes 1-5 Controls Regulations	Reg 74	Requirements to prevent unintended ignition of class 4.1.2 substances				Reg 10.24	Requirements to prevent unintended ignition of class 4.1.2 substances			
Flammable substances	F10	Classes 1-5 Controls Regulations	Reg 75	Requirements to prevent unintended ignition of class 3.2 and 4.1.3 substances				Reg 10.25	Requirements to prevent unintended ignition of class 3.2 and 4.1.3 substances			
Flammable substances	F11	Classes 1-5 Controls Regulations	Reg 76	Segregation of incompatible substances				Reg 10.5	Requirement to segregate class 2, 3, and 4 substances			
Flammable substances	F12	Classes 1-5 Controls Regulations	Regs 77	Requirement to establish a hazardous substance locations if flammable substances are present				Reg 10.26	Duty of PCBU to establish hazardous substance location			
Flammable substances	F13	Classes 1-5 Controls Regulations	Regs 78 – 80	Controls on hazardous substance locations where class 3.2 and 4 substances are present				Regs 10.27 - 10.29	Duty of PCBU to control adverse effects of unintended ignition of class 3.2 or 4 substances present at hazardous substance location			
Flammable substances	F14	Classes 1-5 Controls Regulations	Reg 81	Test certification requirements for facilities where class 2.1.1, 2.1.2 or 3.1 substances are present				Regs 10.34 - 10.35	Requirement to have compliance certificate if class 2.1.1, 2.1.2, or 3.1 substance present at hazardous substance location or in hazardous atmosphere zone			
Flammable substances	F15	Classes 1-5 Controls Regulations	Reg 82	Test certification requirements for facilities where class 3.2 or 4 substances are present				Reg 10.36	Requirement to have compliance certificate if class 3.2 or 4 substance present at hazardous substance location			
Flammable substances	F16	Classes 1-5 Controls Regulations	Reg 83	Controls on transit depots where flammable substances are present				Reg 10.37	Requirement for transit depot			
Oxidising substances	O1	Classes 1-5 Controls Regulations	Reg 7	General test certification requirements for hazardous substance locations				Hazardous Property Controls Notice	Part 3, Subpart A  Clauses of particular relevance to oxidising substances are	Requirements for using and storing hazardous substances in non-workplaces	Regs 8.1 - 8.2	Compliance certification
Oxidising substances	O2	Classes 1-5 Controls Regulations	Reg 8	Restrictions on the carriage of oxidising substances on passenger service vehicles							Regs 8.3 - 8.4	Requirements for public transportation of class 1 to 5 substances
Oxidising substances	O3	Classes 1-5 Controls Regulations	Reg 88	General limits on class 5.1.1 and 5.1.2 substances							Reg 12.2	General limits on class 5.1.1 and 5.1.2 substances

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements				
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description			
Oxidising substances	O4	Classes 1-5 Controls Regulations	Reg 89	Approved handler/security requirements for certain class 5.1.1 and 5.1.2 substances. Refer comments.		clauses 16, 17, 19-21, 24		Reg 12.3	Substances that must be secured			
Oxidising substances	O5	Classes 1-5 Controls Regulations	Reg 91	Requirements to prevent unintended combustion or explosion of class 5.1.1 and 5.1.2 substances				Reg 12.5	Requirements to reduce likelihood of unintended combustion or explosion of class 5.1.1 or 5.1.2 substance			
Oxidising substances	O6	Classes 1-5 Controls Regulations	Reg 92	Requirements for protective clothing and equipment				Reg 12.6	Duty of PCBU who directs work to ensure personal protective equipment used			
Oxidising substances	O7	Classes 1-5 Controls Regulations	Reg 93	Requirements to control adverse effects of spills or failure of containers				Reg 12.7	Requirements to control adverse effects of spills or failure of containers			
Oxidising substances	O8	Classes 1-5 Controls Regulations	Regs 94 – 97	Controls on hazardous substance locations where class 5.1.1 or 5.1.2 substances are present				Regs 12.8 - 12.10 Reg 12.12	Duty of PCBU to establish hazardous substance location where class 5.1.1 and 5.1.2 substances present and to control adverse effects of unintended combustion or explosion			
Oxidising substances	O9	Classes 1-5 Controls Regulations	Regs 98 – 100	Test certification requirements for hazardous substance locations where class 5.1.1 or 5.1.2 substances are present				Regs 12.17 - 12.19	Compliance certificate requirements			
Oxidising substances	O10	Classes 1-5 Controls Regulations	Reg 101	Controls on transit depots where class 5.1.1 or 5.1.2 substances are present				Reg 12.20	Controls on transit depots where class 5.1.1 or 5.1.2 substances present			
Oxidising substances	O11	Classes 1-5 Controls Regulations	Regs 102, 103	Requirements to control adverse effects of intended combustion or explosion of class 5.1.1 or 5.1.2 substances, including requirements for protective clothing and equipment				Reg 12.11	Duty of PCBU who directs work where combustion intended or contact with incompatible substances, ignition sources, or exposure to temperature anticipated			
Organic peroxides	OP1	Classes 1-5 Controls Regulations	Reg 7	General test certification requirements for hazardous substance locations				Hazardous Property Controls Notice	Part 3, Subpart A  Clauses of particular relevance to organic peroxides are	Requirements for using and storing hazardous substances in non-workplaces	Regs 8.1 - 8.2	Compliance certification
Organic peroxides	OP2	Classes 1-5 Controls Regulations	Reg 8	Restrictions on the carriage of organic peroxides on passenger service vehicles							Regs 8.3 - 8.4	Requirements for public transportation of class 1 to 5 substances
Organic peroxides	OP3	Classes 1-5 Controls Regulations	Reg 106	General limits on class 5.2 substances							Reg 12.23	General limits on class 5.2 substances

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Organic peroxides	OP4	Classes 1-5 Controls Regulations	Reg 107	Approved handler/security requirements for certain class 5.2 substances. Refer comments.		clauses 16, 17, 19-21, 24		Regs 12.24 - 12.25	Substances that must be secured. Refer comments.
Organic peroxides	OP5	Classes 1-5 Controls Regulations	Regs 109, 110	General requirements to prevent unintended combustion or explosion of class 5.2 substances				Regs 12.26 - 12.27	Requirements to reduce likelihood of unintended combustion or explosion of class 5.2 substances
Organic peroxides	OP6	Classes 1-5 Controls Regulations	Reg 111	Limits on impact or pressure shock				Reg 12.28	Limits on impact or pressure shock
Organic peroxides	OP7	Classes 1-5 Controls Regulations	Reg 112	Requirements for protective clothing and equipment				Reg 12.29	Duty of PCBU who directs work to ensure personal protective equipment used
Organic peroxides	OP8	Classes 1-5 Controls Regulations	Reg 113	Requirements to control adverse effects of spills or failure of containers				Reg 12.31	Requirement to control adverse effects of spillage or failure of containers
Organic peroxides	OP9	Classes 1-5 Controls Regulations	Reg 114	Requirements to prevent unintended combustion or explosion of 5.2A substances				Reg 12.32	Controls on class 5.2A substances
Organic peroxides	OP10	Classes 1-5 Controls Regulations	Reg 115	Requirements to prevent unintended combustion or explosion of class 5.2B, 5.2C, 5.2D, 5.2E or 5.2F substances				Reg 12.33	Controls on class 5.2B, C, D, E, or F substances
Organic peroxides	OP11	Classes 1-5 Controls Regulations	Regs 116 – 119	Controls on hazardous substance locations where class 5.2 substances are present				Regs 12.34 - 12.37	Duty of PCBU to establish hazardous substance location where class 5.2 substance present
Organic peroxides	OP12	Classes 1-5 Controls Regulations	Regs 120 – 123	Test certification requirements for hazardous substance locations where class 5.2 substances are present				Regs 12.42 - 12.45	Requirement to have compliance certificate for hazardous substance location
Organic peroxides	OP13	Classes 1-5 Controls Regulations	Reg 124	Controls on transit depots where class 5.2 substances are present				Reg 12.46	Requirements for transit depots



## Decision to Reissue Approvals

Control group	Original HSNO controls				New HSNO controls			New HSW requirements	
	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Organic peroxides	OP14	Classes 1-5 Controls Regulations	Regs 125, 126	Requirements to control adverse effects of intended combustion or explosion of class 5.2 substances, including requirements for protective clothing and equipment				Reg 12.30	Requirements where contact with incompatible substances or ignition, impact, or pressure shock sources intended or anticipated
Toxic substances	T1	Classes 6, 8 and 9 Controls Regulations	Regs 11 – 27	Limiting exposure to toxic substances through the setting of TELs	HSNO Act	section 77B	Exposure limits for substances with toxic or ecotoxic properties.	Reg 13.17	Prohibition on use of class 6 substances in excess of TEL. Refer comments
Toxic substances	T2	Classes 6, 8 and 9 Controls Regulations	Regs 29, 30	Controlling exposure in places of work through the setting of WESSs.	-	-	-	Reg 13.18	Duty of PCBU to ensure prescribed exposure standards for class 6 substances not exceeded. Refer comments
Toxic substances	T3	Classes 6, 8 and 9 Controls Regulations	Regs 5(1), 6	Requirements to keep records of application (for certain class 6 and 8 substances)	-	-	-	Regs 13.3 - 13.4	Records of application for certain class 6 and 8 substances. Refer comments
Toxic substances	T4	Classes 6, 8 and 9 Controls Regulations	Reg 7	Requirements for equipment used to handle substances (for certain class 6 and 8 substances)	-	-	-	Reg 13.7	Duty of PCBU who directs work using class 6, 8.1, 8.2, or 8.3 substances to ensure equipment is appropriate
Toxic substances	T5	Classes 6, 8 and 9 Controls Regulations	Reg 8	Requirements for protective clothing and equipment (for certain class 6 and 8 substances)	-	-	-	Reg 13.8	Duty of PCBU who directs work using class 6 and 8 substances to ensure personal protective equipment used
Toxic substances	T6	Classes 6, 8 and 9 Controls Regulations	Reg 9	Approved handler/security requirements for certain toxic substances. Refer comments.	Hazardous Property Controls Notice	13	Certain substances restricted to workplaces only	Reg 4.1 Reg 13.9 Reg 13.10 Sch 14	reg 4.1. Certification required for certain work reg 13.9. Certain substances to be under personal control of certified handler or secured (for 6.1A and 6.1B) reg 13.10. Substances not requiring a certified handler to be secured (6.1C, 6.7A, 8.2A) Refer comments
Toxic substances	T7	Classes 6, 8 and 9 Controls Regulations	Reg 10	Restrictions on the carriage of toxic or corrosive substances on passenger service vehicles	-	-	-	Regs 13.14 - 13.16	Reg 13.14. Transportation of certain class 6 and 8 substances Reg 13.15. Additional restrictions relating to transport of pesticides Reg 13.16. Additional restrictions relating to transport of certain vertebrate toxic agents and fumigants Refer comments
Toxic substances	T8	Classes 6, 8 and 9 Controls Regulations	Reg 28	Controls for vertebrate poisons (signage)	-	-	-	Regs 13.19 - 13.21	Reg 13.19. Signage for vertebrate toxic agents. Reg 13.20. Requirements for aircraft carrying out aerial application of vertebrate toxic agents. Reg 13.21. Restricted access to vicinity in which certain vertebrate toxic agents applied Refer comments

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Ecotoxic substances	E1	Classes 6, 8 and 9 Controls Regulations	Regs 32 – 45	Limiting exposure to ecotoxic substances through the setting of EELs	Hazardous Property Controls Notice	49	Environmental exposure limits must not be exceeded Refer comments		
Ecotoxic substances	E2	Classes 6, 8 and 9 Controls Regulations	Regs 46 – 48	Restrictions on use of substances in application areas	Hazardous Property Controls Notice	50	Restrictions on applying a substance in an application plot		
Ecotoxic substances	E3	Classes 6, 8 and 9 Controls Regulations	Reg 49	Controls relating to protection of terrestrial invertebrates eg beneficial insects	Hazardous Property Controls Notice	58	Protection of invertebrate pollinators		
Ecotoxic substances	E4	Classes 6, 8 and 9 Controls Regulations	Regs 50, 51	Controls relating to protection of terrestrial vertebrates	Hazardous Property Controls Notice	53 - 57	cl 53. Adverse effects of class 9.3 substances to be avoided cl 54. Class 9.3 pesticides on seeds cl 55. Class 9.3 pesticides in granular form cl 56. Use of class 9.3 pesticides as vertebrate bait cl 57. Import and manufacture of class 9.3 pesticides used as vertebrate bait		
Ecotoxic substances	E5	Classes 6, 8 and 9 Controls Regulations	Regs 5(2), 6	Requirements for keeping records of use	Hazardous Property Controls Notice	48	Record of application of agrichemicals Refer comments		
Ecotoxic substances	E6	Classes 6, 8 and 9 Controls Regulations	Reg 7	Requirements for equipment used to handle substances	Hazardous Property Controls Notice	47	Equipment for class 9 substances must be appropriate Refer comments		
Ecotoxic substances	E7	Classes 6, 8 and 9 Controls Regulations	Reg 9	Approved handler/security requirements for certain ecotoxic substances	Hazardous Property Controls Notice	59-66	Qualification requirements for people applying certain agrichemicals that are hazardous to the environment Refer comments		

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Identification	I1	Identification Regulations	Regs 6, 7, 32 – 35, 36(1) – (7)	Identification requirements, duties of persons in charge, accessibility, comprehensibility, clarity and durability	Labelling Notice	7, 8, 9, 10, 13	cl 7. Manufacturers and importers to ensure hazardous substance correctly labelled. cl 8. Suppliers to ensure hazardous substance correctly labelled. cl 9. Attributes of label cl 10. Representations on label cl 13. Label elements for hazardous substances Refer comments	Regs 2.1 - 2.2	reg 2.1. Workplace labelling of hazardous substance containers reg 2.2. Labelling of other containers containing hazardous substances Refer comments
Identification	I2	Identification Regulations	Reg 8	Priority identifiers for corrosive substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I3	Identification Regulations	Reg 9	Priority identifiers for ecotoxic substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I4	Identification Regulations	Reg 10	Priority identifiers for explosive substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I5	Identification Regulations	Reg 11	Priority identifiers for flammable substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I6	Identification Regulations	Reg 12	Priority identifiers for organic peroxides	Labelling Notice	13	Label elements for hazardous substances		
Identification	I7	Identification Regulations	Reg 13	Priority identifiers for oxidising substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I8	Identification Regulations	Reg 14	Priority identifiers for toxic substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I9	Identification Regulations	Reg 18	Secondary identifiers for all hazardous substances	Labelling Notice	11, 12, 15	reg 11. Requirement for product identifier reg 12. Requirement for contact and emergency contact details reg 15. Other information		
Identification	I10	Identification Regulations	Reg 19	Secondary identifiers for corrosive substances	Labelling Notice	13, 16	reg 13. Label elements for hazardous substances reg 16. Labels for mixtures containing toxic or corrosive ingredients		
Identification	I11	Identification Regulations	Reg 20	Secondary identifiers for ecotoxic substances	Labelling Notice	13, 18 - 25	reg 13. Label elements for hazardous substances regs 18-25. Additional label statements for specific uses of agrichemicals		
Identification	I12	Identification Regulations	Reg 21	Secondary identifiers for explosive substances	Labelling Notice	13	Label elements for hazardous substances		

## Decision to Reissue Approvals

Control group	Original HSNO controls				New HSNO controls			New HSW requirements	
	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Identification	I13	Identification Regulations	Reg 22	Secondary identifiers for flammable substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I14	Identification Regulations	Reg 23	Secondary identifiers for organic peroxides	Labelling Notice	13	Label elements for hazardous substances		
Identification	I15	Identification Regulations	Reg 24	Secondary identifiers for oxidising substances	Labelling Notice	13	Label elements for hazardous substances		
Identification	I16	Identification Regulations	Reg 25	Secondary identifiers for toxic substances	Labelling Notice	13, 16	cl 13. Label elements for hazardous substances cl 16. Labels for mixtures containing toxic or corrosive ingredients		
Identification	I17	Identification Regulations	Reg 26	Use of generic names	Labelling Notice	17(3) and 17(4)	Use of generic names		
Identification	I18	Identification Regulations	Reg 27	Requirements for using concentration ranges	Labelling Notice	17(5)	Requirements for concentration ranges		
Identification	I19	Identification Regulations	Regs 29 – 31	Additional information requirements, including situations where substances are in multiple packaging	Labelling Notice	5, 29	cl 5. Transport requirements cl 29. Combination packaging Refer comments	Reg 2.4	Alternative labelling for stationary tanks, process containers, and transportable containers Refer comments
Identification	I20	Identification Regulations	Reg 36(8)	Durability of information for class 6.1 substances	Labelling Notice Packaging Notice	9(1), 13	cl 9(1). Durability of labels cl 13. Permanent Identification		
Identification	I21	Identification Regulations	Regs 37 – 39, 47 – 50	General documentation requirements	Safety Data Sheet Notice	3(2)(d), 5 - 8, Schedule 1	cl 3(2)(d). Notice not applicable to dangerous goods while being transported cl 5. Duties of importers and manufacturers cl 6. Duties of suppliers cl 7. Format and content of SDS, inc comprehensibility cl 8. Classification for purposes of information in SDS Schedule 1. Format and content of SDS Refer comments	Reg 2.11	Duty of PCBU to obtain and provide SDS Refer comments
Identification	I22	Identification Regulations	Reg 40	Specific documentation requirements for corrosive substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I23	Identification Regulations	Reg 41	Specific documentation requirements for ecotoxic substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Identification	I24	Identification Regulations	Reg 42	Specific documentation requirements for explosive substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I25	Identification Regulations	Reg 43	Specific documentation requirements for flammable substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I26	Identification Regulations	Reg 44	Specific documentation requirements for organic peroxides	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I27	Identification Regulations	Reg 45	Specific documentation requirements for oxidising substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I28	Identification Regulations	Reg 46	Specific documentation requirements for toxic substances	Safety Data Sheet Notice	Schedule 1	Content and format of SDS		
Identification	I29	Identification Regulations	Regs 51, 52	Signage requirements	Hazardous Property Controls Notice	43	signage for class 9 substances in a workplace	Regs 2.5 - 2.10	reg 2.5. Duty of PCBU to display signage: general duty reg 2.6. Signage requirements for general duty reg 2.7. Signage requirements for transit depots reg 2.8. Additional signage requirements for fireworks and safety ammunition reg 2.9. Signage at workplace where milking animals are milked re 2.10. Duty of PCBU to maintain signage
Identification	I30	Identification Regulations	Reg 53	Advertising corrosive and toxic substances	Labelling Notice	33	Advertising acutely toxic and corrosive substances		
Packaging	P1	Packaging Regulations	Regs 5, 6, 7(1), 8	General packaging requirements	Packaging Notice	6 - 11	cl 6. Duties of importers and manufacturers cl 7. Duties of suppliers cl 8. Packaging must be able to retain contents cl 9. Additional performance tests for packaging for some hazardous substances cl 10. Compatability where hazardous substances repackaged cl 11. Marking of packaging Refer comments	Regs 2.12 - 2.13	regs 2.12. Duty of PCBU relating to packaging of decanted or transferred substances reg 2.13. Packaging of other containers containing hazardous substances Refer comments
Packaging	P2	Packaging Regulations	Regs 7(2), (3)	Specific criteria for class 4.1.2 and 5.2 substances	Packaging Notice	24	Additional packaging requirements for certain substances		

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Packaging	P3	Packaging Regulations	Reg 9	Criteria that allow substances to be packaged to a standard not meeting Packing Group I, II or III criteria	Packaging Notice	9, 18	cl 9. Additional performance tests for packaging for some hazardous substances cl 18. Application of this Part		
Packaging	P4	Packaging Regulations	Reg 10	Packaging requirements for explosive substances	Packaging Notice	cl 16 -17 Part C (as relevant)	cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P5	Packaging Regulations	Reg 11	Packaging requirements for flammable liquids	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P6	Packaging Regulations	Reg 12	Packaging requirements for liquid desensitised explosives	Packaging Notice	cl 16 -17 Part C (as relevant)	cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P7	Packaging Regulations	Reg 13	Packaging requirements for flammable solids	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P8	Packaging Regulations	Reg 14	Packaging requirements for self-reactive flammable substances	Packaging Notice	cl 16 -17 Part C (as relevant)	cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Packaging	P9	Packaging Regulations	Reg 15	Packaging requirements for substances liable to spontaneous combustion	Packaging Notice	cl 16 -17 Part C (as relevant)	cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P10	Packaging Regulations	Reg 16	Packaging requirements for substances that emit flammable gases when in contact with water	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P11	Packaging Regulations	Reg 17	Packaging requirements for oxidising substances	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P12	Packaging Regulations	Reg 18	Packaging requirements for organic peroxides	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		

Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Packaging	P13	Packaging Regulations	Reg 19	Packaging requirements for toxic substances	Packaging Notice	cl 9, 12-17, Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 12. Child resistant packaging cl 13. Permanent identification cl 14. Alternative compliance provisions for importers and manufacturers cl 15. Alternative compliance provisions for suppliers cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods Refer comments		
Packaging	P14	Packaging Regulations	Reg 20	Packaging requirements for corrosive substances	Packaging Notice	cl 9, 12-17, Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 12. Child resistant packaging cl 13. Permanent identification cl 14. Alternative compliance provisions for importers and manufacturers cl 15. Alternative compliance provisions for suppliers cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	P15	Packaging Regulations	Reg 21	Packaging requirements for ecotoxic substances	Packaging Notice	cl 9, 16 -17 Part C (as relevant)	cl 9. Additional performance tests for packaging for some hazardous substances cl 16. Packaging likely to arouse curiosity of children cl 17. Misleading packaging Part C. Packing requirements specific to substances that are dangerous goods		
Packaging	PS4	Packaging Regulations	Schedule 4	Packaging requirements as specified in Schedule 4	Packaging Notice	Schedule	Performance tests for packaging		



## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Packaging	PG1	Packaging Regulations	Schedule 1	Packaging requirements equivalent to UN Packing Group I	Packaging Notice	20	Assignment of hazardous substances to dangerous goods classes, divisions and packing groups		
Packaging	PG2	Packaging Regulations	Schedule 2	Packaging requirements equivalent to UN Packing Group II	Packaging Notice	20	Assignment of hazardous substances to dangerous goods classes, divisions and packing groups		
Packaging	PG3	Packaging Regulations	Schedule 3	Packaging requirements equivalent to UN Packing Group III	Packaging Notice	20	Assignment of hazardous substances to dangerous goods classes, divisions and packing groups		
Disposal	D1	Disposal Regulations	Reg 5	Disposal requirements for explosive substances	Disposal Notice	5	Disposal requirements for class 1 substances		
Disposal	D2	Disposal Regulations	Reg 6	Disposal requirements for flammable substances	Disposal Notice	6, 7	cl 6. Other hazardous substances requiring disposal methods for class 1 substances cl 7. Disposal requirements for class 2, 3, 4 substances		
Disposal	D3	Disposal Regulations	Reg 7	Disposal requirements for oxidising substances and organic peroxides	Disposal Notice	8	Disposal requirements for class 5 substances		
Disposal	D4	Disposal Regulations	Reg 8	Disposal requirements for toxic and corrosive substances	Disposal Notice	9	Disposal requirements for class 6 and 8 substances		
Disposal	D5	Disposal Regulations	Reg 9	Disposal requirements for ecotoxic substances	Disposal Notice	10	Disposal requirements for class 9 substances		
Disposal	D6	Disposal Regulations	Reg 10	Disposal requirements for packages	Disposal Notice	12	Disposal requirements for packages that have been in direct contact with hazardous substances		
Disposal	D7	Disposal Regulations	Regs 11, 12	Information requirements for manufacturers, importers and suppliers, and persons in charge	Labelling Notice	16	Disposal method information to be provided on product labels Refer comments	Reg 2.2	Labelling of other containers containing hazardous substances Refer comments
Disposal	D8	Disposal Regulations	Regs 13, 14	Documentation requirements for manufacturers, importers and suppliers, and persons in charge	Safety Data Sheet Notice	5, 6, 7, Schedule 1 (section 13)	cl 5. Duties of importers and manufacturers cl 6. Duties of suppliers cl 7. Format and content of SDS Sch 1. Content and format of SDS Refer comments	Reg 2.11	Duty of PCBU to obtain and provide access to SDS Refer comments

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Emergency management	EM1	Emergency Management Regulations	Regs 6, 7, 9 – 11	Level 1 information requirements for suppliers and persons in charge	Labelling Notice	5, 7, 8, 9(1) and(2), 13	cl 5. Transport requirements cl 7. Manufacturers and importers to ensure hazardous substance correctly labelled. cl 8. Suppliers to ensure hazardous substance correctly labelled. cl 9(1). Durability of label cl 9(2). Comprehensibility of label cl 13. Label elements for hazardous substances Refer comments	Reg 2.2	Labelling of other containers containing hazardous substances Refer comments
Emergency management	EM2	Emergency Management Regulations	Reg 8(a)	Information requirements for corrosive substances	Labelling Notice	12(2), 13, 15	cl 12(2). Provision of 24hr emergency number cl 13. Label elements for hazardous substances cl 15. Other information		
Emergency management	EM3	Emergency Management Regulations	Reg 8(b)	Information requirements for explosive substances	Labelling Notice	12(2), 13, 15	cl 12(2). Provision of 24hr emergency number cl 13. Label elements for hazardous substances cl 15. Other information		
Emergency management	EM4	Emergency Management Regulations	Reg 8(c)	Information requirements for flammable substances	Labelling Notice	13, 15	cl 13. Label elements for hazardous substances cl 15. Other information		
Emergency management	EM5	Emergency Management Regulations	Reg 8(d)	Information requirements for oxidising substances and organic peroxides	Labelling Notice	12(2), 13, 15	cl 12(2). Provision of 24hr emergency number cl 13. Label elements for hazardous substances cl 15. Other information		
Emergency management	EM6	Emergency Management Regulations	Reg 8(e)	Information requirements for toxic substances	Labelling Notice	12(2), 13, 15	cl 12(2). Provision of 24hr emergency number cl 13. Label elements for hazardous substances cl 15. Other information		
Emergency management	EM7	Emergency Management Regulations	Reg 8(f)	Information requirements for ecotoxic substances	Labelling Notice	13, 15, 19 - 24	cl 13. Label elements for hazardous substances cl 15. Other information cl 19-24. Specific label requirements for certain uses of class 9 substances		

## Decision to Reissue Approvals

Original HSNO controls				New HSNO controls				New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Emergency management	EM8	Emergency Management Regulations	Regs 12 – 16, 18 – 20	Level 2 documentation requirements for suppliers and persons in charge	Safety Data Sheet Notice	3(2)(d), 5, 6, 7, Schedule 1 (sections 4-8)	cl 3(2)(d). Exception to comply with SDS Notice when transporting hazardous substances cl 5. Duties of importers and manufacturers cl 6. Duties of suppliers cl 7. Format and content of SDS Sch 1. Content and format of SDS Refer comments	Reg 2.11	Duty of PCBU to obtain and provide access to SDS Refer comments
Emergency management	EM9	Emergency Management Regulations	Reg 17	Specific documentation requirements for flammable and oxidising substances and organic peroxides	Safety Data Sheet Notice	Schedule 1 (section 5)	Content and format of SDS		
Emergency management	EM10	Emergency Management Regulations	Regs 21 – 24	Fire extinguisher requirements	-			Regs 5.2 - 5.5	Fire extinguishers
Emergency management	EM11	Emergency Management Regulations	Regs 25 – 34	Level 3 emergency management requirements: duties of person in charge, emergency response plans	Hazardous Property Controls Notice	42, 44, 19	cl 42. Emergency response plans for ecotoxic substances in a workplace cl 44. Requirements for storage and emergency management of ecotoxic substances in a non-workplace cl 19. Management of large quantities of certain substances to be in accordance with HSW HS Regulations Refer comments	Regs 5.6 - 5.13	re 5.6. Application of this subpart reg 5.7. Duty to prepare emergency response plan reg 5.8. Duty to implement emergency response plan reg 5.9. Availability of equipment, facilities, and people reg 5.10. Availability of emergency response plans reg 5.11. Fire and Emergency New Zealand may review emergency response plan reg 5.12. Test and revision of emergency response plan reg 5.13. Plan may be part of other management documentation Refer comments
Emergency management	EM12	Emergency Management Regulations	Regs 35 – 41	Level 3 emergency management requirements: secondary containment	Hazardous Property Controls Notice	41, 44, 19	cl 41. Secondary containment for ecotoxic substances in a workplace cl 44. Requirements for storage and emergency management of ecotoxic substances in a non-workplace cl 19. Management of large quantities of certain substances to be in accordance with HSW HS Regulations Refer comments	Regs 10.30 - 10.33 Regs 12.13 - 12.16 Regs 12.38 - 12.41 Regs 13.27, 13.30-13.33 Reg 17.101	reg 10.30-10.33. Requirements for secondary containment systems for class 3 and 4 substances reg 12.13-12.16. Requirements for secondary containment systems for class 5.1.1 substances. reg 12.38-12.41. Requirements for secondary containment systems for class 5.2 substances. reg 13.27, 13.30-13.33. Requirements for secondary containment systems class 6 and 8 substances. Refer comments reg 17.101. Secondary containment for below ground stationary containers.

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
Emergency management	EM13	Emergency Management Regulations	Reg 42	Level 3 emergency management requirements: signage	Hazardous Property Controls Notice	43, 44, 19	cl 43. Signage for ecotoxic substances in a workplace cl 44. Requirements for storage and emergency management of ecotoxic substances in a non-workplace cl 19. Management of large quantities of certain substances to be in accordance with HSW HS Regulations Refer comments	Regs 2.5 - 2.6 Regs 2.8 - 2.10	reg 2.5. Duty of PCBU to display signage: general duty reg 2.6. Signage requirements for general duty reg 2.8. Additional signage requirements for fireworks and safety ammunition reg 2.9. Signage at workplace where milking animals are milked re 2.10. Duty of PCBU to maintain signage
Approved handlers	AH 1	Personnel Qualifications Regulations	Regs 4 – 6	Approved Handler requirements (including test certificate and qualification requirements)	Hazardous Property Controls Notice	Part 4, Subpart C	Qualification requirements for people applying certain substances that are hazardous to the environment Refer comments	Regs 4.2 - 4.3	reg 4.2 Issue of compliance certificates for certified handlers reg 4.3 Competency requirements for certified handlers
Tracking	TR1	Tracking Regulations	Regs 4(1), 5, 6	General tracking requirements Refer comments	Hazardous Property Controls Notice	13	Certain substances restricted to workplaces only Refer comment	Part 19 and Sch 25	Tracking hazardous substances Refer comments
Tracking	TR2	Tracking Regulations	Reg 4(2)	Import certificate requirement for shipment of explosives	Importers and Manufacturers Notice	10	Obligation to provide information and certificate		
Compressed gases	CG	Compressed Gas Regulations	All	The Hazardous Substance (Compressed Gases) Regulations 2004 prescribe a number of controls relating to compressed gases including aerosols and gas cylinders.	Hazardous Property Controls Notice	32	Filling of SCUBA cylinders	Part 15	Gases under pressure
Tank wagons	Tank Wagon	Tank Wagons and Transportable Container Regulations	All	Controls relating to tank wagons and transportable containers.	-	-	-	Part 16	Tank wagons and transportable containers
	GN35 - Sch 8	Dangerous Goods and Scheduled Toxic Substances Gazette Notice No 35	Sch 8, GN 35	Controls for stationary container systems.	Hazardous Property Controls Notice	39-40	Controls on stationary container systems holding class 9 substances in workplaces	Part 17	Stationary container systems
	GN35 - Sch 9	Dangerous Goods and Scheduled Toxic Substances Gazette Notice No 35	Sch 9, GN 35	Controls relating to secondary containment for stationary container systems holding class 3.1 substances.				Regs 17.102 - 17.104	Secondary containment systems for storage of class 3.1 substances in above ground stationary tank

## Decision to Reissue Approvals

Original HSNO controls					New HSNO controls			New HSW requirements	
Control group	Old HSNO Control Code	Old HSNO Regulation	Regulation no.	Control Description	EPA Notice /HSNO requirement	Clause/section	Description	HSW HS Regulations	Regulation Description
	GN35 - Sch 10	Dangerous Goods and Scheduled Toxic Substances Gazette Notice No 35 Link to consolidated Gazette Notice 35 on EPA website: <a href="https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/Policies/4c1a400f45/Hazardous-substances-Dangerous-goods-and-scheduled-toxic-substances-transfer-notice-no-35-2004.pdf">https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/Policies/4c1a400f45/Hazardous-substances-Dangerous-goods-and-scheduled-toxic-substances-transfer-notice-no-35-2004.pdf</a>	Sch 10, GN 35	Controls relating to the adverse effects of unintended ignition of class 2 and 3.1 flammable substances.				Part 11	Controls relating to adverse effects of unintended ignition of class 2 and 3.1 substances
	GN 35 - Sch 12	Dangerous Goods and Scheduled Toxic Substances Gazette Notice No 35 Link to consolidated Gazette Notice 35 on EPA website: <a href="https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/Policies/4c1a400f45/Hazardous-substances-Dangerous-goods-and-scheduled-toxic-substances-transfer-notice-no-35-2004.pdf">https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/Policies/4c1a400f45/Hazardous-substances-Dangerous-goods-and-scheduled-toxic-substances-transfer-notice-no-35-2004.pdf</a>	Sch 12, GN 35	Changes to controls relating to transportation of packaged dangerous goods.				Reg 13.11	Exception for transportation of packaged substances (class 6 and 8)