

---

# DECISION TO REASSESS SUBSTANCES

---

20 April 2021

## Summary

Application code	APP204200
Application type	To reassess any hazardous substance under section 63C of the Hazardous Substances and New Organisms Act (“the Act”)
Applicant	The Chief Executive (“CE”) of the Environmental Protection Authority (“the EPA”)
Consultation period	8 June 2020 – 4 August 2020
Number of submissions received	No submissions were received that specifically referred to this reassessment.
Purpose of the application	To update the substance classifications of the approvals listed in Appendix 1 to implement the new classification system – section 63C of the Act.
Considered by	A Decision-making Committee (“the Committee”) of the EPA Dr John Taylor (Chair); Dr Louise Malone.
Decision	<b>To reassess the approvals as listed in Appendix 1</b>

## Executive summary

The Environmental Protection Authority (EPA) is updating New Zealand's hazardous substance classification system to incorporate elements of Revision 7 (2017) of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). This has been achieved by issuing the Hazardous Substances (Hazard Classification) Notice 2020.

This update will ensure New Zealand has an internationally-aligned classification system that facilitates trade and increases the effectiveness of chemical management under the Hazardous Substances and New Organisms Act 1996 (the Act).

The update of the classification system necessitates updating the classifications of all existing approvals. Where there is a change to the hazard classification system under the Act, section 63C enables the updating of the approvals through the modified reassessment of the substances. This enables the EPA to vary the hazard classification of a substance, and vary controls and descriptions if required to give effect to the new classification system.

This decision document covers the reassessment of substances that were either approved or reassessed between 1 December 2017 and 31 December 2019 or reissued (as a result of a reassessment) between 1 December 2017 and 31 December 2020.

In making a decision on whether to approve the reassessment of these substances, the Committee firstly took into account best international practices and standards for the safe management of hazardous substances, and considered all the effects associated with the reassessment, along with applying the sections in Part 2 of the Act.

## 1 Background

- 1.1. As approved by the Environmental Protection Authority (EPA) Board, the EPA is updating New Zealand's hazardous substance classification system to incorporate elements of Revision 7 (2017) of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
- 1.2. The GHS is an internationally-agreed system developed by the United Nations (UN) to classify chemicals and to communicate their hazards through labels and safety data sheets. Updating New Zealand's classification system will ensure New Zealand has an internationally-aligned classification system that facilitates trade and increases the effectiveness of chemicals management under the Act.
- 1.3. The updating of the classification system has required a new Hazard Classification Notice to be issued, updates to several other EPA notices<sup>1</sup>, and updates to all existing approvals to assign new hazard classifications in accordance with the Hazardous Substances (Hazard Classification) Notice 2020. A subset of these existing approvals are those that were approved or reissued (as a result of a reassessment) after 1 December 2017.
- 1.4. Where there is a change to the hazard classification system under the Act, section 63C enables the updating of the approvals through the modified reassessment of the substances. This enables the EPA to vary the hazard classification of a substance, and vary controls and descriptions if required to give effect to the new classification system. There is no need for a decision on grounds under section 62 before using section 63C in this way.
- 1.5. This decision document covers the reassessment of substances that were either approved or reassessed between 1 December 2017 and 31 December 2019 or reissued (as a result of a reassessment) between 1 December 2017 and 31 December 2020. The full list of substances covered by this reassessment is included in Appendix 1 to this document.
- 1.6. In making a decision on whether to approve the reassessment of these substances, the Committee must first take into account best international practices and standards for the safe management of hazardous substances, and consider all the effects associated with the reassessment.
- 1.7. 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.

## 2 Consultation and notification

### Notification

- 2.1 The proposal to use section 63C to reassess the identified substances was publicly notified in accordance with section 53 of the Act.
- 2.2 The submission period began on 8 June 2020 and closed on 4 August 2020, which exceeds the required minimum statutory time frame of 30 working days.
- 2.3 The proposed new classifications provided in the consultation document were assigned solely on the basis of the current classification. No new hazard data or information was sought or assessed.

---

<sup>1</sup> EPA notices are approved by the EPA Board.

## Response from other government agencies

- 2.4 The Ministry for the Environment, the Ministry for Business, Innovation and Employment, WorkSafe New Zealand, the Ministry of Health, and the Agricultural Compounds and Veterinary Medicines group (ACVM) of the Ministry for Primary Industries were advised of the consultation and notified of the submission period. No comments relating to this reassessment were received.

## 3 Submissions

- 3.1 No submissions relating specifically to this reassessment were received.

## 4 Additional substances to be reassessed

- 4.1 Subsequent to the consultation document being released, a number of substance approvals that were flagged for reissue in the consultation document were reissued in mid-2020 (as a result of separate reassessments). These additional substance approvals will be included in this reassessment to update their hazard classifications to align with the new classification system. This means the total number of substance approvals captured by this reassessment has increased from that proposed in the original consultation document.

## 5 Consideration

### Information available for consideration

- 5.1 The information available to the Committee for consideration of this reassessment consisted of:
- A correlation table mapping the previous HSNO alpha-numeric classifications to the new HSNO classifications;
  - an assessment of the effects associated with the reassessment;
  - an assessment of whether the reassessment of the substances reflects best international practice and standards for the safe management of hazardous substances; and
  - the list of all identified substances, their approval numbers and hazard classifications (both current and new).
- 5.2 After considering all relevant information, the Committee decided that it had sufficient information to make a decision on this reassessment. Further comments on this information can be found below.

### Hazardous properties

- 5.3 A correlation table mapping 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 included in this decision document are provided in Appendix 1.

### Assessment of effects associated with the reassessment

- 5.4 The Committee considered that the change in hazard classifications of the substances will have no effect on the overall risks to human health for workers, bystanders, and the public as no material changes were made to the controls.
- 5.5 The Committee considered that the change in hazard classifications of the substances will have no effect on the risks to the environment, including potential impacts on native or valued species and/or ecosystems, as no material changes were made to the controls.

- 5.6 The Committee considered that there will be some economic benefits associated with the change to the hazard classifications of the substances, due to increased international alignment. Specifically the change allows the production of globally accepted labels and safety data sheets by New Zealand manufacturers and importers.
- 5.7 The Committee considered that any potential costs incurred by industry to make changes to their existing labels and safety data sheets to reflect the classification change, is mitigated by providing a sufficient period of time to update these items. The Committee noted that the transitional period currently provided for in the Hazardous Substances (Labelling) Notice 2017, Hazardous Substances (Safety Data Sheet) Notice 2017 and Hazardous Substances (Packaging) Notice 2017 will be extended until 30 April 2025.
- 5.8 The Committee did not identify any further effects on society, the community, or the market economy associated with the change to the hazard classifications of the substances. The Committee therefore did not consider this further.
- 5.9 The Committee considered that there will be no change to the effects of the substances on the relationship of Māori and their culture and traditions with their ancestral lands, water, sites, wāhi tapu, valued flora and fauna and other taonga, and therefore these risks will be unchanged from those identified when the substances were originally approved.
- 5.10 The Committee considered that there are some positive effects on New Zealand's international obligations associated with the proposed change to the hazard classifications of the substances in terms of harmonising chemical classifications with other major jurisdictions. No other effects on any international obligations were identified.
- 5.11 Taking into account the effects identified above, the Committee considered that there was an overall positive effect in making the change to the hazard classifications of the approvals.

### Best international practices and standards for the safe management of hazardous substances

- 5.12 The GHS is recognised as representing best international practice and standards for the safe management of hazardous substances and has been adopted by more than 50 countries, including all of New Zealand's major trading partners. Therefore, applying the updated classifications to the hazardous substances captured by this reassessment will ensure that they are managed in accordance with international best practice and standards for the safe management of hazardous substances.

## 6 Conclusion and decision

- 6.1 Pursuant to section 63C of the Act, the Committee considered this application to reassess the substance approvals identified in Appendix 1 to update their hazard classifications.
- 6.2 In making its decision, the Committee took into account best international practices and standards for the safe management of hazardous substances and all the effects associated with the reassessment.
- 6.3 The Committee have considered the matters raised in sections 4 to 8 of the Act, but, given the nature of the reassessment to apply the updated hazard classification is administrative, there are no further considerations required in order to achieve the purpose of the Act.

- 6.4 The Committee considered the changes to the approvals, to give effect to the change in the hazard classification system, were appropriate and, therefore, approved the application. Given the hazard classification system comes into effect from 30 April 2021, this decision will have effect from that date.
- 6.5 The transitional provisions of the Labelling Notice, Safety Data Sheets Notice and Packaging Notice apply to these reassessed approvals for the transitional period which begins on 30 April 2021 and ends on 30 April 2025.



*Signed by:* **Dr John Taylor**

**Date: 20 April 2021**

---

**Chair, Decision Making Committee**  
**Environmental Protection Authority**

---

## Appendix 1 Substances to be Reassessed

**Table 1: List of substances to be reassessed with their old and new hazard classifications**

Name	Approval Number	Old Classification	New Classification
2-Pyrrolidinone, 1-methyl-	HSR001384	3.1D, 6.1E (All), 6.1E (O), 6.3A, 6.4A, 6.8A	Flammable liquid Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation
A capsule suspension containing clomazone at 360 g/L	HSR101381	6.1E (All), 6.1E (O), 6.3B, 9.1B (All), 9.1B (M), 9.2A, 9.3C	Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
ACCLAIM Soluble Concentrate (SL)	HSR007893	6.3A, 8.3A, 9.1A (All), 9.3C	Skin irritation Category 2, Serious eye damage Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Acetoken 840 EC Herbicide	HSR101324	6.1D (All), 6.1D (O), 6.1E (D), 6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 6.9B (Oth), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
ACQ Timber Preservative	HSR000940	6.1D (All), 6.1D (O), 6.5B, 6.9B (All), 6.9B (O), 6.9B (D), 8.1A, 8.2C, 8.3A, 9.1A (All), 9.3C	Corrosive to metals Category 1, Acute oral toxicity Category 4, 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 acute Category 1

Name	Approval Number	Old Classification	New Classification
Acticide OTE 45	HSR101343	3.1C, 6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.5B, 8.2C, 8.3A, 9.1A (All), 9.1A (M), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1C, Serious eye damage Category 1, Skin sensitisation Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
AG-M4-700 OF1	HSR101361	6.1D (All), 6.1D (O), 6.1D (I), 6.1E (D), 9.1B (All), 9.1B (A), 9.1B (Oth), 9.1B (M), 9.1C (C), 9.2B, 9.3C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
Aluen Cap	HSR101299	6.1D (All), 6.1D (O), 6.1E (D), 6.1E (I), 8.2C, 8.3A, 9.3B	Acute oral toxicity Category 4, Skin corrosion Category 1C, Serious eye damage Category 1, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation, Hazardous to terrestrial vertebrates
Amdro Cockroach Gel	HSR101308	6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M)	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
Aphidex 800 WG	HSR101323	6.1C (All), 6.1C (O), 6.1D (I), 6.3B, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.3A, 9.4B	Acute oral toxicity Category 3, Acute inhalation toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Applaud 40SC	HSR101296	6.1E (All), 6.1E (O), 6.3B, 6.4A, 6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M), 9.3C	Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 1
Archer 750	HSR101372	6.9A (All), 6.9A (O), 6.9A (I), 9.1C (All), 9.1C (M), 9.2A, 9.3B	Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3



Name	Approval Number	Old Classification	New Classification
Argento	HSR101376	6.1E (All), 6.1E (O), 6.3B, 6.8B, 6.9B (All), 6.9B (O), 8.3A, 9.1B (All), 9.1B (M), 9.3C	Serious eye damage Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
Artist	HSR101359	6.1D (I), 6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (A), 9.1A (Oth), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Bammer	HSR101379	6.1E (All), 6.1E (O), 6.8B, 6.9A (All), 6.9A (O), 8.3A, 9.1C (All), 9.1C (M), 9.2A, 9.3C	Serious eye damage Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3
Benevia	HSR100856	6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (C), 9.1A (M), 9.4B	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Benzaldehyde	HSR001395	3.1D, 6.1D (All), 6.1D (O), 6.1D (I), 6.3B, 6.4A, 9.1D (All), 9.2D, 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2
Benzalkonium chloride	HSR002952	6.1C (All), 6.1D (O), 6.1C (D), 8.2C, 8.3A, 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 3, Skin corrosion Category 1C, Serious eye damage Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
Blue Control IC	HSR002472	6.1B (All), 6.1B (I), 6.5B, 6.7B, 6.9A (All), 6.9A (O), 6.9A (I), 8.3A, 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.2C, 9.3B	Acute inhalation toxicity Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Blue Preserve N	HSR100725	6.1D (All), 6.1D (O), 6.1D (I), 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Boron Glycol Option 1	HSR007928	6.1D (All), 6.1D (O), 6.8B, 6.9A (All), 6.9A (O), 8.2B, 8.3A, 9.1A (All), 9.3C, 9.4B	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Boron Glycol Option 2	HSR007929	6.1D (All), 6.1D (O), 6.3A, 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.3C, 9.4B	Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Boron Glycol Option 4	HSR007931	6.1E (All), 6.1E (O), 6.3B, 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.3C, 9.4C	Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Brocan	HSR101280	6.1D (I), 6.1D (All), 6.1D (O), 6.1E (D), 6.1E (Oth), 6.3B, 6.4A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.2A, 9.3B	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
BUZZ ULTRA 750 WG FUNGICIDE	HSR101335	6.1E (All), 6.1E (O), 6.1E (D), 6.1E (I), 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	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

Name	Approval Number	Old Classification	New Classification
BWB 427	HSR101364	6.3A, 6.4A, 6.9B (All), 6.9B (O), 9.1C (All), 9.1C (M), 9.2B	Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 3
Chateau Herbicide	HSR101301	6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (A), 9.1A (Oth), 9.2A	Reproductive toxicity Category 2, 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 1
Cletho 240 EC Selective Herbicide	HSR101346	3.1D, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3A, 6.4A, 6.9B (All), 6.9B (O), 9.1B (All), 9.2A, 9.3C	Flammable liquid Category 4, Aspiration hazard Category 1, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
Concentrate liquid containing pelargonic acid 565 g/L	HSR101380	6.3A, 6.4A, 9.1D (All), 9.1D (M)	Skin irritation Category 2, Eye irritation Category 2, Designed for biocidal action
Contact Organics HomeSafe Ready-to-Use Weed Terminator	HSR101383	6.3B, 6.9B (All), 6.9B (I), 9.1B (All), 9.1B (M)	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
CopSul 412	HSR101284	6.1E (All), 6.1E (O), 6.3B, 6.5B, 6.9B (I), 8.3A, 9.1A (All), 9.1A (M), 9.3C	Serious eye damage Category 1, Skin sensitisation Category 1, 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
CORSAIR	HSR101340	6.1D (I), 6.1D (All), 6.1D (O), 6.1E (D), 6.3B, 6.4A, 6.5B, 6.9A (All), 6.9A (O), 6.9B (D), 9.1A (All), 9.1A (M), 9.2A, 9.3B	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) 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

Name	Approval Number	Old Classification	New Classification
Cropro Stealth Miticide and Insecticide	HSR101316	3.1D, 6.1D (All), 6.1D (O), 6.3A, 6.4A, 6.8A, 6.8C, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.2C, 9.3C, 9.4A	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 1, Reproductive toxicity - additional effects on or via lactation, 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
Crucial	HSR101362	6.1E (All), 6.1E (I), 9.1B (All), 9.1B (M)	Hazardous to the aquatic environment chronic Category 2
Debut	HSR101356	6.1D (All), 6.1D (O), 6.1D (I), 6.3B, 6.5B, 6.9A (All), 6.9A (O), 6.9B (I), 8.3A, 9.1B (All), 9.1B (M), 9.2A, 9.3B, 9.4C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment chronic Category 2
Digger EW	HSR101369	3.1D, 6.1E (All), 6.1E (Oth), 6.9B (All), 6.9B (O), 6.9B (I), 9.1B (All)	Flammable liquid Category 4, Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
DIPTHOR DUO Insecticide	HSR101390	3.1C, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.5B, 6.8B, 6.9B (All), 6.9B (O), 8.2A, 8.3A, 9.1A (All), 9.1A (M), 9.3C, 9.4A	Flammable liquid Category 3, Aspiration hazard Category 1, Skin corrosion Category 1A, Serious eye damage Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Dowsil 777 Water Repellent	HSR101363	8.2A, 8.3A	Skin corrosion Category 1A, Serious eye damage Category 1
Dytek A amine	HSR101315	3.1D, 6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.9B (I), 8.2A, 8.3A, 9.1D (All), 9.1D (C)	Flammable liquid Category 4, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1A, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2

Name	Approval Number	Old Classification	New Classification
Emulsifiable concentrate containing 0.6 g/litre 5-chloro-2-methyl-4-isothiazolin-3-one, 311.1 g/litre didecyl dimethyl ammonium chloride, 36.5 g/litre iodocarb and 0.2 g/litre 2-methyl-4-isothiazolin-3-one	HSR000903	3.1C, 6.1C (All), 6.1C (O), 6.5B, 6.8B, 6.9A (All), 6.9A (O), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.1A (F), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 3, 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 acute Category 1, Hazardous to the aquatic environment chronic Category 3
Emulsifiable concentrate containing 0.65 g/litre 5-chloro-2-methyl-4-isothiazolin-3-one, 600 g/litre didecyl dimethyl ammonium chloride, 70 g/litre iodocarb and 0.18 g/litre 2-methyl-4-isothiazolin-3-one	HSR000892	3.1C, 6.1C (All), 6.1C (O), 6.5B, 6.8B, 8.2B, 8.3A, 6.9B (All), 6.9B (I), 9.1A (All), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 3, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation 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
Emulsifiable concentrate containing 148.8 g/litre benzalkonium chloride, 28.3 g/litre fenpropimorph and 14.6 g/litre octhiline	HSR000893	3.1D, 6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.8B, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.2D, 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2
Emulsifiable concentrate containing 22.5 g/litre acephate and 19.5 g/litre triforine	HSR000158	6.3A, 6.8A, 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 8.3A, 9.1C (All), 9.3C, 9.4C	Skin irritation Category 2, Serious eye damage Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment chronic Category 3
Emulsifiable concentrate containing 240 g/litre oxyfluorfen (Substance A)	HSR000545	3.1D, 6.1E (All), 6.1E (O), 6.1E (Other), 6.3A, 6.4A, 6.8A, 6.9B (All), 9.1A (All), 9.2A	Flammable liquid Category 4, Aspiration hazard Category 1, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 1, 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

Name	Approval Number	Old Classification	New Classification
Emulsifiable concentrate containing 250 g/litre triadimenol	HSR000459	3.1D, 6.1D (All), 6.1D (O), 6.8A, 6.9A (All), 6.9A (O), 9.1C (All), 9.1C (C), 9.1C (A), 9.1D (F), 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3
Emulsifiable concentrate containing 330 g/litre of iodocarb	HSR000859	6.1C (I), 6.1C (All), 6.1E (O), 6.5B, 6.9A (All), 6.9A (I) 8.3A, 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.3C	Acute inhalation toxicity Category 3, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1
Emulsifiable concentrate containing 36 g/litre carbendazim, 20-21 g/litre iodocarb and 460 g/litre sodium orthophenylphenate	HSR000874	6.1D (All), 6.1D (O), 6.3A, 6.5B, 6.6A, 6.8A, 6.9A (All), 6.9A (O), 6.9B (I) 8.1A, 8.3A, 9.1A (All), 9.1A (A), 9.1B (F), 9.2B, 9.3C	Corrosive to metals Category 1, Acute oral toxicity Category 4, Skin irritation Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, Germ cell mutagenicity 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
Emulsifiable concentrate containing 40 g/litre iodocarb and 120 g/litre orthophenyl phenol	HSR000878	3.1D, 6.1D (All), 6.1D (O), 6.3A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 8.3A, 9.1A (All), 9.1A (F), 9.2B, 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin irritation Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1
Emulsifiable concentrate containing 45 g/litre acephate and 39 g/litre triforine	HSR000157	3.1D, 6.1E (All), 6.1E (O), 6.8A, 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 8.2B, 8.3A, 9.1C (All), 9.3C, 9.4B	Flammable liquid Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment chronic Category 3
Emulsifiable concentrate containing 603 g/litre didecyl dimethyl ammonium chloride and 71 g/litre iodocarb (Substance A)	HSR000832	3.1C, 6.1C (All), 6.1C (O), 6.1C (I), 6.1E (D), 6.5B, 6.7B, 6.9B (All), 6.9B (O), 6.9B (D), 8.2B, 8.3A, 9.1A (All), 9.1A (F), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 3, Acute inhalation toxicity Category 3, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1

Name	Approval Number	Old Classification	New Classification
Endow 600SC	HSR101319	6.1D (All), 6.1D (O), 6.3B, 6.4A, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.2B, 9.3B, 9.4A	Acute oral toxicity Category 4, Eye irritation 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
Exirel	HSR100857	6.3A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (C), 9.1A (M), 9.4B	Skin irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Expra Mozzie Repeller	HSR101373	3.1D, 6.1E (All), 6.1E (O), 6.3B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C, 9.4C	Flammable liquid Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Fendona 60SC	HSR101397	6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3B, 9.4A	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Flammable liquid containing 20 - 40 g/litre linseed oil, 120 - 160 g/litre sulphur and 700 - 800 g/litre turpentine	HSR002162	3.1C, 6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.3A, 6.4A, 6.5B, 9.1C (All), 9.1C (C)	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Hazardous to the aquatic environment chronic Category 3
Floritech Prolong Growth Regulator	HSR101322	6.4A	Eye irritation Category 2
Foamstream V4	HSR101297	6.3B, 8.3A, 9.1D (All), 9.1D (M)	Serious eye damage Category 1, Designed for biocidal action

Name	Approval Number	Old Classification	New Classification
Fodder Beet Sharp	HSR101333	3.1D, 6.1D (All), 6.1D (O), 6.1E (D), 6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.2A, 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
FuelMix - Premixed 2-stroke fuel	HSR101281	3.1A, 6.1E (All), 6.1E (O), 6.1E (D), 6.3B, 6.7B, 6.9B (I), 9.1B (M)	Flammable liquid Category 1, Aspiration hazard Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Furfuryl alcohol	HSR002998	3.1D, 6.1B (All), 6.1C (O), 6.1C (D), 6.1B (I), 6.3A, 6.7B, 6.9A (All), 6.9A (I), 6.9B (O), 8.3A, 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 3, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 2, Skin irritation Category 2, Serious eye damage Category 1, Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation
GF-2791	HSR101385	9.1B (All), 9.1B (M), 9.2A	Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 2
GF-3308	HSR101401	3.1D, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3B, 6.4A, 6.9B (All), 6.9B (I), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (M)	Flammable liquid Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2
GF-3488	HSR101282	3.1D, 6.3B, 6.4A, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (Oth), 9.1C (F), 9.1C (A), 9.2A	Flammable liquid Category 4, Eye irritation Category 2, 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 1
GLY-OXY	HSR101347	6.9B (All), 6.9B (O), 9.1B (All), 9.1B (A), 9.1B (M), 9.2A	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 2



Name	Approval Number	Old Classification	New Classification
Glypho 444	HSR101396	8.3A, 9.1B (All), 9.1B (M)	Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2
GPFC-RTU 424	HSR101395	9.1C (All), 9.1C (M)	Hazardous to the aquatic environment chronic Category 3
Granular material containing 7.5 g/kg pendimethalin	HSR000548	6.3B, 6.4A, 6.5B, 9.1A (All), 9.2A, 9.3C	Eye irritation Category 2, 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
GTL Gasoil	HSR100066	6.1E (All), 6.1E (O), 9.1B (All), 9.1B (F)	Aspiration hazard Category 1, Hazardous to the aquatic environment chronic Category 2
Headstart	HSR100555	6.3A, 8.3A, 9.1A (All), 9.1A (M), 9.2B	Skin irritation Category 2, Serious eye damage Category 1, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Hydrogen peroxide, 8 - 20% aqueous solution	HSR001450	5.1.1C, 6.1E (All), 6.1E (O), 6.9B (All), 6.9B (O), 6.9B (I), 8.3A	Oxidising liquid Category 3, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2
Hydroperoxide, 1,1-dimethylethyl, 70% aqueous solution	HSR001365	3.1C, 5.2F, 6.1B (All), 6.1C (D), 6.1B (I), 6.1D (O), 6.5B, 6.6B, 6.9B (All), 6.9B (O), 8.2C, 8.3A, 9.1B (All), 9.1B (A), 9.1C (F), 9.1C (C), 9.3B	Flammable liquid Category 3, Organic peroxide Type F, Acute oral toxicity Category 4, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 2, Skin corrosion Category 1C, Serious eye damage Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation, Hazardous to the aquatic environment chronic Category 2
Hylite NCF	HSR101201	6.1D (All), 6.1D (O), 6.1D (D), 6.5B, 6.8B, 6.9A (All), 6.9B (O), 6.9A (I), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, 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 acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Hysan	HSR100072	6.1C (All), 6.1C (O), 6.1C (D), 6.5B, 6.6B, 6.9A (All), 6.9A (O), 6.9A (I), 8.2B, 8.3A, 9.1A (All), 9.2C, 9.3B	Acute oral toxicity Category 3, Acute dermal toxicity Category 3, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
HYSAN Ready-to-use Solution	HSR100073	6.1D (All), 6.1D (O), 6.5B, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.3C	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
HYSAN Ready-to-use Solution plus Antimould	HSR100074	6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.6A, 6.7B, 6.8A, 6.9B (All), 6.9B (O), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.3C	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Germ cell mutagenicity Category 1, Carcinogenicity Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Imtrex	HSR101303	6.1D (I), 6.1D (All), 6.1E (O), 6.4A, 6.9B (O), 9.1D (All), 9.2C, 9.3C	Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
Insect Guard Mosquitos Repellent Plug-in	HSR101334	6.1E (All), 6.1E (Oth), 6.9B (All), 6.9B (O), 9.1A (M), 9.4A	Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Iodocarb	HSR002733	6.1C (I), 6.1C (All), 6.1D (O), 8.3A, 6.5B, 6.9A (All), 6.9A (I), 9.1A (All), 9.3C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 3, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Isoproturon 500 SC	HSR101292	6.1E (All), 6.1E (O), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
J57.23A	HSR007640	3.1C, 6.1D (All), 6.1D (O), 6.3B, 6.4A, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, 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
J57.23B	HSR007641	3.1C, 6.1D (All), 6.1D (O), 6.3B, 6.4A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation 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
J57.23C	HSR007642	3.1C, 6.1D (All), 6.1D (I), 6.1D (O), 6.3B, 6.4A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.3C	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation 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
J57.25A	HSR002462	6.1D (All), 6.1D (O), 6.3A, 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.3C	Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1
J57.41	HSR100280	6.1E (All), 6.1E (O), 6.4A, 6.5B, 6.8B, 6.9A (All), 6.9A (O), 6.9B (D), 9.1A (All), 9.3C, 9.4B	Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
J57.52	HSR100482	6.1E (All), 6.1E (O), 6.3A, 6.4A, 6.5B, 6.8B, 6.9A (All), 6.9A (O), 6.9B (D), 9.1A (All), 9.3C, 9.4B	Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
J57.55	HSR100582	6.3B, 6.4A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (D), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.4B	Eye irritation Category 2, Skin sensitisation 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
J57.56	HSR100617	6.1E (All), 6.1E (O), 6.3B, 6.4A, 6.5B, 6.8B, 6.9A (All), 6.9A (O), 6.9B (D), 9.1A (All), 9.1A (M), 9.3C, 9.4B	Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
J57.61A	HSR100743	6.1D (All), 6.1D (O), 6.1E (D), 6.8B, 8.2C, 8.3A, 9.1A (All), 9.3C	Acute oral toxicity Category 4, Skin corrosion Category 1C, Serious eye damage Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1
J57.61B	HSR100730	6.3B, 6.4A, 6.8B, 9.1A (All)	Eye irritation Category 2, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1
J57.81	HSR101394	3.1D, 6.1D (All), 6.1D (O), 6.1D (I), 6.1E (D), 6.3B, 6.4A, 6.5A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.3C, 9.4A	Flammable liquid Category 4, Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation 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

Name	Approval Number	Old Classification	New Classification
Kamba 750	HSR101378	6.1D (All), 6.1D (O), 6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Ken-Trel 750 SG Herbicide	HSR101329	9.1C (All), 9.1C (M), 9.2A, 9.3C	Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 3
Kentron 700 SC Herbicide	HSR101345	6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Kestrel	HSR101293	6.1E (All), 6.1E (O), 6.1E (I), 6.3A, 6.4A, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	Skin irritation Category 2, Eye irritation 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
KShield Concentrate	HSR100818	6.3A, 6.4A, 6.5B, 9.1A (All), 9.1A (M)	Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Hazardous to the aquatic environment acute Category 1
Lavron 50WG	HSR101290	6.1D (All), 6.1D (O), 6.1D (I), 6.3B, 6.4A, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3B, 9.4A	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
LGNN 425	HSR101291	9.1A (All), 9.1A (M), 9.4C	Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Linflo 450	HSR000938	6.1E (All), 6.1E (O), 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (M), 9.2A, 9.3B	Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) 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
Liquid containing 2.5 - 5.5% benzalkonium chloride	HSR002363	8.2C, 8.3A, 9.1A (All), 9.3C	Skin corrosion Category 1C, Serious eye damage Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
Livacox vaccines	HSR101366	6.3A, 6.5A, 6.5B, 9.1D (All), 9.1D (M)	Skin irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1
Luna Privilege	HSR100746	6.9B (All), 6.9B (O), 9.1B (All), 9.1B (A)	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Luna Sensation	HSR100998	6.1D (All), 6.1D (O), 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A), 9.3C	Acute oral toxicity Category 4, 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
MAC Slay Residual Insecticide	HSR101386	2.1.2A, 6.3B, 6.4A, 6.5A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.4A	Aerosol Category 1, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Maxcare Smoke Free Mosquito Coils	HSR101327	9.1A (All), 9.1A (M)	Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Merivon	HSR101300	6.1D (All), 6.1D (O), 6.1D (I), 6.3B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.1B (A), 9.3B	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Metarex inov snail and slug bait	HSR101302	6.1E (All), 6.1E (O), 6.8B, 6.9B (All), 6.9B (O), 9.3C	Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates
Meteor	HSR101023	6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.3B, 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Meteor Rite	HSR101365	6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.3B, 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Methanamine (methylamine)	HSR001008	2.1.1A, 6.1C (All), 6.1C (O), 6.1C (I), 6.9B (All), 6.9B (I), 8.2B, 8.3A, 9.2D, 9.3B	Flammable gas Category 1A, Acute oral toxicity Category 3, Acute inhalation toxicity Category 3, Skin corrosion Category 1B, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2
Mitron Flo	HSR101339	6.1D (O), 6.1D (D), 6.3A, 6.4A, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Moddus Evo	HSR100976	3.1D, 6.1E (All), 6.1E (O), 6.1E (I), 6.4A, 9.1D (All), 9.1D (F), 9.1D (C), 9.1D (A), 9.1D (Oth), 9.3C	Flammable liquid Category 4, Eye irritation Category 2, Hazardous to terrestrial vertebrates
Movento OD	HSR100414	6.4A, 6.5B, 6.8B, 6.9B (All), 6.9B (I), 9.1B (All), 9.1B (M)	Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2

Name	Approval Number	Old Classification	New Classification
Nail 600 EC	HSR101344	3.1D, 6.1C (All), 6.1C (D), 6.1D (I), 6.1E (O), 6.3A, 6.4A, 6.7B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.2A, 9.3C	Flammable liquid Category 4, Acute dermal toxicity Category 3, 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 soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Neeko	HSR007869	6.3B, 6.4A, 9.1A (All), 9.2A	Eye irritation Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
NUL3342	HSR101368	6.1E (All), 6.1E (O), 6.1E (D), 6.1E (I), 6.4A, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
NUL3391	HSR101391	6.1E (All), 6.1E (O), 6.3A, 6.9B (All), 6.9B (O), 8.3A, 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A), 9.1B (M)	Skin irritation Category 2, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
OIB 117	HSR101277	6.4A	Eye irritation Category 2
ORD-X46P	HSR101272	3.1D, 6.1D (All), 6.1D (I), 6.1E (Oth), 6.1E (O), 6.3A, 6.8B, 6.9B (All), 6.9B (O), 8.3A, 9.1A (All), 9.1A (M), 9.3B	Flammable liquid Category 4, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Skin irritation Category 2, 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



Name	Approval Number	Old Classification	New Classification
ORD-X46S	HSR101275	3.1D, 6.1D (All), 6.1D (I), 6.1E (Oth), 6.1E (O), 6.3A, 6.4A, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3B	Flammable liquid Category 4, Acute inhalation toxicity Category 4, Aspiration hazard Category 1, Skin irritation Category 2, Eye irritation Category 2, 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
Oxirane, methyl-	HSR001220	3.1A, 6.1C (All), 6.1C (I), 6.1D (O), 6.1C (D), 6.4A, 6.6A, 6.7A, 6.8B, 9.1C (All), 9.3B	Flammable liquid Category 1, Acute oral toxicity Category 4, Acute dermal toxicity Category 3, Acute inhalation toxicity Category 3, Eye irritation Category 2, Germ cell mutagenicity Category 1, Carcinogenicity Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (single exposure) Category 3 respiratory tract irritation, Hazardous to the aquatic environment chronic Category 3
Paraquat	HSR003041	6.1A (All), 6.1A (I), 6.1C (O), 6.1E (D), 6.3B, 6.4A, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (A), 9.1B (C), 9.1C (F), 9.3B, 9.4B	Acute oral toxicity Category 2, Acute dermal toxicity Category 2, Acute inhalation toxicity Category 1, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Penetrator 472	HSR101278	6.1E (All), 6.1E (O), 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.3C	Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1
Petrol methanol blends containing up to 15 percent methanol	HSR101325	3.1A, 6.1D (All), 6.1D (O), 6.1E (D), 6.1E (Oth), 6.3B, 6.4A, 6.7B, 6.8B, 6.9A (O), 9.1B (All), 9.1B (F)	Flammable liquid Category 1, Acute oral toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Carcinogenicity Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment chronic Category 2
Phostemic 400SL (Part 5, 2018)	HSR101342	6.3B, 6.4A, 9.1D (All), 9.1D (M)	Eye irritation Category 2, Designed for biocidal action
Polynate Bee attractant controlled release dispensers	HSR100639	6.3A, 6.4A, 9.1C (All)	Skin irritation Category 2, Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 3

Name	Approval Number	Old Classification	New Classification
Proclaim Opti	HSR101328	6.1D (I), 6.1D (All), 6.1D (O), 6.1E (D), 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (C), 9.1A (M), 9.1B (F), 9.3C, 9.4A	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Propistrong	HSR101283	6.1E (All), 6.1E (O), 6.1E (Oth), 6.3B, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.3C	Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation Category 1, 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
PROTECT-US™ Mineral Snail and Slug Killer with Elemental Iron	HSR101317	6.5B, 9.1B (All), 9.1B (C)	Skin sensitisation Category 1, Hazardous to the aquatic environment chronic Category 2
Prothor 200SC Termiticide	HSR101371	6.1D (All), 6.1D (O), 6.3B, 6.5B, 6.9B (All), 6.9B (O), 8.3A, 9.1A (All), 9.2B, 9.3B, 9.4A	Acute oral toxicity Category 4, Serious eye damage Category 1, Skin sensitisation Category 1, 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
Protim Antimould	HSR000017	6.1D (All), 6.1D (O), 6.5B, 6.9A (All), 6.9A (I), 8.3A, 9.1A (All), 9.3C	Acute oral toxicity Category 4, Serious eye damage Category 1, Skin sensitisation 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
Protim Optimum HF 0.6%	HSR101265	3.1D, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3B, 6.4A, 6.7B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.3C, 9.4B	Flammable liquid Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Carcinogenicity Category 2, 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
Protim Optimum HFII	HSR101305	3.1D, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.8B, 9.1A (All), 9.1A (M), 9.4B	Flammable liquid Category 4, Aspiration hazard Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Protim Optimum HFII 2.0%	HSR101307	3.1D, 6.1E (All), 6.1E (O), 6.1E (Oth), 6.3B, 6.8B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.4B	Flammable liquid Category 4, Aspiration hazard 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
Prune Seal (new formulation)	HSR101311	6.1E (All), 6.1E (O), 6.1E (D), 6.3A, 6.4A, 6.5A, 6.5B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1B (All), 9.1B (M), 9.3C	Skin irritation Category 2, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
Pygar	HSR101120	3.1D, 6.1E (All), 6.1E (Oth), 6.3B, 6.5A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 8.3A, 9.1A (All), 9.4B	Flammable liquid Category 4, Aspiration hazard Category 1, Serious eye damage Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Pyradym	HSR007880	6.1E (All), 6.1E (Other), 6.3B, 6.5A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.4A	Aspiration hazard Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
RB-2-100	HSR000026	3.1D, 6.1E (All), 6.1E (Other), 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A)	Flammable liquid Category 4, Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
RCRTU 428	HSR101304	9.1A (All), 9.1A (M), 9.4C	Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Ready to use liquid containing 2.5 g/litre cyproconazole and 1 g/litre iodocarb (Substance A)	HSR000632	6.4A, 6.7B, 6.8C, 9.1A (All), 9.1A (F), 9.1A (C), 9.1A (A)	Eye irritation Category 2, Carcinogenicity Category 2, Reproductive toxicity - additional effects on or via lactation, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2

Name	Approval Number	Old Classification	New Classification
Ready to use liquid containing 2.5 g/litre cyproconazole and 1 g/litre iodocarb (Substance B)	HSR000635	6.8B, 9.1B (All), 9.1B (A), 9.1C (F), 9.1C (C)	Reproductive toxicity Category 2, Hazardous to the aquatic environment chronic Category 3
Ready to use liquid containing 2.5 g/litre cyproconazole and 1 g/litre iodocarb (Substance C)	HSR007703	6.5B, 6.8B, 6.9B (All), 6.9B (O), 9.1B (All)	Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 2
Ready to use liquid containing 20.9 g/litre esbiothrin. Also contains hydrocarbons	HSR000333	3.1D, 6.1E (All), 6.1E (Other), 6.3B, 6.9B (All), 9.1A (All), 9.1A (F), 9.1A (C), 9.3C, 9.4C	Flammable liquid Category 4, Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Ready to use liquid containing 22 g/litre benzalkonium chloride and 109 g/litre sodium borate	HSR000845	6.3A, 6.4A, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.3C	Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to the aquatic environment acute Category 1
Ready to use liquid containing 7.2 g/L glyphosate as the isopropylamine salt-Substance B	HSR101326	6.3B, 6.4A, 9.1D (All)	Eye irritation Category 2, Designed for biocidal action
Ready to use liquid containing pelargonic acid 18.3 g/L	HSR101377	9.1D (All), 9.1D (M)	Designed for biocidal action
Ready to use liquid containing pelargonic acid 43 g/L	HSR101375	9.1D (All), 9.1D (M)	Designed for biocidal action
RF-011	HSR100392	6.3B, 6.5A, 6.5B, 6.9B (All), 6.9B (I), 6.9B (O), 9.1A (All), 9.1A (M), 9.4A	Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
RF-045	HSR101312	6.5B, 6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M), 9.3C, 9.4B	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Designed for biocidal action
RF-054	HSR101298	6.3B, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M), 9.4B	Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates
RF-055	HSR101358	6.5B, 6.9B (All), 6.9B (I), 9.1D (All), 9.1D (M), 9.4B	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Designed for biocidal action
RF-060	HSR101318	9.1B (All)	Hazardous to the aquatic environment chronic Category 2
Ridazon	HSR101314	6.5B, 9.1A (All), 9.2A	Skin sensitisation Category 1, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Roundup Fast Ready to Use Weedkiller	HSR101348	6.4A, 9.1D (All), 9.1D (F)	Eye irritation Category 2, Hazardous to the aquatic environment chronic Category 3
Sakura 850 WG	HSR101273	6.5B, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (A), 9.2A	Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Savvy 500 SC	HSR101279	6.5B, 6.9B (All), 6.9B (O), 9.1A (All)	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
SCAL 5134 WBA	HSR101320	2.1.2A, 9.1A (All), 9.1A (M), 9.4B	Aerosol Category 1, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
SCAL 5149 OBA	HSR101321	2.1.2A, 6.3B, 6.9B (All), 6.9B (Oth), 9.1A (All), 9.1A (M), 9.4B	Aerosol Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
SCAL 5157 BAIT	HSR101393	6.5B, 6.8B, 9.1A (All), 9.1A (M), 9.4B	Skin sensitisation Category 1, Reproductive toxicity Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
SCAL 5188 W	HSR101341	6.3B, 6.9B (All), 6.9B (Oth), 9.1A (All), 9.1A (M), 9.4A	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
SCJ-12-120164	HSR100790	6.1E (All), 6.1E (Other), 6.3B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.4A	Aspiration hazard Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
SD-1005	HSR002702	6.1E (All), 6.1E (O), 6.3A, 6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (Oth), 9.4B	Skin irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Selisseo 2% Se Liquid	HSR101270	6.1C (All), 6.1C (O), 6.1D (I), 6.4A, 6.9B (All), 6.9B (O)	Acute oral toxicity Category 3, Acute inhalation toxicity Category 4, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 2
Selontra Soft Bait Rodenticide	HSR101268	6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M)	Specific target organ toxicity (repeated exposure) Category 2, Designed for biocidal action
Sigma Ecofleet 290S Range	HSR101382	3.1C, 6.1D (All), 6.1D (O), 6.3B, 6.4A, 6.5B, 6.7B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 9.1A (All), 9.1A (M), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Carcinogenicity Category 2, 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

Name	Approval Number	Old Classification	New Classification
Slasher Organic Weedkiller	HSR101392	6.3B, 6.4A, 6.5B, 9.1B (All)	Eye irritation Category 2, Skin sensitisation Category 1, Hazardous to the aquatic environment chronic Category 2
Slasher Organic Weedkiller Ready to Use	HSR101384	6.5B, 9.1C (All), 9.1C (M)	Skin sensitisation Category 1, Hazardous to the aquatic environment chronic Category 3
Sodio 50WG	HSR101313	6.3B, 6.4A, 9.1A (All), 9.1A (M), 9.2B	Eye irritation Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 115 g/litre diquat as the dibromide salt and 135 g/litre paraquat as the dichloride salt	HSR000447	6.1A (I), 6.1A (All), 6.1B (O), 6.1B (D), 6.3A, 6.4A, 6.5B, 6.9A (All), 9.1A (All), 9.1A (C), 9.1A (A), 9.1B (F), 9.3A, 9.4C	Acute oral toxicity Category 2, Acute dermal toxicity Category 2, Acute inhalation toxicity Category 1, Skin irritation Category 2, Eye irritation Category 2, 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, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 12 - 13 g/litre benzalkonium chloride and 246 - 528 g/litre sodium borate	HSR000907	6.1E (All), 6.1E (O), 6.3A, 6.8B, 8.3A, 9.1A (All)	Skin irritation Category 2, Serious eye damage Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1
Soluble concentrate containing 190 - 250 g/litre fatty acids (potassium salts)	HSR000690	9.1D (All)	Designed for biocidal action
Soluble concentrate containing 195 g/litre acephate. Also contains ethylene glycol	HSR000154	6.1D (All), 6.1D (O), 6.3A, 6.4A, 6.8A, 6.9A (All), 6.9A (O), 6.9A (I), 6.9B (D), 9.1C (All), 9.3C, 9.4B	Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment chronic Category 3

Name	Approval Number	Old Classification	New Classification
Soluble concentrate containing 200 - 250 g/litre paraquat as the dichloride salt	HSR000828	6.1A (All), 6.1A (I), 6.1C (O), 6.1E (D), 6.3A, 6.4A, 6.9A (All), 6.9A (oral), 9.1A (All), 9.3B, 9.4B	Acute oral toxicity Category 3, Skin irritation Category 2, Eye irritation Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 245 g/litre benzalkonium chloride, 87 g/litre boric acid and 23 g/litre iodocarb	HSR000900	6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.8B, 6.9A (All), 6.9A (O), 6.9B (D), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.3C	Acute oral toxicity Category 4, 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 acute Category 1
Soluble concentrate containing 300 g/litre benzalkonium chloride and 30 g/litre copper sulphate	HSR000657	6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, 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
Soluble concentrate containing 357 g/litre benzalkonium chloride and 112 g/litre copper sulphate	HSR000427	6.1D (All), 6.1D (O), 6.1E (D), 6.5B, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Respiratory sensitisation Category 1, 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
Soluble concentrate containing 360g/L glyphosate as the isopropylamine salt (Substance F)	HSR101287	6.9B (All), 6.9B (I), 9.1B (All), 9.1B (M), 9.3C	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2



Name	Approval Number	Old Classification	New Classification
Soluble concentrate containing 389 g/litre benzalkonium chloride, 21.5 g/litre chlorothalonil and 65.5 g/litre prochloraz	HSR000864	3.1C, 6.1D (All), 6.1C (O), 6.1D (D), 6.1D (I), 6.5B, 6.7B, 6.8A, 6.9B (All), 6.9B (O), 6.9B (I), 8.2C, 8.3A, 9.1A (All), 9.3B	Flammable liquid Category 3, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Carcinogenicity Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 466 g/litre benzalkonium chloride and 7 g/litre permethrin	HSR000890	6.1D (All), 6.1D (O), 6.1E (D), 8.2B, 8.3A, 9.1A (All), 9.3B, 9.4B	Acute oral toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 500 g/litre benzalkonium chloride	HSR000822	6.1D (All), 6.1D (O), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
Soluble concentrate containing 500 g/litre benzalkonium chloride, 50 g/litre guazatine and 50 g/litre iodocarb	HSR000886	6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.5B, 6.9B (All), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 500 g/litre benzalkonium chloride, 50 g/litre guazatine and 50 g/litre propiconazole	HSR000884	6.1D (All), 6.1D (O), 6.1D (D), 6.1D (I), 6.5B, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Soluble concentrate containing 500 g/litre benzalkonium chloride, 50 g/litre iodocarb and 50 g/litre propiconazole	HSR000876	6.1D (All), 6.1D (O), 6.1D (D), 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 8.2B, 8.3A, 9.1A (All), 9.1A (A), 9.3B	Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Soluble concentrate containing 524 g/litre benzalkonium chloride, 65.6 g/litre methylene bithiocyanate and 13 g/litre octhilinone	HSR000879	3.1D, 6.1B (All), 6.1D (O), 6.1D (D), 6.1B (I), 6.5B, 6.8A, 6.9B (All), 6.9B (O), 8.2B, 8.3A, 9.1A (All), 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 4, Acute dermal toxicity Category 4, Acute inhalation toxicity Category 2, Skin corrosion Category 1B, Serious eye damage Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 2
Soluble concentrate containing 80 g/litre benzalkonium chloride	HSR000658	6.1D (All), 6.1D (O), 8.2B, 8.3A, 9.1A (All), 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
Spotless	HSR007857	6.3A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (I), 8.3A, 9.1A (All), 9.3C	Skin irritation Category 2, Serious eye damage Category 1, Skin sensitisation Category 1, 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
Sprinter 700DS	HSR100806	6.1D (All), 6.1D (O), 6.5B, 6.9A (All), 6.9A (O), 6.9B (I), 8.3A, 9.1B (All), 9.2A, 9.3B	Acute oral toxicity Category 4, Serious eye damage Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment chronic Category 2
SPRTU 426	HSR101294	9.1A (All), 9.1A (M)	Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
STINGER 450	HSR101286	9.1B (All), 9.1B (M)	Hazardous to the aquatic environment chronic Category 2
Sulgran 80% WG	HSR100627	6.1E (All), 6.1E (O), 6.1E (D), 6.1E (I), 6.3A, 9.1D (All)	Skin irritation Category 2, Designed for biocidal action
Supremis 100SC	HSR101330	6.5B, 6.8B, 9.1C (All), 9.1C (M)	Skin sensitisation Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment chronic Category 3

Name	Approval Number	Old Classification	New Classification
SureBor N	HSR007668	6.3A, 6.4A, 6.8B, 9.1A (All)	Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1
SureBor N Plus	HSR101137	6.3A, 6.4A, 6.8B, 9.1A (All)	Skin irritation Category 2, Eye irritation Category 2, Reproductive toxicity Category 2, Hazardous to the aquatic environment acute Category 1
Suspension concentrate containing 494 g/litre propazine	HSR000387	6.1D (I), 6.1D (All), 6.1E (O), 6.3B, 6.4A, 9.1A (All), 9.2A, 9.3C	Acute inhalation toxicity Category 4, Eye irritation Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Suspension concentrate containing 720 - 800 g/litre sulphur (Substance A)	HSR000666	6.1E (All), 6.1E (O), 6.1E (D), 6.3A, 9.1D (All)	Skin irritation Category 2, Designed for biocidal action
Suspension concentrate containing 720 - 800 g/litre sulphur (Substance B)	HSR007707	6.1E (All), 6.1E (O), 6.1E (D), 6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1C (All), 9.2C	Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 3
TF3 Substance A	HSR002459	3.1D, 6.1C (All), 6.1C (O), 6.1E (D), 6.5A, 6.5B, 6.8A, 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 8.2C, 8.3A, 9.1A (All), 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 3, Skin corrosion Category 1C, Serious eye damage Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
TF3 Substance B	HSR002460	3.1D, 6.1D (All), 6.1D (O), 6.1E (D), 6.5A, 6.5B, 6.8A, 6.9B (All), 6.9B (O), 6.9B (D), 6.9B (I), 8.2C, 8.3A, 9.1A (All), 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin corrosion Category 1C, Serious eye damage Category 1, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
TNL3613	HSR101367	6.1C (D), 6.1C (All), 6.1D (O), 6.3A, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.2A, 9.3C	Acute oral toxicity Category 4, Acute dermal toxicity Category 3, Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1
Tomahawk 400	HSR101285	3.1D, 6.1D (All), 6.1D (O), 6.3A, 6.4A, 9.1A (All), 9.1A (M), 9.2A, 9.3C	Flammable liquid Category 4, Acute oral toxicity Category 4, Skin irritation Category 2, Eye irritation Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Tramino	HSR101370	8.3A, 9.2A	Serious eye damage Category 1, Hazardous to soil organisms
Twin-Star 2017 formula	HSR101288	3.1D, 6.1D (All), 6.1D (O), 6.1E (D), 6.1E (Oth), 6.3B, 6.4A, 6.5B, 6.7B, 6.8B, 6.9B (All), 6.9B (O), 6.9B (I), 6.9B (Oth), 9.1A (All), 9.2A, 9.3B	Flammable liquid Category 4, Acute oral toxicity Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation Category 1, 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 the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
ULV Aerosol Nat 421	HSR101271	2.1.2A, 6.3B, 6.4A, 6.5A, 6.5B, 6.9B (All), 6.9B (O), 6.9B (Oth), 9.1A (All), 9.1A (M), 9.4B	Aerosol Category 1, Eye irritation Category 2, Respiratory sensitisation Category 1, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
ULV Aerosol TP 422	HSR101274	2.1.2A, 6.3B, 9.1A (M), 9.4B	Aerosol Category 1, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
UNOCAPS (Lambda Cyhalothrin 250 g/L CS)	HSR101387	6.1B (I), 6.1B (All), 6.1C (O), 6.1E (D), 6.3B, 6.4A, 6.5A, 6.5B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (M), 9.3A, 9.4A	Acute oral toxicity Category 3, Acute inhalation toxicity Category 2, Eye irritation Category 2, Respiratory sensitisation Category 1, 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, Hazardous to the aquatic environment chronic Category 1
UPBEET	HSR101295	6.1D (I), 6.1D (All), 6.1E (O), 6.1E (D), 6.3B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (M), 9.2B, 9.3C	Acute inhalation toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Vimoy Iblon	HSR101374	6.1E (All), 6.1E (Oth), 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1B (All), 9.1B (F), 9.1B (C), 9.1B (A), 9.4C	Aspiration hazard Category 1, Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment chronic Category 2
Vista	HSR101355	6.1E (All), 6.1E (O), 6.5B, 6.9B (All), 6.9B (O), 9.1A (All)	Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Vitaflo	HSR101337	6.1D (All), 6.1D (O), 6.1D (I), 6.4A, 6.5B, 6.8B, 6.9A (All), 6.9A (O), 9.1A (All), 9.1A (M), 9.3C	Acute oral toxicity Category 4, Acute inhalation toxicity Category 4, Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Warlock Insecticide	HSR100932	3.1D, 6.1E (All), 6.1E (I), 6.1E (Other), 6.3B, 6.4A, 6.8A, 6.9B (All), 6.9B (O), 6.9B (Other), 9.1A (All), 9.1A (M), 9.3C, 9.4A	Flammable liquid Category 4, Aspiration hazard Category 1, Eye irritation Category 2, Reproductive toxicity Category 1, Specific target organ toxicity (repeated exposure) Category 2, Specific target organ toxicity (single exposure) Category 3 narcotic effects, Hazardous to terrestrial vertebrates, Hazardous to terrestrial invertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1

Name	Approval Number	Old Classification	New Classification
Water dispersible granule containing 800 g/kg sulphur	HSR000816	9.1D (All), 9.1D (Oth)	Designed for biocidal action
Water dispersible granule or wettable powder containing 800 g/kg sulphur	HSR000741	6.1E (All), 6.1E (O), 6.1E (D), 6.1E (I), 6.3A, 9.1D (All), 9.1D (Oth)	Skin irritation Category 2, Designed for biocidal action
WeedMaster TS470 (NUL 3344)	HSR101331	8.3A, 9.1B (All)	Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2
WeedMaster TS540 (NUL 3283)	HSR101332	8.3A, 9.1B (All)	Serious eye damage Category 1, Hazardous to the aquatic environment chronic Category 2
Wettable powder containing 115 g/kg carbaryl, 250 g/kg copper as copper oxychloride and 284 g/kg sulphur	HSR000594	6.1D (All), 6.1D (O), 6.3A, 6.5B, 6.7B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (C), 9.2B, 9.3C, 9.4A	Acute oral toxicity Category 4, Skin irritation Category 2, Skin sensitisation Category 1, Carcinogenicity 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
Wettable powder containing 350 g/kg copper as copper oxychloride and 240 g/kg sulphur	HSR000510	6.1D (All), 6.1D (O), 6.3A, 6.5B, 6.9B (All), 6.9B (O), 9.1A (All), 9.1A (C), 9.1D (F), 9.3C	Acute oral toxicity Category 4, Skin irritation Category 2, Skin sensitisation Category 1, 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
Wettable powder containing 500 g/kg propazine	HSR000399	6.1D (I), 6.1D (All), 6.1E (O), 6.3B, 6.4A, 9.1A (All), 9.2A, 9.3C	Acute inhalation toxicity Category 4, Eye irritation Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1
Worthide Xtra	HSR101309	6.7B, 6.9B (All), 6.9B (O), 9.1C (All), 9.1C (F)	Carcinogenicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 3

Name	Approval Number	Old Classification	New Classification
X-it Grass	HSR101289	6.9B (All), 6.9B (O), 9.1C (All), 9.1C (M)	Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment chronic Category 3
Yates Bug Oil Conqueror Oil Insect Spray (new formulation)	HSR101338	9.1D (All), 9.1D (M)	Designed for biocidal action
Yates Lawn Weedkiller Rapid Hose-on	HSR101388	6.3B, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1D (All), 9.1D (M), 9.2A, 9.3C	Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Designed for biocidal action
Yates Zero Moss & Algae Gun	HSR002436	6.3A, 6.4A, 9.1A (All)	Skin irritation Category 2, Eye irritation Category 2, Hazardous to the aquatic environment acute Category 1
Zero Tough Gel	HSR101276	6.3B, 6.4A, 6.5B, 6.9B (All), 6.9B (O), 9.1B (All), 9.1B (M), 9.2B	Eye irritation Category 2, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms, Hazardous to the aquatic environment chronic Category 2

Table 1 ends

## 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

Pre-2021 HSNO classification	Equivalent new classification
<b>Explosives</b>	
	unstable explosive
1.1 (A, B, C, D, E, F, G, J, L)	Explosive Division 1.1 (A, B, C, D, E, F, G, J, L)
1.2 (B, C, D, E, F, G, H, J, K, L)	Explosive Division 1.2 (B, C, D, E, F, G, H, J, K, L)
1.3 (C, F, G, H, J, K, L)	Explosive Division 1.3 (C, F, G, H, J, K, L)
1.4 (B, C, D, E, F, G, S)	Explosive Division 1.4 (B, C, D, E, F, G, S)
1.5D	Explosive Division 1.5D
1.6N	Explosive Division 1.6N
<b>Flammable gases</b>	
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
<b>Aerosols</b>	
2.1.2A (flammable aerosol)	aerosol Category 1 aerosol Category 2
	aerosol Category 3



<b>Gases under pressure</b>	
	compressed gas liquefied gas refrigerated liquefied gas dissolved gas
<b>Flammable liquids</b>	
3.1A	flammable liquid Category 1
3.1B	flammable liquid Category 2
3.1C	flammable liquid Category 3
3.1D	flammable liquid Category 4
<b>Desensitised explosives</b>	
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
<b>Flammable solids</b>	
4.1.1A	flammable solid Category 1
4.1.1B	flammable solid Category 2
<b>Self-reactive substances and mixtures</b>	
4.1.2A	self-reactive substance or mixture Type A
4.1.2B	self-reactive substance or mixture Type B
4.1.2C	self-reactive substance or mixture Type C
4.1.2D	self-reactive substance or mixture Type D
4.1.2E	self-reactive substance or mixture Type E
4.1.2F	self-reactive substance or mixture Type F
4.1.2G	self-reactive substance or mixture Type G
<b>Pyrophoric liquids, pyrophoric solids, self-heating substances and mixtures</b>	

4.2A	pyrophoric liquid Category 1, or pyrophoric solid Category 1
4.2B	self-heating substance or mixtures Category 1
4.2C	self-heating substance or mixtures Category 2
<b>Substances and mixtures which, in contact with water, emit flammable gases</b>	
4.3A	substance or mixture which, in contact with water, emit flammable gases Category 1
4.3B	substance or mixture which, in contact with water, emit flammable gases Category 2
4.3C	substance or mixture which, in contact with water, emit flammable gases Category 3
<b>Oxidising substances that are liquids or solids</b>	
5.1.1A	oxidising liquid Category 1, or oxidising solid Category 1
5.1.1B	oxidising liquid Category 2, or oxidising solid Category 2
5.1.1C	oxidising liquid Category 3, or oxidising solid Category 3
<b>Oxidising gases</b>	
5.1.2A	oxidising gas Category 1
<b>Organic peroxides</b>	
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**

Pre-2021 HSNO classification	Equivalent new classification
<b>Acute toxicity</b>	
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>
<b>Aspiration hazard</b>	
6.1E (aspiration hazard)	aspiration hazard Category 1 <b>Note: aspiration hazard Category 2 has not been adopted</b>
<b>Respiratory tract irritation</b>	
6.1E (respiratory tract irritant)	specific target organ toxicity – single exposure Category 3 respiratory tract irritation
<b>Skin corrosion/irritation</b>	
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>
<b>Serious eye damage/eye irritation</b>	
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>
<b>Respiratory or skin sensitisation</b>	
6.5A	respiratory sensitisation Category 1
6.5B	skin sensitisation Category 1
<b>Germ cell mutagenicity</b>	
6.6A	germ cell mutagenicity Category 1
6.6B	germ cell mutagenicity Category 2
<b>Carcinogenicity</b>	
6.7A	carcinogenicity Category 1
6.7B	carcinogenicity Category 2
<b>Reproductive toxicity</b>	
6.8A	reproductive toxicity Category 1
6.8B	reproductive toxicity Category 2
6.8C (additional category for effects on or via lactation)	additional effects on or via lactation
<b>Specific target organ toxicity</b>	
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

Pre-2021 HSNO classification	Equivalent new classification
<b>Hazardous to the aquatic environment</b>	
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>
<b>Hazardous to the terrestrial environment</b>	
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