

# DECISION TO ISSUE 207 GROUP STANDARDS AND REVOKE 209 GROUP STANDARDS

## 1. Summary

| Substances                     | Group standards  |
|--------------------------------|--|
| Application code               | APP204119  |
| Applicant                      | The Chief Executive of the Environmental Protection Authority ("the EPA")  |
| Application type               | To revoke 209 group standards as provided by section 96D of the Act<br><br>To issue 207 group standards as provided by section 96B of the Hazardous Substances and New Organisms (HSNO) Act 1996 ("the Act") |
| Consultation period            | 8 June 2020 – 4 August 2020  |
| Number of submissions received | 28 during the public consultation  |
| Consideration date             | 19 October 2020  |
| Decision-maker                 | Decision Making Committee of the EPA (the Committee), composed of:<br><br>Dr Louise Malone (Chair); Dr John Taylor.  |
| Decision                       | <b>The group standards listed in Appendix 1 are revoked, and cease to have effect on 30 April 2021</b><br><br><b>The group standards listed in Appendix 2 are issued, and take effect on 30 April 2021</b>   |
| Approval codes                 | As listed in Appendix 2  |

## 2. Background and discussion

- 2.1. The EPA is currently working through a process to update the current classification system for hazardous substances to Revision 7 (2017) of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS 7).
- 2.2. 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. Applying the GHS 7 will ensure New Zealand has an internationally-aligned classification system that facilitates trade and increases the effectiveness of chemicals management under the Hazardous Substances and New Organisms Act 1996 ("the Act").
- 2.3. As part of the process, from October 2019 to January 2020, the EPA consulted on a proposal to adopt GHS 7. The consultation sought comments on five specific proposals and seventy-one submissions were received. The result of the consultation was that the EPA proceeded with implementing GHS 7.
- 2.4. The new classifications will be implemented by:
  - revoking the current Minimum Degrees of Hazard Notice 2017 and Classification Notice 2017; and
  - issuing a new Hazard Classification Notice 2020 that will incorporate the GHS 7 classifications by reference to the corresponding sections of the GHS 7 document. The Notice will also include classifications for terrestrial ecotoxicity.
- 2.5. Consequential amendments will be made to six other EPA Notices to give effect to the new Hazard Classification Notice. The relevant Notices are the Labelling, Safety Data Sheets, Packaging, Disposal, Hazardous Property Controls, and Importers and Manufacturers Notices.
- 2.6. The EPA Board approved the Hazardous Substances (Hazard Classification) Notice 2020 and the EPA Notices (Amendments and Revocations) Notice 2020 on 15 October 2020. These notices will come into force on 30 April 2021.
- 2.7. One of the consequences of adopting GHS 7 is that all HSNO hazardous substance approvals and group standards must be updated to apply GHS 7 classifications. The EPA released a second consultation document in June 2020 to request feedback on a number of proposals relating to this work.
- 2.8. This decision document covers:
  - the steps required to update the existing group standards, by revoking the existing 209 group standards and issuing a new set of 207 group standards, and
  - the revocation of two additional group standards which are no longer required following the implementation of the Health and Safety at Work (Hazardous Substances) Regulations 2017. These two group standards are:
    - Compressed Gas Mixtures (Non-hazardous) Group Standard 2006
    - Aerosols (Non-hazardous) Group Standard 2006

- 2.9. The process to update individual approvals is occurring on a separate, but parallel, path to the group standards.
- 2.10. The Fire Fighting Chemicals Group Standard (HSR002573) is undergoing a separate amendment process to incorporate changes to the Stockholm Convention which are to be implemented into New Zealand law (Stockholm amendment). The scope of the Stockholm amendment does not overlap with the scope of updating the group standards to GHS 7. The Committee notes that it will consider the revocation and reissue of this group standard once the Stockholm amendment process is completed.

### 3. Public consultation

#### Public consultation

- 3.1. In accordance with section 96C(1)(h) and 96D of the Act, the EPA released a second consultation document related to the implementation of GHS 7. This second consultation specifically requested feedback on proposals to update all HSNO hazardous substance approvals and group standards, and to make a consequential change to the Hazardous Property Controls Notice.
- 3.2. Proposal 3 of the consultation document related to revoking the current set of group standards and issuing an updated set of group standards based on GHS 7 classifications rather than the existing alpha-numeric classification codes.
- 3.3. In addition to updating the group standards to apply GHS 7 classifications, a small number of other changes were proposed to some group standards. These changes were to correct minor technical errors that had been identified in the current group standards and are summarised in the table below.

| Current issue  | Proposed amendment   |
|--|--|
| <p>There are currently no group standards that allow for substances that are corrosive to metal (8.1A), but not corrosive to the skin.</p> <p>Currently the only group standards that allow 8.1A substances are the corrosive group standards. However, the 8.1A classification is listed as a subsidiary hazard - a substance MUST be a skin corrosive (8.2B or 8.2C) to be covered by a corrosive group standards.</p>                         | <p>To add metallic corrosive Category 1 as an optional primary hazard in corrosive group standards. Note that there are only a small number of substances affected by making this change.</p>  |
| <p>When the original group standards were issued in July 2006, all “Compressed Gas Mixtures” group standards that permitted 6.1B or 6.1C substances in them included a clause restricting sale or supply to workplaces only.</p> <p>When the group standards were reissued on 1 December 2017, this clause was inadvertently omitted from “Gas Under Pressure Mixtures (Toxic [6.1], Flammable, Corrosive) Group Standard 2017 - HSR002539”.</p> | <p>To add the sales restriction clause back into group standard HSR002539.</p> <p>The specific wording of the clause is “A substance covered by this Group Standard must only be sold or supplied for use in a place of work where members of the public do not have access to the substance”.</p> |
| <p>There is a cross-referencing error in the Dental Products (Subsidiary Hazard) Group Standard 2017 – HSR002558.</p>  | <p>To correct the cross-referencing error in clause 1(3) in Schedule 1 in group standard HSR002558.</p>  |

| Current issue  | Proposed amendment  |
|--|---|
| <p>Specifically, there is a cross-referencing error in clause 1(3) in Schedule 1, which relates to labelling requirements for oral hygiene products. The current clause is:</p> <p>(3) <i>in addition to the requirements in subclause (2) for oral hygiene products containing or releasing hydrogen peroxide, there must be on the label the precautionary statement: “If irritation occurs, discontinue use”.</i></p> <p>The cross-reference to subclause (2) should be to subclause (1).</p>   |   |
| <p>The three veterinary medicine group standards use both the terms “active ingredient” and “veterinary medicine active ingredient” in various clauses. The new Hazard Classification Notice also uses the term “active ingredient”, and it is defined differently from the definition in the veterinary medicine group standards.</p> <p>In order to reduce confusion, we are proposing to amend the three veterinary medicine group standards to use the term “veterinary medicine active ingredient” exclusively, including in the definition section.</p> <p>The three affected group standards are:</p> <ul style="list-style-type: none"> <li>• Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2017 – HSR100757</li> <li>• Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2017 – HSR100758</li> <li>• Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2020 – HSR100759</li> </ul> | <p>To amend all relevant clauses in the three veterinary medicine group standards to remove all references to “active ingredient” by replacing that term with the term “veterinary medicine active ingredient”, and deleting the definition of “active ingredient” from those group standards.</p> <p>In addition, clause 8 of group standards HSR100758 and HSR100759 is reworded to remove the double negative. The proposed new wording of the clause is:</p> <p><i>This Group Standard excludes any veterinary medicine that contains a veterinary medicine active ingredient that—</i></p> <p>(a) <i>does not have an approval under section 28A or section 29 of the Act: or</i></p> <p>(b) <i>is not an ingredient in a veterinary medicine that has an approval under section 28A or section 29 of the Act.</i></p> |

3.4. The consultation document is available on the [EPA website](#).

3.5. The consultation document was publically notified on the EPA website, and also emailed to relevant government agencies, industry associations and other interested parties (including submitters from previous relevant consultations). The consultation period was 8 June 2020 – 4 August 2020.

3.6. As there was a potential impact on trade, the consultation was also notified to the World Trade Organisation.

3.7. As the proposed group standards are versions of the same group standards that were issued in 2017, updated to refer to GHS 7 classifications, the consultation document did not include an explicit assessment of the matters required under section 96C(1)(a), (b), (c) and (e) of the Act.

### Submissions received

3.8. Twenty eight submissions were received regarding the consultation, with twenty one making specific comments relating to the group standard proposals.

*Changes to scope of group standards*

- 3.9. One submitter noted that although the Gases Under Pressure Mixtures group standards mention that the substances need to be gases under pressure, they do not specifically list the four gases under pressure hazard classifications defined in the Act. They recommend that these hazard classifications be specifically listed in the scope of these group standards as they are mandatory hazards.
- 3.10. One submitter recommended that aerosol Category 3 should be an optional hazard classification for the Cosmetic Products Group Standard.
- 3.11. One submitter requested that the Gases Under Pressure Mixtures group standards be expanded in scope to include gases that are single chemicals and not mixtures.
- 3.12. Two submitters noted that the definition of aerosols have an upper limit of 1000 mL and enquired if that limit could be increased.
- 3.13. One submitter suggested that the three hazard classifications: “hazardous to soil organisms”, “hazardous to terrestrial vertebrates” and “hazardous to terrestrial invertebrates”, were too broad and could be further broken down to provide more information to users.
- 3.14. One submitter suggested that the classification “designed for biocidal action” be added as a permitted hazard for the “Active Ingredients for Use in the Manufacture of Agricultural Compounds” group standard.
- 3.15. One submitter considered that the “designed for biocidal action” classification should be removed from the group standards, especially for relatively “benign” substances such as plant growth regulators that do not have other ecotoxicity classifications.
- 3.16. One submitter suggested adding the metallic corrosive Category 1 hazard classification to all group standards as a subsidiary hazard, as is the case with the eye corrosive Category 1 hazard classification, rather than adding the metallic corrosive Category 1 hazard classification to “corrosive” group standards as proposed in the EPA consultation document.
- 3.17. Aside from the comments above, no submitters were opposed to the specific changes to the scope of the group standards proposed by the EPA in the consultation document.

*Changes to names of group standards*

- 3.18. Three submitters requested that the group standards include the approval number as part of their name, especially on the EPA website to aid searching.
- 3.19. One submitter suggested that any embalming product group standard that allows for carcinogenic hazards within their scope should include the term “carcinogenic” in the name of all the relevant group standards.
- 3.20. Two submitters suggested including the specific GHS Category (including their number) for each hazard classification in the name of the group standards to clarify the scope for users.
- 3.21. One submitter suggested renaming the Dental Products (Oxidising Liquids and Solids) Group Standard to Dental Products (Oxidising) Group Standard for ease of reference.

### *General comments*

- 3.22. Two submitters correctly identified that the difference in the classification of aerosols between HSNO and GHS 7 means that mapping aerosol classifications from HSNO to GHS 7 is not straightforward and may require a change in classification, and group standard assignment, of some substances.
- 3.23. Two submitters noted that people may have trouble assigning the correct GHS skin corrosive classification based on safety data sheet (SDS) information, especially in cases where a substance was assigned a skin corrosive Category 1 with no breakdown into 1A, 1B or 1C. These submitters were concerned that a straight mapping exercise could result in NZ having different GHS classifications for skin corrosives than overseas jurisdictions.
- 3.24. One submitter requested further information regarding whether labels will need to differ from Australia with the inclusion of the terrestrial ecotoxicity hazard classifications.
- 3.25. One submitter noted that they had made a general comment regarding aspiration hazards later in their overall submission.
- 3.26. One submitter noted that the definition of agrichemical in NZS 8409—2004 includes "a detergent or sanitizer used in an agricultural context" and queried how this related to the classification "designed for biocidal action".

### *Typographical or minor errors*

- 3.27. A submitter identified a typographical error in the header of the Cleaning Products (Subsidiary Hazard) Group Standard.
- 3.28. A number of additional typographical or minor errors within the group standards were identified by the EPA during the consultation period.

### **Hearing**

- 3.29. Two submitters initially requested a hearing. The EPA staff contacted both these submitters to discuss, and better understand, their concerns. Following these discussions, the EPA staff proposed a course of action that addressed these submitters' main concerns such that they withdrew their request for a hearing.

## **4. Consideration of submissions**

- 4.1. The Committee considered the submissions that related to the group standard proposals, along with the report by EPA staff regarding these submissions. The Committee acknowledge that the proposed group standards that this Committee have different branding than those that were consulted on. However, the Committee stresses that the differences are cosmetic only and there are no material changes between the two.

## **The Committee's response to matters arising from submissions**

### *Changes to scope of group standards*

- 4.2. The Committee agrees with all the specific changes to the group standards as consulted on by the EPA.
- 4.3. The Committee agrees with the submitters and EPA staff that the additional requirements of the four gases under pressure hazard classifications in the Gases Under Pressure Mixture group standards will allow for greater transparency and understanding of the scope of these group standards. The Committee has included the four gases under pressure hazard classifications in the Gases Under Pressure Mixture group standards.
- 4.4. The Committee agrees that the inclusion of the subsidiary hazard "aerosol Category 3" into the Cosmetic Products Group Standard is appropriate to allow for non-flammable aerosols, such as some shaving gels, to continue to be covered by this group standard. The Committee include the subsidiary hazard "aerosol Category 3" into the Cosmetic Products Group Standard.
- 4.5. The Committee acknowledges the suggested changes to the scope of selected group standards made by some submitters, specifically, to include single component gases, and allow for aerosols over 1,000 mL, and to change the definition of the terrestrial ecotoxic hazard classification. However these suggested changes are outside of the scope of what has been proposed in this consultation and therefore cannot be implemented at this time.
- 4.6. The Committee notes that the hazard classification "designed for biocidal action" is intended to be applied to agrichemicals that are to be released into the environment. Therefore, the Committee concludes that it is not appropriate for this classification to be added into the "Active Ingredients for Use in the Manufacture of Agricultural Compounds" group standard as substances covered by this group standard are not directly released into the environment.
- 4.7. However, the Committee notes that there are some group standards that could cover agrichemicals that are used directly in the environment and it is appropriate that the classification "designed for biocidal action" be included in these group standards. Therefore, the Committee will allow this hazard classification to remain in the specific group standards identified by the EPA staff.
- 4.8. The Committee considered adding the metallic corrosive Category 1 hazard classification to all group standards as a subsidiary hazard. However, the Committee agrees with EPA staff that it is more appropriate that metallic corrosive Category 1 be included as an optional primary hazard in corrosive group standards in the same way as skin corrosion Category 1C. A consideration was acknowledgement that these two classifications both require UN Packing Group III which indicates they are of similar hazard for transportation.

### *Changes to names of group standards*

- 4.9. The Committee agrees with submitters that including the approval number in the name of the group standard will assist with identifying and searching the group standard and directs the EPA to do this on the EPA website.

- 4.10. The Committee notes the other name changes suggested by submitters, but will not change the names of individual group standards further. This allows for the consistent naming convention of mandatory hazard classifications only, without specific levels, in the name of the group standard.

#### *General comments*

- 4.11. The Committee acknowledges that there will be some substances that will need to be assigned to different group standards as a result of implementing the new classification system. The Committee notes that the EPA intends to release guidance material to better inform industry about the changes required.
- 4.12. Regarding the EPA's response to specific comments by submitters on issues that are not able to be addressed by these current changes to the group standards, such as those identified in the "general comments" heading above, the Committee directs them to the submission analysis report on the consultation. This report is available on the EPA website and includes a discussion on issues raised by submitters that are outside the scope of this consultation.

#### *Typographical or minor errors*

- 4.13. The Committee notes the typographical error identified by a submitter in the header of the Cleaning Products (Subsidiary Hazard) Group Standard is not present in the group standards approved by the Committee due to the change in EPA branding. The Committee notes the typographical errors identified by EPA staff and agrees that these are appropriate changes to the proposed group standards. The Committee has incorporated these changes into the relevant proposed group standards.

## **5. Matters to be considered by the Committee**

### **Legislative criteria for issuing, amending and revoking group standards**

- 5.1. The relevant sections of the Act that deal with issuing, amending and revoking group standards are sections 96B, 96C and 96 D.
- 5.2. As required by section 96D(1), the EPA publically notified its intention to revoke 209 existing group standards.
- 5.3. As required by section 96C(1)(h), the EPA publically notified its intention to issue 207 new group standards.
- 5.4. Before issuing a group standard, section 96C(1)(a), (b) and (c) of the Act requires the Committee to be satisfied that issuing the group standard is a more efficient and effective way of managing the risks of all the hazardous substances in the identified group and, in relation to section 96C(1)(a), than the approval process in Part 5 of the Act.
- 5.5. Further, where a group standard applies to more than one hazardous substance, the Committee must be satisfied that all the hazardous substances in the identified group "*have a similar nature, are of a*



*similar type, or have similar circumstances of use, such that the risks of the group of hazardous substances [...] can be effectively managed by 1 set of conditions” (section 96C(1)(e)(ii)).*

- 5.6. In addition, the Committee must consider best international practice and standards for the safe management of hazardous substances and the types of controls that are appropriate for each group standard in accordance with sections 77, 77A and 77B of the Act (section 96C(1)(f) and 96C(1)(g)).
- 5.7. Section 7 of the Act requires all persons exercising functions, powers and duties under the Act to take into account the need for caution in managing adverse effects where there is scientific and technical uncertainty about those effects.
- 5.8. The Committee considers that the 207 group standards proposed to be issued are substantially the same as the 207 group standards proposed to be revoked, with the primary change being to update the hazard classifications to GHS 7. Therefore the analysis carried out when the original group standards were issued with respect to meeting the statutory requirements of s96(C) remains valid for these new group standards. A summary of consideration of these matters is provided below.

***Efficiency and effectiveness (section 96(C)(1)(a) – (c))***

- 5.9. As with the original set of group standards, these updated group standards will continue to provide a more efficient and effective way of managing the risks posed by the specific groups of substances for the following reasons:
  - the group standards offer a level of risk management comparable with the level that would result with an approval under Part 5 of the Act;
  - importers and manufacturers will achieve a predictable regulatory outcome through the use of group standards. The conditions of use will be readily available to them if the group standards are issued, and importers and manufacturers will be aware of the framework of the group standards at the beginning of the regulatory process;
  - the set of conditions that apply to a given substance under a group standard approval is consistent with other substances with similar properties;
  - importers and manufacturers will achieve greater regulatory efficiency if the group standards are issued;
  - reduced regulatory requirements for importers or manufacturers may result in a greater range of substances on the New Zealand market, which would provide greater choice for consumers and potential cost savings.
- 5.10. The Committee concludes that the management of risk for the group standards is comparable to the level of risk management under a Part 5 approval. As a package, the group standards are a more efficient and effective way of managing the risks of the groups of hazardous substances for the other reasons detailed above.

***Similar nature, type, circumstance of use/one set of conditions (section 96C(1)(e)(ii))***

- 5.11. Each of the group standards has been developed for substances that the Committee considers to be of a similar nature, similar type and a similar circumstance of use, in accordance with the requirements of section 96C(1)(e)(ii) of the Act for issuing a group standard.
- 5.12. The Committee notes that in order for substances to be covered by an individual group standard, they would be required to meet the scope of the group standard which details certain hazardous properties, certain uses, certain types of substances to which the standard would apply.
- 5.13. The Committee is satisfied that these requirements ensure that the substances covered by a group standard would all present similar exposure risks; therefore we consider them to be of a similar nature.
- 5.14. The Committee considers that all substances covered by the individual group standards are of a similar type as they are required to have specific hazard classifications and a specified use.
- 5.15. The Committee notes that the substances covered by the group standards will be used in a similar fashion.
- 5.16. Because the substances to which group standards apply are similar in key respects, the Committee considers that the risks of each group of hazardous substances can be effectively managed by one set of conditions for each group.

***Best international practices and standards (section 96C(1)(f))***

- 5.15. Before issuing or amending a group standard, section 96C(1)(f) of the Act requires that the Committee considers the best international practices and standards for the safe management of hazardous substances and products.
- 5.16. The Committee notes that the conditions contained within the group standards have been primarily drawn from the suite of controls prescribed in EPA Notices. In turn, many controls in the EPA Notices are based on the internationally accepted Globally Harmonised System of Classification and Labelling of Chemicals, and the Recommendations on the Transport of Dangerous Goods Model Regulations (“UNRTDG”) published by the UN. These UN documents have been developed by reputable international scientists, and they have been widely adopted and implemented internationally including by our main trading partners (Australia, USA, Canada, the European Union, China, Japan, and South Korea).
- 5.17. The Committee therefore considers that the conditions of the group standards are in line with international codes of practice and standards.
- 5.18. The Committee considers that, having regard to best international practices and standards, the group standards provide a regulatory regime that will sufficiently manage the risks posed by these substances.

***Conditions (section 96C(1)(g))***

- 5.19. Each proposed group standard includes controls imposed on hazardous substances to which a group standard applies, in the form of conditions in Schedule 1 to each group standard. Section 96C(1)(g) of

the Act requires the Committee to consider the types of controls appropriate for the substances covered by these group standards in accordance with sections 77 to 77B of the Act.

- 5.20. Section 76 of the Act allows the EPA to issue EPA Notices that prescribe controls for substances based on the hazard classification. Each of the group standards imposes the requirements of the relevant EPA Notices as conditions. In addition, some group standards contains additional conditions.
- 5.21. The Committee has considered the conditions contained in each group standard, and assesses them as being types of EPA controls appropriate for each group standard, in accordance with sections 77, 77A and 77B of the Act.

### **Achieving the purpose of the Act**

- 5.22. The purpose of the Act is to protect the environment, and the health and safety of people and communities, by preventing or managing the adverse effects of hazardous substances and new organisms (section 4 of the Act).
- 5.23. In order to achieve the purpose of the Act, when considering these proposed group standards, the Committee has recognised and has provided for the following principles:
- the safeguarding of the life-supporting capacity of air, water, soil and ecosystems; and
  - the maintenance and enhancement of the capacity of people and communities to provide for their own economic, social and cultural well-being and for the reasonably foreseeable needs of future generations.
- 5.24. The Committee considers the group standards are an effective way to manage the risks of similar substances over their lifecycle. The controls imposed under group standards ensure that substances are managed in an appropriate manner to ensure the life-supporting capacity of all the environmental elements is safeguarded. The group standards also will maintain and enhance the capacity of people and communities by allowing them to use substances in a safe and appropriate manner, subject to appropriate conditions.
- 5.25. The Committee took into account the following matters when considering these proposed group standards in order to achieve the purpose of the Act:
- The sustainability of all native and valued introduced flora and fauna;
  - The intrinsic value of ecosystems;
  - Public health;
  - The relationship of Māori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, valued flora and fauna, and other taonga;
  - The economic and related benefits and costs of using a particular hazardous substance or new organism;
  - New Zealand's international obligations;
  - The need for caution in managing adverse effects where there is scientific and technical uncertainty about those effects; and

- The principles of the Treaty of Waitangi (Te Tiriti o Waitangi).

- 5.26. The Committee considers the group standards to be a good way to control substances to achieve the purpose of the Act. The controls required by the group standards safeguard the sustainability of flora and fauna and the value of ecosystems by taking into account the hazard classification of different types of substances and imposing appropriate controls over the lifecycle of the substance. The controls imposed on substances that relate to human health identify any potential adverse effects, provide the means to eliminate or reduce them to negligible levels and help guard public health. Group standards allow for the economic and related benefits of a hazardous substance to be identified in that they promote innovation by decreasing compliance costs for new hazardous substances. Group standards only allow for inclusion of hazardous substances that comply with the scope of the group standard, allowing the adoption of a cautious approach in managing adverse effects of these substances. The group standards are consistent with New Zealand's international obligations as they require compliance with the EPA Notices which are consistent with New Zealand's international obligations.
- 5.27. The EPA sent the consultation document that fed into this decision to Te Herenga, the EPA's national network of Māori environmental practitioners and kaitiaki. The group standards are a crucial part of the framework that helps protect people, communities and the environment from the adverse effects of hazardous substances, which is consistent with Māori environmental values and the principles of the Treaty of Waitangi.
- 5.28. The Committee is satisfied that this decision is consistent with the purpose of the Act and the above principles and matters. Any substantive issues arising from the legislative criteria and issues raised by submitters have been discussed in the preceding sections of this decision.

### **Notice of revocation and issuance of Group Standards**

- 5.29. A formal notice of the revocation of 209 group standards, and issue of 207 group standards will be published in the New Zealand Gazette.
- 5.30. Pursuant to section 96B(6) of the Act, as soon as practicable after issuing a group standard, the EPA must:
- a. publish the group standards in a publication relevant to affected persons; and
  - b. make the group standards available to be inspected free of charge and purchased at a reasonable price; and
  - c. give public notice of where the group standards can be inspected or purchased.
- 5.31. These requirements will be met once the new group standards are made available on the EPA website, and directly from the EPA's offices in the form of electronic access to the EPA website or access to hard copies.

## 6. Decision

### Decision to revoke 209 group standards

- 6.1. Having ensured that the requirement of section 96D of the Act has been met, the Committee revokes the 209 group standards listed in Appendix 1, and directs that a notice advising of this be prepared and published in the New Zealand Gazette as required under the Act.

### Decision to issue 207 group standards

- 6.2. Having regard to the matters in sections 96B, 96C and taking into account the relevant matters in Part 2 of the Act, the Committee issues the 207 group standards listed in Appendix 2 and directs that a notice advising of this be prepared and published in the New Zealand Gazette as required under the Act. The full text of the 207 group standards that are being issued is attached in Appendices 3 – 211.
- 6.3. The Committee considers it appropriate that these group standards come into force on 30 April 2021 on the same date as the new EPA Notices establishing the new hazard classification system.
- 6.4. The Committee recommends that EPA produce accompanying guidance material to assist users of these group standards with their interpretation, and to inform users of their obligations and requirements for substances approved under these group standards.



Signed by: **Dr Louise Malone**

**Date: 19 October 2020**

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**Chair, Decision Making Committee**

**Environmental Protection Authority**

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## Appendix 1: Revoked group standards and their approval numbers

| Approval No   | Name of Group Standard   |
|---|--|
| <b>Active Ingredients Used in the Manufacture of Agricultural Compounds</b> |  |
| HSR100756   | Active Ingredients for Use in the Manufacture of Agricultural Compounds Group Standard 2017                  |
| <b>Additives, Process Chemicals and Raw Materials</b>                       |  |
| HSR002490   | Additives, Process Chemicals and Raw Materials (Combustible) Group Standard 2017                             |
| HSR002491   | Additives, Process Chemicals and Raw Materials (Corrosive) Group Standard 2017                               |
| HSR002492   | Additives, Process Chemicals and Raw Materials (Corrosive, Combustible) Group Standard 2017                  |
| HSR002493   | Additives, Process Chemicals and Raw Materials (Corrosive, Toxic [6.7]) Group Standard 2017                  |
| HSR002494   | Additives, Process Chemicals and Raw Materials (Corrosive, Combustible, Toxic [6.7]) Group Standard 2017     |
| HSR002495   | Additives, Process Chemicals and Raw Materials (Flammable) Group Standard 2017                               |
| HSR002496   | Additives, Process Chemicals and Raw Materials (Flammable, Corrosive) Group Standard 2017                    |
| HSR002497   | Additives, Process Chemicals and Raw Materials (Flammable, Corrosive, Toxic [6.7]) Group Standard 2017       |
| HSR002498   | Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1 + 6.7]) Group Standard 2017            |
| HSR002499   | Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2017 |
| HSR002500   | Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1]) Group Standard 2017                  |
| HSR002501   | Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.1], Corrosive) Group Standard 2017       |
| HSR002502   | Additives, Process Chemicals and Raw Materials (Flammable, Toxic [6.7]) Group Standard 2017                  |
| HSR002503   | Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2017                       |
| HSR002504   | Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7]) Group Standard 2017                       |

| Approval No   | Name of Group Standard   |
|---|--|
| HSR002505   | Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Combustible) Group Standard 2017            |
| HSR002506   | Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Corrosive) Group Standard 2017              |
| HSR002507   | Additives, Process Chemicals and Raw Materials (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2017 |
| HSR002508   | Additives, Process Chemicals and Raw Materials (Toxic [6.1]) Group Standard 2017                               |
| HSR002509   | Additives, Process Chemicals and Raw Materials (Toxic [6.1], Combustible) Group Standard 2017                  |
| HSR002510   | Additives, Process Chemicals and Raw Materials (Toxic [6.1], Corrosive) Group Standard 2017                    |
| HSR002511   | Additives, Process Chemicals and Raw Materials (Toxic [6.1], Corrosive, Combustible) Group Standard 2017       |
| HSR002512   | Additives, Process Chemicals and Raw Materials (Toxic [6.7]) Group Standard 2017                               |
| HSR002513   | Additives, Process Chemicals and Raw Materials (Combustible, Toxic [6.7]) Group Standard 2017                  |
| <b>Aerosols</b>                                     |  |
| HSR002514   | Aerosols (Corrosive) Group Standard 2017   |
| HSR002515   | Aerosols (Flammable) Group Standard 2017   |
| HSR002516   | Aerosols (Flammable, Corrosive) Group Standard 2017  |
| HSR002517   | Aerosols (Flammable, Toxic [6.7]) Group Standard 2017  |
| HSR002518   | Aerosols (Non-hazardous) Group Standard 2006   |
| HSR002519   | Aerosols (Subsidiary Hazard) Group Standard 2017   |
| HSR002520   | Aerosols (Toxic [6.7]) Group Standard 2017   |
| <b>Agricultural Compounds Special Circumstances</b> |  |
| HSR100592   | Agricultural Compounds Special Circumstances Group Standard 2017   |
| <b>Animal Nutritional and Animal Care Products</b>  |  |
| HSR002521   | Animal Nutritional and Animal Care Products Group Standard 2017  |
| <b>Class 4 Substances</b>                           |  |
| HSR002522   | Class 4 Substances Group Standard 2017   |

| Approval No                  | Name of Group Standard   |
|------------------------------|--|
| HSR002523                    | Class 4 Substances (Toxic [6.1]) Group Standard 2017                       |
| HSR002524                    | Class 4 Substances (Toxic [6.7]) Group Standard 2017                       |
| <b>Cleaning Products</b>     |  |
| HSR002525                    | Cleaning Products (Combustible) Group Standard 2017                        |
| HSR002526                    | Cleaning Products (Corrosive) Group Standard 2017                          |
| HSR002527                    | Cleaning Products (Corrosive, Combustible) Group Standard 2017             |
| HSR002528                    | Cleaning Products (Flammable) Group Standard 2017                          |
| HSR002529                    | Cleaning Products (Flammable, Corrosive) Group Standard 2017               |
| HSR002530                    | Cleaning Products (Subsidiary Hazard) Group Standard 2017                  |
| HSR002531                    | Cleaning Products (Toxic [6.7]) Group Standard 2017                        |
| HSR002590                    | Cleaning Products (Oxidising [5.1.1]) Group Standard 2017                  |
| HSR002591                    | Cleaning Products (Oxidising [5.1.1], Corrosive) Group Standard 2017       |
| <b>Construction Products</b> |  |
| HSR002542                    | Construction Products (Corrosive [8.2C]) Group Standard 2017               |
| HSR002543                    | Construction Products (Corrosive [8.2C], Toxic [6.7A]) Group Standard 2017 |
| HSR002544                    | Construction Products (Subsidiary Hazard) Group Standard 2017              |
| HSR002545                    | Construction Products (Toxic [6.7A]) Group Standard 2017                   |
| <b>Corrosion Inhibitors</b>  |  |
| HSR002546                    | Corrosion Inhibitors (Combustible) Group Standard 2017                     |
| HSR002547                    | Corrosion Inhibitors (Corrosive) Group Standard 2017                       |
| HSR002548                    | Corrosion Inhibitors (Flammable) Group Standard 2017                       |
| HSR002549                    | Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2017               |
| HSR002550                    | Corrosion Inhibitors (Toxic [6.1]) Group Standard 2017                     |
| HSR002551                    | Corrosion Inhibitors (Toxic [6.7]) Group Standard 2017                     |
| <b>Cosmetic Products</b>     |  |



| Approval No                          | Name of Group Standard   |
|--------------------------------------|--|
| HSR002552                            | Cosmetic Products Group Standard 2017  |
| <b>Denatured Ethanol</b>             |  |
| HSR002553                            | Denatured Ethanol Group Standard 2017  |
| <b>Dental Products</b>               |  |
| HSR002554                            | Dental Products (Combustible) Group Standard 2017                            |
| HSR002555                            | Dental Products (Corrosive) Group Standard 2017                              |
| HSR002556                            | Dental Products (Flammable) Group Standard 2017                              |
| HSR002557                            | Dental Products (Oxidising [5.1.1]) Group Standard 2017                      |
| HSR002558                            | Dental Products (Subsidiary Hazard) Group Standard 2017                      |
| HSR002559                            | Dental Products (Toxic [6.1], Corrosive) Group Standard 2017                 |
| HSR002560                            | Dental Products (Toxic [6.7]) Group Standard 2017                            |
| <b>Embalming Products</b>            |  |
| HSR002561                            | Embalming Products (Combustible) Group Standard 2017                         |
| HSR002562                            | Embalming Products (Corrosive [8.2C]) Group Standard 2017                    |
| HSR002563                            | Embalming Products (Flammable) Group Standard 2017                           |
| HSR002564                            | Embalming Products (Flammable, Toxic [6.1], Corrosive) Group Standard 2017   |
| HSR002565                            | Embalming Products (Subsidiary Hazard) Group Standard 2017                   |
| HSR002566                            | Embalming Products (Toxic [6.1], Corrosive) Group Standard 2017              |
| HSR002567                            | Embalming Products (Toxic [6.1], Corrosive, Combustible) Group Standard 2017 |
| HSR002568                            | Embalming Chemicals (Toxic [6.7]) Group Standard 2017                        |
| <b>Fertilisers</b>                   |  |
| HSR002569                            | Fertilisers (Corrosive) Group Standard 2017                                  |
| HSR002570                            | Fertilisers (Oxidising) Group Standard 2017                                  |
| HSR002571                            | Fertilisers (Subsidiary Hazard) Group Standard 2017                          |
| HSR002572                            | Fertilisers (Toxic [6.1C]) Group Standard 2017                               |
| <b>Food Additives and Fragrances</b> |  |

| Approval No                        | Name of Group Standard  |
|------------------------------------|---|
| HSR002574                          | Food Additives and Fragrance Materials (Combustible) Group Standard 2017              |
| HSR002575                          | Food Additives and Fragrance Materials (Corrosive [8.2C]) Group Standard 2017         |
| HSR002576                          | Food Additives and Fragrance Materials (Flammable) Group Standard 2017                |
| HSR002577                          | Food Additives and Fragrance Materials (Flammable, Toxic [6.1]) Group Standard 2017   |
| HSR002578                          | Food Additives and Fragrance Materials (Subsidiary Hazard) Group Standard 2017        |
| HSR002579                          | Food Additives and Fragrance Materials (Toxic [6.1]) Group Standard 2017              |
| HSR002580                          | Food Additives and Fragrance Materials (Toxic [6.1], Combustible) Group Standard 2017 |
| <b>Fuel Additives</b>              |   |
| HSR002581                          | Fuel Additives (Combustible) Group Standard 2017                                      |
| HSR002582                          | Fuel Additives (Corrosive) Group Standard 2017  |
| HSR002583                          | Fuel Additives (Flammable) Group Standard 2017  |
| HSR002584                          | Fuel Additives (Flammable, Toxic [6.7]) Group Standard 2017                           |
| HSR002585                          | Fuel Additives (Subsidiary Hazard) Group Standard 2017                                |
| HSR002586                          | Fuel Additives (Toxic [6.7]) Group Standard 2017                                      |
| HSR002587                          | Fuel Additives (Combustible, Toxic [6.7]) Group Standard 2017                         |
| <b>Gas Under Pressure Mixtures</b> |   |
| HSR002532                          | Gas Under Pressure Mixtures (Flammable) Group Standard 2017                           |
| HSR002533                          | Compressed Gas Mixtures (Non-hazardous) Group Standard 2006                           |
| HSR002534                          | Gas Under Pressure Mixtures (Oxidising [5.1.2]) Group Standard 2017                   |
| HSR002535                          | Gas Under Pressure Mixtures (Subsidiary Hazard) Group Standard 2017                   |
| HSR002536                          | Gas Under Pressure Mixtures (Toxic [6.1]) Group Standard 2017                         |
| HSR002537                          | Gas Under Pressure Mixtures (Toxic [6.1], Corrosive) Group Standard 2017              |
| HSR002538                          | Gas Under Pressure Mixtures (Toxic [6.1], Flammable) Group Standard 2017              |
| HSR002539                          | Gas Under Pressure Mixtures (Toxic [6.1], Flammable, Corrosive) Group Standard 2017   |
| HSR002540                          | Gas Under Pressure Mixtures (Toxic[6.1], Oxidising [5.1.2]) Group Standard 2017       |

| Approval No                                  | Name of Group Standard  |
|--|---|
| HSR002541                                    | Gas Under Pressure Mixtures (Toxic[6.1], Oxidising [5.1.2], Corrosive) Group Standard 2017    |
| <b>Graphic Materials</b>                     |   |
| HSR008053                                    | Graphic Materials Group Standard 2018   |
| <b>Industrial Cleaning Products</b>          |   |
| HSR002588                                    | Industrial and Institutional Cleaning Products (Corrosive, Toxic [6.7]) Group Standard 2017   |
| HSR002589                                    | Industrial and Institutional Cleaning Products (Flammable, Toxic [6.7]) Group Standard 2017   |
| HSR002592                                    | Industrial and Institutional Cleaning Products (Toxic [6.1 + 6.7]) Group Standard 2017        |
| HSR002593                                    | Industrial and Institutional Cleaning Products (Toxic [6.1]) Group Standard 2017              |
| HSR002594                                    | Industrial and Institutional Cleaning Products (Combustible, Toxic [6.1]) Group Standard 2017 |
| HSR002595                                    | Industrial and Institutional Cleaning Products (Toxic [6.1], Corrosive) Group Standard 2017   |
| HSR002651                                    | Industrial and Institutional Cleaning Products (Combustible, Toxic [6.7]) Group Standard 2017 |
| <b>Laboratory Chemicals and Reagent Kits</b> |   |
| HSR002596                                    | Laboratory Chemicals and Reagent Kits Group Standard 2017                                     |
| HSR002692                                    | Laboratory Chemicals and Reagent Kits (Class 4) Group Standard 2017                           |
| HSR002693                                    | Laboratory Chemicals and Reagent Kits (Oxidising [5.1.1]) Group Standard 2017                 |
| <b>Leather and Textiles</b>                  |   |
| HSR002597                                    | Leather and Textile Products (Combustible) Group Standard 2017                                |
| HSR002598                                    | Leather and Textile Products (Corrosive) Group Standard 2017                                  |
| HSR002599                                    | Leather and Textile Products (Flammable) Group Standard 2017                                  |
| HSR002600                                    | Leather and Textile Products (Subsidiary Hazard) Group Standard 2017                          |
| HSR002601                                    | Leather and Textile Products (Toxic [6.7]) Group Standard 2017                                |
| <b>Lubricants</b>                            |   |
| HSR002602                                    | Lubricants (Combustible) Group Standard 2017  |
| HSR002603                                    | Lubricants (Flammable) Group Standard 2017  |

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| Approval No                    | Name of Group Standard   |
|--------------------------------|--|
| HSR002604                      | Lubricants (Flammable, Toxic [6.7]) Group Standard 2017  |
| HSR002605                      | Lubricants (Low Hazard) Group Standard 2017  |
| HSR002606                      | Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2017 |
| HSR002607                      | Lubricants (Toxic [6.7]) Group Standard 2017   |
| HSR002608                      | Lubricants (Combustible, Toxic [6.7]) Group Standard 2017  |
| <b>Metal Industry Products</b> |  |
| HSR002609                      | Metal Industry Products (Corrosive) Group Standard 2017  |
| HSR002610                      | Metal Industry Products (Corrosive, Toxic [6.7]) Group Standard 2017                                     |
| HSR002611                      | Metal Industry Products (Flammable) Group Standard 2017  |
| HSR002612                      | Metal Industry Products (Subsidiary Hazard) Group Standard 2017  |
| HSR002613                      | Metal Industry Products (Toxic [6.1 + 6.7]) Group Standard 2017  |
| HSR002614                      | Metal Industry Products (Toxic [6.1]) Group Standard 2017  |
| HSR002615                      | Metal Industry Products (Toxic [6.1], Corrosive) Group Standard 2017                                     |
| HSR002616                      | Metal Industry Products (Toxic [6.7]) Group Standard 2017  |
| <b>N.O.S.</b>                  |  |
| HSR002617                      | N.O.S. (Combustible) Group Standard 2017   |
| HSR002618                      | N.O.S. (Corrosive) Group Standard 2017   |
| HSR002619                      | N.O.S. (Corrosive, Combustible) Group Standard 2017  |
| HSR002620                      | N.O.S. (Flammable, Corrosive) Group Standard 2017  |
| HSR002621                      | N.O.S. (Flammable) Group Standard 2017   |
| HSR002622                      | N.O.S. (Flammable Toxic [6.1, 6.7]) Group Standard 2017  |
| HSR002623                      | N.O.S. (Flammable, Toxic [6.1, 6.7], Corrosive) Group Standard 2017                                      |
| HSR002624                      | N.O.S. (Subsidiary Hazard) Group Standard 2017   |
| HSR002625                      | N.O.S. (Toxic [6.1, 6.7]) Group Standard 2017  |
| HSR002626                      | N.O.S. (Toxic [6.1, 6.7], Combustible) Group Standard 2017   |

| Approval No                              | Name of Group Standard   |
|--|--|
| HSR002627                                | N.O.S. (Toxic [6.1, 6.7], Corrosive) Group Standard 2017                       |
| HSR002628                                | N.O.S. (Toxic [6.1, 6.7], Corrosive, Combustible) Group Standard 2017          |
| <b>Organic Peroxides</b>                 |  |
| HSR002629                                | Organic Peroxides Group Standard 2017  |
| HSR002630                                | Organic Peroxides, Corrosive Group Standard 2017                               |
| HSR100055                                | Organic Peroxides, Toxic [6.1], Corrosive Substances Group Standard 2017       |
| <b>Oxidising Liquids and Solids</b>      |  |
| HSR002631                                | Oxidising [5.1.1] Substances Group Standard 2017                               |
| HSR002632                                | Oxidising [5.1.1], Corrosive Substances Group Standard 2017                    |
| HSR002633                                | Oxidising [5.1.1], Toxic [6.1 + 6.7], Corrosive Substances Group Standard 2017 |
| HSR002634                                | Oxidising [5.1.1], Toxic [6.1] Substances Group Standard 2017                  |
| <b>Pharmaceutical Active Ingredients</b> |  |
| HSR100425                                | Pharmaceutical Active Ingredients Group Standard 2017                          |
| <b>Pheromone Containing Products</b>     |  |
| HSR100628                                | Straight-chained Lepidopteran Sex Pheromone Group Standard 2017                |
| <b>Photographic Chemicals</b>            |  |
| HSR002635                                | Photographic Chemicals (Combustible) Group Standard 2017                       |
| HSR002636                                | Photographic Chemicals (Corrosive) Group Standard 2017                         |
| HSR002637                                | Photographic Chemicals (Flammable) Group Standard 2017                         |
| HSR002638                                | Photographic Chemicals (Subsidiary Hazard) Group Standard 2017                 |
| HSR002639                                | Photographic Chemicals (Toxic [6.7]) Group Standard 2017                       |
| <b>Polymers</b>                          |  |
| HSR002640                                | Polymers (Combustible) Group Standard 2017                                     |
| HSR002641                                | Polymers (Flammable) Group Standard 2017                                       |
| HSR002642                                | Polymers (Flammable, Corrosive) Group Standard 2017                            |
| HSR002643                                | Polymers (Flammable, Toxic [6.7]) Group Standard 2017                          |

| Approval No                            | Name of Group Standard  |
|--|---|
| HSR002644                              | Polymers (Subsidiary Hazard) Group Standard 2017  |
| HSR002645                              | Polymers (Toxic [6.1]) Group Standard 2017  |
| HSR002646                              | Polymers (Toxic [6.7]) Group Standard 2017  |
| <b>Reagent Kits</b>                    |   |
| HSR002647                              | Reagent Kits Group Standard 2017  |
| <b>Refining Catalysts</b>              |   |
| HSR002648                              | Refining Catalysts Group Standard 2017  |
| <b>Solvents</b>                        |   |
| HSR002649                              | Solvents (Combustible) Group Standard 2017  |
| HSR002650                              | Solvents (Flammable) Group Standard 2017  |
| HSR002652                              | Solvents (Flammable, Toxic [6.7]) Group Standard 2017                                     |
| HSR002653                              | Solvents (Subsidiary Hazard) Group Standard 2017  |
| HSR002654                              | Solvents (Toxic [6.1]) Group Standard 2017  |
| HSR002655                              | Solvents (Toxic [6.7]) Group Standard 2017  |
| HSR002656                              | Solvents (Combustible, Toxic [6.7]) Group Standard 2017                                   |
| <b>Surface Coatings and Colourants</b> |   |
| HSR002657                              | Surface Coatings and Colourants (Combustible) Group Standard 2017                         |
| HSR002658                              | Surface Coatings and Colourants (Corrosive) Group Standard 2017                           |
| HSR002659                              | Surface Coatings and Colourants (Corrosive, Combustible) Group Standard 2017              |
| HSR002660                              | Surface Coatings and Colourants (Corrosive, Toxic [6.7]) Group Standard 2017              |
| HSR002661                              | Surface Coatings and Colourants (Corrosive, Combustible, Toxic [6.7]) Group Standard 2017 |
| HSR002662                              | Surface Coatings and Colourants (Flammable) Group Standard 2017                           |
| HSR002663                              | Surface Coatings and Colourants (Flammable, Corrosive) Group Standard 2017                |
| HSR002664                              | Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) Group Standard 2017   |
| HSR002665                              | Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7]) Group Standard 2017        |

| Approval No                        | Name of Group Standard  |
|------------------------------------|---|
| HSR002666                          | Surface Coatings and Colourants (Flammable, Toxic [6.1 + 6.7], Corrosive) Group Standard 2017   |
| HSR002667                          | Surface Coatings and Colourants (Flammable, Toxic [6.1]) Group Standard 2017                    |
| HSR002668                          | Surface Coatings and Colourants (Flammable, Toxic [6.1], Corrosive) Group Standard 2017         |
| HSR002669                          | Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2017                    |
| HSR002670                          | Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2017                         |
| HSR002671                          | Surface Coatings and Colourants (Toxic [6.1 + 6.7]) Group Standard 2017                         |
| HSR002672                          | Surface Coatings and Colourants (Toxic [6.1 + 6.7], Combustible) Group Standard 2017            |
| HSR002673                          | Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive) Group Standard 2017              |
| HSR002674                          | Surface Coatings and Colourants (Toxic [6.1 + 6.7], Corrosive, Combustible) Group Standard 2017 |
| HSR002675                          | Surface Coatings and Colourants (Toxic [6.1]) Group Standard 2017                               |
| HSR002676                          | Surface Coatings and Colourants (Toxic [6.1], Combustible) Group Standard 2017                  |
| HSR002677                          | Surface Coatings and Colourants (Toxic [6.1], Corrosive) Group Standard 2017                    |
| HSR002678                          | Surface Coatings and Colourants (Toxic [6.1], Corrosive, Combustible) Group Standard 2017       |
| HSR002679                          | Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2017                               |
| HSR002680                          | Surface Coatings and Colourants (Combustible, Toxic [6.7]) Group Standard 2017                  |
| <b>Tattoo and Permanent Makeup</b> |   |
| HSR100580                          | Tattoo and Permanent Makeup Substances Group Standard 2017                                      |
| <b>Veterinary Medicines</b>        |   |
| HSR100757                          | Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2017                     |
| HSR100758                          | Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2017             |
| HSR100759                          | Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2017               |
| <b>Water Treatment Chemicals</b>   |   |
| HSR002681                          | Water Treatment Chemicals (Corrosive) Group Standard 2017                                       |
| HSR002682                          | Water Treatment Chemicals (Flammable [3.1C]) Group Standard 2017                                |

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| Approval No | Name of Group Standard   |
|-------------|--|
| HSR002683   | Water Treatment Chemicals (Oxidising [5.1.1]) Group Standard 2017      |
| HSR002684   | Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2017      |
| HSR002685   | Water Treatment Chemicals (Toxic [6.1]) Group Standard 2017            |
| HSR002686   | Water Treatment Chemicals (Toxic [6.1], Corrosive) Group Standard 2017 |
| HSR002687   | Water Treatment Chemicals (Toxic [6.7]) Group Standard 2017            |



## Appendix 2: Issued group standards and their approval numbers

| Approval number   | Name of group standard   |
|---|--|
| <b>Active Ingredients Used in the Manufacture of Agricultural Compounds</b> |  |
| HSR100756   | Active Ingredients for Use in the Manufacture of Agricultural Compounds Group Standard 2020                            |
| <b>Additives, Process Chemicals and Raw Materials</b>                       |  |
| HSR002490   | Additives, Process Chemicals and Raw Materials (Combustible) Group Standard 2020                                       |
| HSR002491   | Additives, Process Chemicals and Raw Materials (Corrosive) Group Standard 2020   |
| HSR002492   | Additives, Process Chemicals and Raw Materials (Combustible, Corrosive) Group Standard 2020                            |
| HSR002493   | Additives, Process Chemicals and Raw Materials (Corrosive, Carcinogenic) Group Standard 2020                           |
| HSR002494   | Additives, Process Chemicals and Raw Materials (Combustible, Corrosive, Carcinogenic) Group Standard 2020              |
| HSR002495   | Additives, Process Chemicals and Raw Materials (Flammable) Group Standard 2020   |
| HSR002496   | Additives, Process Chemicals and Raw Materials (Flammable, Corrosive) Group Standard 2020                              |
| HSR002497   | Additives, Process Chemicals and Raw Materials (Flammable, Corrosive, Carcinogenic) Group Standard 2020                |
| HSR002498   | Additives, Process Chemicals and Raw Materials (Flammable, Acutely Toxic, Carcinogenic) Group Standard 2020            |
| HSR002499   | Additives, Process Chemicals and Raw Materials (Flammable, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020 |
| HSR002500   | Additives, Process Chemicals and Raw Materials (Flammable, Acutely Toxic) Group Standard 2020                          |
| HSR002501   | Additives, Process Chemicals and Raw Materials (Flammable, Acutely Toxic, Corrosive) Group Standard 2020               |
| HSR002502   | Additives, Process Chemicals and Raw Materials (Flammable, Carcinogenic) Group Standard 2020                           |
| HSR002503   | Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020                                 |
| HSR002504   | Additives, Process Chemicals and Raw Materials (Acutely Toxic, Carcinogenic) Group Standard 2020                       |

| Approval number                                     | Name of group standard   |
|---|--|
| HSR002505   | Additives, Process Chemicals and Raw Materials (Combustible, Acutely Toxic, Carcinogenic) Group Standard 2020            |
| HSR002506   | Additives, Process Chemicals and Raw Materials (Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020              |
| HSR002507   | Additives, Process Chemicals and Raw Materials (Combustible, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020 |
| HSR002508   | Additives, Process Chemicals and Raw Materials (Acutely Toxic) Group Standard 2020                                       |
| HSR002509   | Additives, Process Chemicals and Raw Materials (Combustible, Acutely Toxic) Group Standard 2020                          |
| HSR002510   | Additives, Process Chemicals and Raw Materials (Acutely Toxic, Corrosive) Group Standard 2020                            |
| HSR002511   | Additives, Process Chemicals and Raw Materials (Combustible, Acutely Toxic, Corrosive) Group Standard 2020               |
| HSR002512   | Additives, Process Chemicals and Raw Materials (Carcinogenic) Group Standard 2020  |
| HSR002513   | Additives, Process Chemicals and Raw Materials (Combustible, Carcinogenic) Group Standard 2020                           |
| <b>Aerosols</b>                                     |  |
| HSR002514   | Aerosols (Non-flammable, Corrosive) Group Standard 2020  |
| HSR002515   | Aerosols (Flammable) Group Standard 2020   |
| HSR002516   | Aerosols (Flammable, Corrosive) Group Standard 2020  |
| HSR002517   | Aerosols (Flammable, Carcinogenic) Group Standard 2020   |
| HSR002519   | Aerosols (Subsidiary Hazard) Group Standard 2020   |
| HSR002520   | Aerosols (Non-flammable, Carcinogenic) Group Standard 2020   |
| <b>Agricultural Compounds Special Circumstances</b> |  |
| HSR100592   | Agricultural Compounds Special Circumstances Group Standard 2020   |
| <b>Animal Nutritional and Animal Care Products</b>  |  |
| HSR002521   | Animal Nutritional and Animal Care Products Group Standard 2020  |
| <b>Class 4 Substances</b>                           |  |
| HSR002522   | Class 4 Substances Group Standard 2020   |
| HSR002523   | Class 4 Substances (Acutely Toxic) Group Standard 2020   |

| Approval number              | Name of group standard  |
|------------------------------|---|
| HSR002524                    | Class 4 Substances (Carcinogenic) Group Standard 2020                           |
| <b>Cleaning Products</b>     |   |
| HSR002525                    | Cleaning Products (Combustible) Group Standard 2020                             |
| HSR002526                    | Cleaning Products (Corrosive) Group Standard 2020                               |
| HSR002527                    | Cleaning Products (Combustible, Corrosive) Group Standard 2020                  |
| HSR002528                    | Cleaning Products (Flammable) Group Standard 2020                               |
| HSR002529                    | Cleaning Products (Flammable, Corrosive) Group Standard 2020                    |
| HSR002530                    | Cleaning Products (Subsidiary Hazard) Group Standard 2020                       |
| HSR002531                    | Cleaning Products (Carcinogenic) Group Standard 2020                            |
| HSR002590                    | Cleaning Products (Oxidising Liquids and Solids) Group Standard 2020            |
| HSR002591                    | Cleaning Products (Oxidising Liquids and Solids, Corrosive) Group Standard 2020 |
| <b>Construction Products</b> |   |
| HSR002542                    | Construction Products (Corrosive) Group Standard 2020                           |
| HSR002543                    | Construction Products (Corrosive, Carcinogenic) Group Standard 2020             |
| HSR002544                    | Construction Products (Subsidiary Hazard) Group Standard 2020                   |
| HSR002545                    | Construction Products (Carcinogenic) Group Standard 2020                        |
| <b>Corrosion Inhibitors</b>  |   |
| HSR002546                    | Corrosion Inhibitors (Combustible) Group Standard 2020                          |
| HSR002547                    | Corrosion Inhibitors (Corrosive) Group Standard 2020                            |
| HSR002548                    | Corrosion Inhibitors (Flammable) Group Standard 2020                            |
| HSR002549                    | Corrosion Inhibitors (Subsidiary Hazard) Group Standard 2020                    |
| HSR002550                    | Corrosion Inhibitors (Acutely Toxic) Group Standard 2020                        |
| HSR002551                    | Corrosion Inhibitors (Carcinogenic) Group Standard 2020                         |
| <b>Cosmetic Products</b>     |   |
| HSR002552                    | Cosmetic Products Group Standard 2020   |

| Approval number                      | Name of group standard   |
|--------------------------------------|--|
| <b>Denatured Ethanol</b>             |  |
| HSR002553                            | Denatured Ethanol Group Standard 2020  |
| <b>Dental Products</b>               |  |
| HSR002554                            | Dental Products (Combustible) Group Standard 2020                              |
| HSR002555                            | Dental Products (Corrosive) Group Standard 2020                                |
| HSR002556                            | Dental Products (Flammable) Group Standard 2020                                |
| HSR002557                            | Dental Products (Oxidising Liquids and Solids) Group Standard 2020             |
| HSR002558                            | Dental Products (Subsidiary Hazard) Group Standard 2020                        |
| HSR002559                            | Dental Products (Acutely Toxic, Corrosive) Group Standard 2020                 |
| HSR002560                            | Dental Products (Carcinogenic) Group Standard 2020                             |
| <b>Embalming Products</b>            |  |
| HSR002561                            | Embalming Products (Combustible) Group Standard 2020                           |
| HSR002562                            | Embalming Products (Corrosive) Group Standard 2020                             |
| HSR002563                            | Embalming Products (Flammable) Group Standard 2020                             |
| HSR002564                            | Embalming Products (Flammable, Acutely Toxic, Corrosive) Group Standard 2020   |
| HSR002565                            | Embalming Products (Subsidiary Hazard) Group Standard 2020                     |
| HSR002566                            | Embalming Products (Acutely Toxic, Corrosive) Group Standard 2020              |
| HSR002567                            | Embalming Products (Combustible, Acutely Toxic, Corrosive) Group Standard 2020 |
| HSR002568                            | Embalming Products (Carcinogenic) Group Standard 2020                          |
| <b>Fertilisers</b>                   |  |
| HSR002569                            | Fertilisers (Corrosive) Group Standard 2020                                    |
| HSR002570                            | Fertilisers (Oxidising) Group Standard 2020                                    |
| HSR002571                            | Fertilisers (Subsidiary Hazard) Group Standard 2020                            |
| HSR002572                            | Fertilisers (Acutely Toxic) Group Standard 2020                                |
| <b>Food Additives and Fragrances</b> |  |
| HSR002574                            | Food Additives and Fragrance Materials (Combustible) Group Standard 2020       |

| Approval number                      | Name of group standard  |
|--------------------------------------|---|
| HSR002575                            | Food Additives and Fragrance Materials (Corrosive) Group Standard 2020                        |
| HSR002576                            | Food Additives and Fragrance Materials (Flammable) Group Standard 2020                        |
| HSR002577                            | Food Additives and Fragrance Materials (Flammable, Acutely Toxic) Group Standard 2020         |
| HSR002578                            | Food Additives and Fragrance Materials (Subsidiary Hazard) Group Standard 2020                |
| HSR002579                            | Food Additives and Fragrance Materials (Acutely Toxic) Group Standard 2020                    |
| HSR002580                            | Food Additives and Fragrance Materials (Combustible, Acutely Toxic) Group Standard 2020       |
| <b>Fuel Additives</b>                |   |
| HSR002581                            | Fuel Additives (Combustible) Group Standard 2020  |
| HSR002582                            | Fuel Additives (Corrosive) Group Standard 2020  |
| HSR002583                            | Fuel Additives (Flammable) Group Standard 2020  |
| HSR002584                            | Fuel Additives (Flammable, Carcinogenic) Group Standard 2020                                  |
| HSR002585                            | Fuel Additives (Subsidiary Hazard) Group Standard 2020  |
| HSR002586                            | Fuel Additives (Carcinogenic) Group Standard 2020   |
| HSR002587                            | Fuel Additives (Combustible, Carcinogenic) Group Standard 2020                                |
| <b>Gases under Pressure Mixtures</b> |   |
| HSR002532                            | Gases Under Pressure Mixtures (Flammable) Group Standard 2020                                 |
| HSR002534                            | Gases Under Pressure Mixtures (Oxidising Gases) Group Standard 2020                           |
| HSR002535                            | Gases Under Pressure Mixtures (Subsidiary Hazard) Group Standard 2020                         |
| HSR002536                            | Gases Under Pressure Mixtures (Acutely Toxic) Group Standard 2020                             |
| HSR002537                            | Gases Under Pressure Mixtures (Acutely Toxic, Corrosive) Group Standard 2020                  |
| HSR002538                            | Gases Under Pressure Mixtures (Flammable, Acutely Toxic) Group Standard 2020                  |
| HSR002539                            | Gases Under Pressure Mixtures (Flammable, Acutely Toxic, Corrosive) Group Standard 2020       |
| HSR002540                            | Gases Under Pressure Mixtures (Oxidising Gases, Acutely Toxic) Group Standard 2020            |
| HSR002541                            | Gases Under Pressure Mixtures (Oxidising Gases, Acutely Toxic, Corrosive) Group Standard 2020 |

| Approval number                                       | Name of group standard   |
|---|--|
| <b>Graphic Materials</b>                              |  |
| HSR008053   | Graphic Materials Group Standard 2020  |
| <b>Industrial and Institutional Cleaning Products</b> |  |
| HSR002588   | Industrial and Institutional Cleaning Products (Corrosive, Carcinogenic) Group Standard 2020     |
| HSR002589   | Industrial and Institutional Cleaning Products (Flammable, Carcinogenic) Group Standard 2020     |
| HSR002592   | Industrial and Institutional Cleaning Products (Acutely Toxic, Carcinogenic) Group Standard 2020 |
| HSR002593   | Industrial and Institutional Cleaning Products (Acutely Toxic) Group Standard 2020               |
| HSR002594   | Industrial and Institutional Cleaning Products (Combustible, Acutely Toxic) Group Standard 2020  |
| HSR002595   | Industrial and Institutional Cleaning Products (Acutely Toxic, Corrosive) Group Standard 2020    |
| HSR002651   | Industrial and Institutional Cleaning Products (Combustible, Carcinogenic) Group Standard 2020   |
| <b>Laboratory Chemicals and Reagent Kits</b>          |  |
| HSR002596   | Laboratory Chemicals and Reagent Kits Group Standard 2020  |
| HSR002692   | Laboratory Chemicals and Reagent Kits (Class 4) Group Standard 2020                              |
| HSR002693   | Laboratory Chemicals and Reagent Kits (Oxidising Liquids and Solids) Group Standard 2020         |
| <b>Leather and Textile Products</b>                   |  |
| HSR002597   | Leather and Textile Products (Combustible) Group Standard 2020                                   |
| HSR002598   | Leather and Textile Products (Corrosive) Group Standard 2020                                     |
| HSR002599   | Leather and Textile Products (Flammable) Group Standard 2020                                     |
| HSR002600   | Leather and Textile Products (Subsidiary Hazard) Group Standard 2020                             |
| HSR002601   | Leather and Textile Products (Carcinogenic) Group Standard 2020                                  |
| <b>Lubricants</b>                                     |  |
| HSR002602   | Lubricants (Combustible) Group Standard 2020   |
| HSR002603   | Lubricants (Flammable) Group Standard 2020   |

| Approval number                | Name of group standard   |
|--------------------------------|--|
| HSR002604                      | Lubricants (Flammable, Carcinogenic) Group Standard 2020   |
| HSR002605                      | Lubricants (Low Hazard) Group Standard 2020  |
| HSR002606                      | Lubricants, Lubricant Additives, Coolants and Anti-freeze Agents (Subsidiary Hazard) Group Standard 2020 |
| HSR002607                      | Lubricants (Carcinogenic) Group Standard 2020  |
| HSR002608                      | Lubricants (Combustible, Carcinogenic) Group Standard 2020   |
| <b>Metal Industry Products</b> |  |
| HSR002609                      | Metal Industry Products (Corrosive) Group Standard 2020  |
| HSR002610                      | Metal Industry Products (Corrosive, Carcinogenic) Group Standard 2020                                    |
| HSR002611                      | Metal Industry Products (Flammable) Group Standard 2020  |
| HSR002612                      | Metal Industry Products (Subsidiary Hazard) Group Standard 2020  |
| HSR002613                      | Metal Industry Products (Acutely Toxic, Carcinogenic) Group Standard 2020                                |
| HSR002614                      | Metal Industry Products (Acutely Toxic) Group Standard 2020  |
| HSR002615                      | Metal Industry Products (Acutely Toxic, Corrosive) Group Standard 2020                                   |
| HSR002616                      | Metal Industry Products (Carcinogenic) Group Standard 2020   |
| <b>N.O.S.</b>                  |  |
| HSR002617                      | N.O.S. (Combustible) Group Standard 2020   |
| HSR002618                      | N.O.S. (Corrosive) Group Standard 2020   |
| HSR002619                      | N.O.S. (Combustible, Corrosive) Group Standard 2020  |
| HSR002620                      | N.O.S. (Flammable, Corrosive) Group Standard 2020  |
| HSR002621                      | N.O.S. (Flammable) Group Standard 2020   |
| HSR002622                      | N.O.S. (Flammable, Acutely Toxic, Carcinogenic) Group Standard 2020                                      |
| HSR002623                      | N.O.S. (Flammable, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020                           |
| HSR002624                      | N.O.S. (Subsidiary Hazard) Group Standard 2020   |
| HSR002625                      | N.O.S. (Acutely Toxic, Carcinogenic) Group Standard 2020   |
| HSR002626                      | N.O.S. (Combustible, Acutely Toxic, Carcinogenic) Group Standard 2020                                    |

| Approval number                          | Name of group standard  |
|--|---|
| HSR002627                                | N.O.S. (Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020                       |
| HSR002628                                | N.O.S. (Combustible, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020          |
| <b>Organic Peroxides</b>                 |   |
| HSR002629                                | Organic Peroxides Group Standard 2020   |
| HSR002630                                | Organic Peroxides (Corrosive) Group Standard 2020   |
| HSR100055                                | Organic Peroxides (Acutely Toxic, Corrosive) Group Standard 2020                          |
| <b>Oxidising Liquids and Solids</b>      |   |
| HSR002631                                | Oxidising Liquids and Solids Group Standard 2020  |
| HSR002632                                | Oxidising Liquids and Solids (Corrosive) Group Standard 2020                              |
| HSR002633                                | Oxidising Liquids and Solids (Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020 |
| HSR002634                                | Oxidising Liquids and Solids (Acutely Toxic) Group Standard 2020                          |
| <b>Pharmaceutical Active Ingredients</b> |   |
| HSR100425                                | Pharmaceutical Active Ingredients Group Standard 2020                                     |
| <b>Pheromone Containing Products</b>     |   |
| HSR100628                                | Straight-chained Lepidopteran Sex Pheromone Group Standard 2020                           |
| <b>Photographic Chemicals</b>            |   |
| HSR002635                                | Photographic Chemicals (Combustible) Group Standard 2020                                  |
| HSR002636                                | Photographic Chemicals (Corrosive) Group Standard 2020                                    |
| HSR002637                                | Photographic Chemicals (Flammable) Group Standard 2020                                    |
| HSR002638                                | Photographic Chemicals (Subsidiary Hazard) Group Standard 2020                            |
| HSR002639                                | Photographic Chemicals (Carcinogenic) Group Standard 2020                                 |
| <b>Polymers</b>                          |   |
| HSR002640                                | Polymers (Combustible) Group Standard 2020  |
| HSR002641                                | Polymers (Flammable) Group Standard 2020  |
| HSR002642                                | Polymers (Flammable, Corrosive) Group Standard 2020                                       |
| HSR002643                                | Polymers (Flammable, Carcinogenic) Group Standard 2020                                    |



| Approval number                        | Name of group standard   |
|--|--|
| HSR002644                              | Polymers (Subsidiary Hazard) Group Standard 2020   |
| HSR002645                              | Polymers (Acutely Toxic) Group Standard 2020   |
| HSR002646                              | Polymers (Carcinogenic) Group Standard 2020  |
| <b>Reagent Kits</b>                    |  |
| HSR002647                              | Reagent Kits Group Standard 2020   |
| <b>Refining Catalysts</b>              |  |
| HSR002648                              | Refining Catalysts Group Standard 2020   |
| <b>Solvents</b>                        |  |
| HSR002649                              | Solvents (Combustible) Group Standard 2020   |
| HSR002650                              | Solvents (Flammable) Group Standard 2020   |
| HSR002652                              | Solvents (Flammable, Carcinogenic) Group Standard 2020                                       |
| HSR002653                              | Solvents (Subsidiary Hazard) Group Standard 2020   |
| HSR002654                              | Solvents (Acutely Toxic) Group Standard 2020   |
| HSR002655                              | Solvents (Carcinogenic) Group Standard 2020  |
| HSR002656                              | Solvents (Combustible, Carcinogenic) Group Standard 2020                                     |
| <b>Surface Coatings and Colourants</b> |  |
| HSR002657                              | Surface Coatings and Colourants (Combustible) Group Standard 2020                            |
| HSR002658                              | Surface Coatings and Colourants (Corrosive) Group Standard 2020                              |
| HSR002659                              | Surface Coatings and Colourants (Combustible, Corrosive) Group Standard 2020                 |
| HSR002660                              | Surface Coatings and Colourants (Corrosive, Carcinogenic) Group Standard 2020                |
| HSR002661                              | Surface Coatings and Colourants (Combustible, Corrosive, Carcinogenic) Group Standard 2020   |
| HSR002662                              | Surface Coatings and Colourants (Flammable) Group Standard 2020                              |
| HSR002663                              | Surface Coatings and Colourants (Flammable, Corrosive) Group Standard 2020                   |
| HSR002664                              | Surface Coatings and Colourants (Flammable, Corrosive, Carcinogenic) Group Standard 2020     |
| HSR002665                              | Surface Coatings and Colourants (Flammable, Acutely Toxic, Carcinogenic) Group Standard 2020 |

| Approval number                    | Name of group standard  |
|------------------------------------|---|
| HSR002666                          | Surface Coatings and Colourants (Flammable, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020   |
| HSR002667                          | Surface Coatings and Colourants (Flammable, Acutely Toxic) Group Standard 2020                            |
| HSR002668                          | Surface Coatings and Colourants (Flammable, Acutely Toxic, Corrosive) Group Standard 2020                 |
| HSR002669                          | Surface Coatings and Colourants (Flammable, Carcinogenic) Group Standard 2020                             |
| HSR002670                          | Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020                                   |
| HSR002671                          | Surface Coatings and Colourants (Acutely Toxic, Carcinogenic) Group Standard 2020                         |
| HSR002672                          | Surface Coatings and Colourants (Combustible, Acutely Toxic, Carcinogenic) Group Standard 2020            |
| HSR002673                          | Surface Coatings and Colourants (Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020              |
| HSR002674                          | Surface Coatings and Colourants (Combustible, Acutely Toxic, Corrosive, Carcinogenic) Group Standard 2020 |
| HSR002675                          | Surface Coatings and Colourants (Acutely Toxic) Group Standard 2020                                       |
| HSR002676                          | Surface Coatings and Colourants (Combustible, Acutely Toxic) Group Standard 2020                          |
| HSR002677                          | Surface Coatings and Colourants (Acutely Toxic, Corrosive) Group Standard 2020                            |
| HSR002678                          | Surface Coatings and Colourants (Combustible, Acutely Toxic, Corrosive) Group Standard 2020               |
| HSR002679                          | Surface Coatings and Colourants (Carcinogenic) Group Standard 2020  |
| HSR002680                          | Surface Coatings and Colourants (Combustible, Carcinogenic) Group Standard 2020                           |
| <b>Tattoo and Permanent Makeup</b> |   |
| HSR100580                          | Tattoo and Permanent Makeup Substances Group Standard 2020  |
| <b>Veterinary Medicines</b>        |   |
| HSR100757                          | Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard 2020                               |
| HSR100758                          | Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2020                       |
| HSR100759                          | Veterinary Medicines (Non-dispersive Open System Application) Group Standard 2020                         |
| <b>Water Treatment Chemicals</b>   |   |
| HSR002681                          | Water Treatment Chemicals (Corrosive) Group Standard 2020   |

Decision on application to issue 207 group standards and revoke 209 group standards (APP204119)

| Approval number | Name of group standard   |
|-----------------|--|
| HSR002682       | Water Treatment Chemicals (Flammable) Group Standard 2020                    |
| HSR002683       | Water Treatment Chemicals (Oxidising Liquids and Solids) Group Standard 2020 |
| HSR002684       | Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2020            |
| HSR002685       | Water Treatment Chemicals (Acutely Toxic) Group Standard 2020                |
| HSR002686       | Water Treatment Chemicals (Acutely Toxic, Corrosive) Group Standard 2020     |
| HSR002687       | Water Treatment Chemicals (Carcinogenic) Group Standard 2020                 |