

GUIDANCE MANUAL

FOR RESPONDING TO:

***Notice with respect to
perfluorohexane sulfonic
acid, its salts and its
precursors (PFHxS)***

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1. GENERAL INFORMATION

1.1 INTRODUCTION

This document provides guidance for responding to the *Notice with respect to perfluorohexane, its salts and its precursors (PFHxS)*, published in the *Canada Gazette*, Part I, on October 10, 2020, pursuant to paragraph 71(1)(b) of the *Canadian Environmental Protection Act, 1999* (CEPA). This data gathering initiative applies to the 33 substances listed in Schedule 1 of the notice and in [Appendix 1](#) of this guide. The deadline for responding to the notice is November 20, 2020.

The notice requests information on PFHxS for the purposes of assessing whether to control, or the manner in which to control the risks posed by these substances. PFHxS, which are present in the Canadian environment, have been assessed internationally as persistent organic pollutants under the Stockholm Convention on Persistent Organic Pollutants.

The purpose of the notice is to collect information on quantities and use patterns, including mixtures, products and manufactured items containing these substances, in order to identify the state of PFHxS in Canadian commerce. The information will ensure that future decision-making is based on the best available information, and that the appropriate technical and economic factors are considered in Canada's negotiating position on the listing of PFHxS to the Stockholm Convention.

Please note that this document is available for guidance only and, in the case of a discrepancy between this document, the *Canada Gazette* notice or the CEPA, the official version of the notice and CEPA take precedence.

1.2 INFORMATION TO WHICH YOU MAY REASONABLY BE EXPECTED TO HAVE ACCESS

If you are subject to the notice, you are required to provide information that your company possesses or to which you may be reasonably expected to have access. For example, it is reasonable to expect that manufacturers have access to their formulations. When a mixture containing a substance is imported, it is reasonable to expect that the importer has access to import records and the relevant Safety Data Sheets (SDS) that contain information on the

composition of the imported good.

Your supply chain may be able to provide more detailed information on the composition of the mixtures, products or manufactured items that you import. Working with your supply chain to obtain the requested information will help ensure that the Government of Canada considers all activities related to the substances before taking any further risk management action.

Suppliers who wish to protect their formulations can submit the information directly to the Government of Canada as a [blind submission](#).

TIP: YOU ARE NOT REQUIRED TO CONDUCT TESTS TO COMPLY WITH THE NOTICE.

1.3 REPORTING DEADLINE

Any person who is required to respond to the notice must do so no later than November 20, 2020. Please note that submitting your response is a **two-step process** that includes downloading and completing a PFHxS Excel Reporting Form, available online through the [information gathering initiatives](#) web page, and submitting the form via [Environment Climate Change Canada's online reporting system](#). We strongly recommend that you print a copy of all documents, as the online tool will be decommissioned once the initiative is completed.

1.4 ONLINE REPORTING SYSTEM

Environment and Climate Change Canada's [Single Window](#) is an online data reporting system. Persons subject to the notice shall use the system to provide a response through the "Chemicals Management Plan" link on the Single Window Information Manager page. Foreign suppliers and authorized third parties shall also use the system to provide information.

Refer to the [How to report using the Single Window Information Manager: guidance](#) for details on how to create and manage an account in SWIM. Specific instructions on how to respond to the notice through SWIM are provided in the next sections.

1.4.1 How do I respond to the notice?

1.4.1.1 Download the Excel Reporting Form

To prepare your response, download the PFHxS Excel Reporting Form from the [information gathering initiatives](#) web page and fill out the requested information making sure that the Overall Form Completion status in the [Form Status](#) tab is "Complete". Detailed instructions for completing the form are included in the [Instructions](#) tab. Your completed Excel Reporting Form should then be saved using the following file naming format "**COMPANY NAME_PFHxS_s.71**" before starting the submission process.

1.4.1.2 Submit through Single Window

Once your SWIM profile and company are set-up and the Excel Reporting Form is complete, navigate to the home page of SWIM and click on the "Chemicals Management Plan" link. On the Chemicals Management Plan's "Reporting Dashboard" page, select the "Chemicals Management – General" initiative and click on the "Search" button. The search result at the bottom of the page will display the online form to use for uploading and submitting your Excel Reporting Form. Click on the pencil icon under "Actions" on the right side of the form listed [here](#) to start the submission process.

NOTE: You can save the online form at any stage in the process and return later to complete and submit. Additionally, it is possible to amend a form once submitted.

- (1) Fill in the "Identification" page and click "Save".
- (2) On the "Substances to Report" page, which is accessed through the "Reporting Details" menu on the left side of the page, choose "Response to a Mandatory Data Request" as the "Submission Purpose". Fill in the "Submission Title" as "**PFHxS – Section 71**", and then click "Save". NOTE: Do not add substances. Substances need only be selected in the Excel Reporting Form.
- (3) On the "General Document Upload" page, click "Add Document" and upload your completed Excel Reporting Form. Then click "Add". NOTE: Prior to uploading, please ensure that your completed Excel Reporting Form is saved using the file name format: "**COMPANY NAME_PFHxS_s.71**".
 - a. If you indicated any information in the Excel Reporting Form as confidential business information (CBI), click the lock symbol beside the "File Name".

- b. If you did not indicate any information as CBI, do not click the lock symbol beside the "File Name".
- (4) If applicable, you can select the appropriate justification(s) listed on the "Confidentiality Justification" section on this page to provide rationale regarding the nature of the confidentiality request.
- (5) Click "Save" at the bottom of the "General Document Upload" page. NOTE: All pages must be saved (even if they are left blank) in order for the green check mark to appear under each of the "Report Details" on the left menu.
- (6) Return to the CMP "Reporting Dashboard" by clicking on the "Chemicals Management – General" link in the breadcrumbs at the top of the page and select "Submit" under "Actions".

Please note that a completed online form must have a "Submitted" status on the CMP "Reporting Dashboard" in order for the data to be transmitted correctly. You will also receive a "Confirmation of submission" email to acknowledge receipt. We strongly recommend that you retain a copy of all documents that you submit.

2. PERSONS REQUIRED TO PROVIDE INFORMATION (SECTIONS 2 AND 4 OF THE NOTICE)

2.1 OVERVIEW

The *Notice with respect to perfluorohexane, its salts and its precursors (PFHxS)* applies to any person who, during the 2019 calendar year, satisfied any of the following criteria:

- **manufactured** a total quantity greater than 1 000 g of any substance ;
- **imported** a total quantity greater than 10 g of any substance , whether the substance was alone, or at a concentration equal to or above 1 ppm in a mixture, in a product or in a manufactured item;
- **used** a total quantity greater than 10 g of any substance , whether the substance was alone, or at a concentration equal to or above 1 ppm in a mixture or in a product, **in the manufacture** of a mixture, a product or a manufactured item; and
- **exported** a total quantity greater than 10 g of any substance , whether the substance was alone, or at a concentration equal to or above 1 ppm in a mixture, in a product or in a manufactured item.

It is important to note that if your company owns more than one facility, you must consider the reporting criteria on a company-wide basis. Your response to each applicable question in the notice must amalgamate the information from all facilities owned by the company.

TIP: YOU MUST CONSIDER EACH ACTIVITY (MANUFACTURE, IMPORT, USE IN THE MANUFACTURE AND EXPORT) AND EACH SUBSTANCE SEPARATELY.

The sections that follow provide additional details on the reporting criteria that you must consider when determining whether you are required to respond to the notice, including:

- [exclusions](#);
- [calendar year](#);
- [reportable activities](#);
- [mixtures, products, and manufactured items](#); and
- [quantity and concentration thresholds](#).

Your answers to the questions in [Figure 1](#) of [Section 2.7](#) will provide an indication of whether you are required to report under the notice. Section 2.7 also provides information on calculating the total quantity of a substance in a mixture, product or manufactured item and includes examples of companies that meet or do not meet the reporting criteria of the notice.

2.2 EXCLUSIONS

The notice does not apply to a substance described in Schedule 1, whether alone, in a mixture, in a product or in a manufactured item that:

- is imported or exported for use in a laboratory for analysis, in scientific research or as a laboratory standard;
- is, or is contained in, a hazardous waste or hazardous recyclable material within the meaning of the *Export and Import of Hazardous Waste and Hazardous Recyclable Material Regulations* and was exported or imported pursuant to a permit issued under these Regulations; and
- is, or is contained in, a pest control product registered under the *Pest Control Products Act*.

2.3 CALENDAR YEAR

The notice applies to the 2019 calendar year. If you do not meet the reporting criteria for 2019, you are not legally obligated to respond to the notice. However, if you manufactured, imported, used in the manufacture or exported PFHxS and were below the reporting thresholds, or you carried out activities with PFHxS during a different calendar year, the information may be of interest to the Government of Canada. You are encouraged to respond on a voluntary basis by submitting a Declaration of Stakeholder Interest (SHI).

Please note that persons who do not meet the requirements of the notice and have no interest in the substances may submit a voluntary Declaration of Non-Engagement (DNE).

Please refer to [Section 8](#) for more information including how to submit SHIs and DNEs.

2.4 REPORTABLE ACTIVITIES

Four activities are subject to the notice, which include manufacture, import, use in the manufacture and export.

2.4.1 Manufacture

“Manufacture” relates to the creation or production of the substance itself and includes both the intentional, and the incidental production of the substance. Manufacture does not refer to the manufacture of a mixture, product or manufactured item containing the substance.

Incidental production of a substance may occur if, during the process of blending or formulating, a chemical reaction occurs that results in the production of a substance that is reportable under the notice.

It is important to note that for the purpose of this notice, you should NOT consider the production of a mixture, product or manufactured item containing a reportable substance as “manufacture”. In this case, you must consider the activity as “use in the manufacture”, which may be reportable under the use in the manufacture activity. Please refer to [Section 2.4.3](#).

2.4.2 Import

“Import” relates specifically to the movement of a substance listed in the notice into Canada from another country, whether you imported the substance alone, in a mixture, in a product or

in a manufactured item.

Examples of activities that meet the definition of “import”:

- ☒ *your Canadian company purchased one of the substances listed in the notice from a foreign supplier, and the substance was shipped directly from the foreign supplier to your location in Canada;*
- ☒ *your Canadian company ordered a mixture containing one of the substances from a foreign supplier, and the mixture was shipped directly from the foreign supplier to your distribution warehouse in Canada; and*
- ☒ *your Canadian company received a product containing one of the substances as an internal company transfer from a foreign source.*

Examples of activities that do not meet the definition of “import”:

- ☒ *your Canadian company ordered a product containing one of the substances from a warehouse located in Canada;*
- ☒ *your Canadian company transferred a mixture containing one of the substances across provincial borders to be stored in a different warehouse; and*
- ☒ *your Canadian company purchased or received one of the substances alone, or in a mixture or product, that was already located in Canada.*

2.4.2.1 Foreign suppliers and Importers of record

The sender or foreign supplier (i.e., exporting to Canada) is not required to respond to the notice. Rather, the receiver (who imports to Canada) is subject to the notice if the requirements are met. “Importer of Record” is a term used for the purpose of the Canadian Border Services Agency, and may or may not be the same company that is required to report to a notice. An importer is the person responsible for the movement of any of the substances listed in the notice into Canada from another country. For the purposes of the notice, the person responsible for responding is the company who “caused” any of the substances (whether alone, or in a mixture, product or manufactured item) to come into Canada. In other words, the substance entered Canada at their request. If you do not wish to share confidential business information (CBI) with your Canadian customers who are required to respond to the notice, please refer to [Section 6](#) for information on the blind submission process. This process allows foreign suppliers and Canadian customers to collaborate to provide all the information required in the notice while still protecting CBI.

2.4.3 Use in the manufacture

"Use in the manufacture", relates to using a reportable substance, whether alone or in a mixture or product, to manufacture (i.e., to create or produce) another mixture, product or a manufactured item.

2.4.4 Export

Export relates to the movement of a reportable substance beyond the borders of Canada, or any mixture, product or manufactured item that contains a reportable substance.

Your activities do not meet the definition of "export" if:

- ☒ *you sold or shipped a reportable substance, or a mixture, product or manufactured item containing a reportable substance, within Canada only; and*
- ☒ *you sold or shipped a reportable substance, or a mixture, product or manufactured item containing a reportable substance that was already located outside of Canada at the time of the sale or shipment.*

2.5 MIXTURES, PRODUCTS AND MANUFACTURED ITEMS

A "**mixture**" is a combination of substances that does not produce a substance that is different from the substances that were combined, including a prepared formulation, hydrate, and reaction mixture that are characterized in terms of their constituents.

A "**manufactured item**" is an item that is formed into a specific physical shape or design during manufacture and has, for its final use, a function or functions dependent in whole or in part on its shape or design.

A "**product**" is anything that does not meet the definition of a mixture or manufactured item.

TIP: YOU DO NOT HAVE TO DIFFERENTIATE BETWEEN MIXTURE AND PRODUCT SINCE THE REPORTING CRITERIA ARE THE SAME FOR BOTH.

The following non-exhaustive list provides examples of mixtures, products and manufactured items that may contain a substance listed in Schedule 1 of the notice:

- material, component or part;
- aqueous film-forming foam used in firefighting;

- agrichemicals;
- industrial feedstock, fluids and surfactants;
- plated metal;
- vehicle, aircraft or watercraft;
- non-stick ware;
- paper or cardboard-containing packaging and items;
- paint, sealant, coating or polishing agent;
- cleaning or washing agent;
- carpet or rug, vinyl, laminate or stone flooring;
- electronic device, semiconductors and related equipment;
- photosensitive plate, film or material;
- fabric, clothing and apparel, footwear, bedding, furniture or furnishing; and
- foam, leather, textile, fibre, yarn or fabric.

2.6 QUANTITY AND CONCENTRATION THRESHOLDS

Any person who manufactured, imported, used in the manufacture or exported a substance according to the thresholds provided in Table 1, must respond to the notice.

Table 1: Quantity and concentration thresholds for responding to the notice

Reportable Activity	Calendar Year	Alone	Mixture	Product	Manufactured item	Quantity threshold for substance	Concentration threshold for substance in a mixture, product or manufactured item
Manufacture	2019	<input checked="" type="checkbox"/>				> 1 000 g	–
Import	2019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	> 10 g	≥ 1 ppm
Use in the manufacture	2019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		> 10 g	≥ 1 ppm
Export	2019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	> 10 g	≥ 1 ppm

When responding to the notice, you must report the quantities of the reportable substance itself, in grams (g), and not the quantity of the mixture, product or manufactured item containing the substance. Refer to [Section 2.7](#) for additional information on calculating

quantities of a reportable substance.

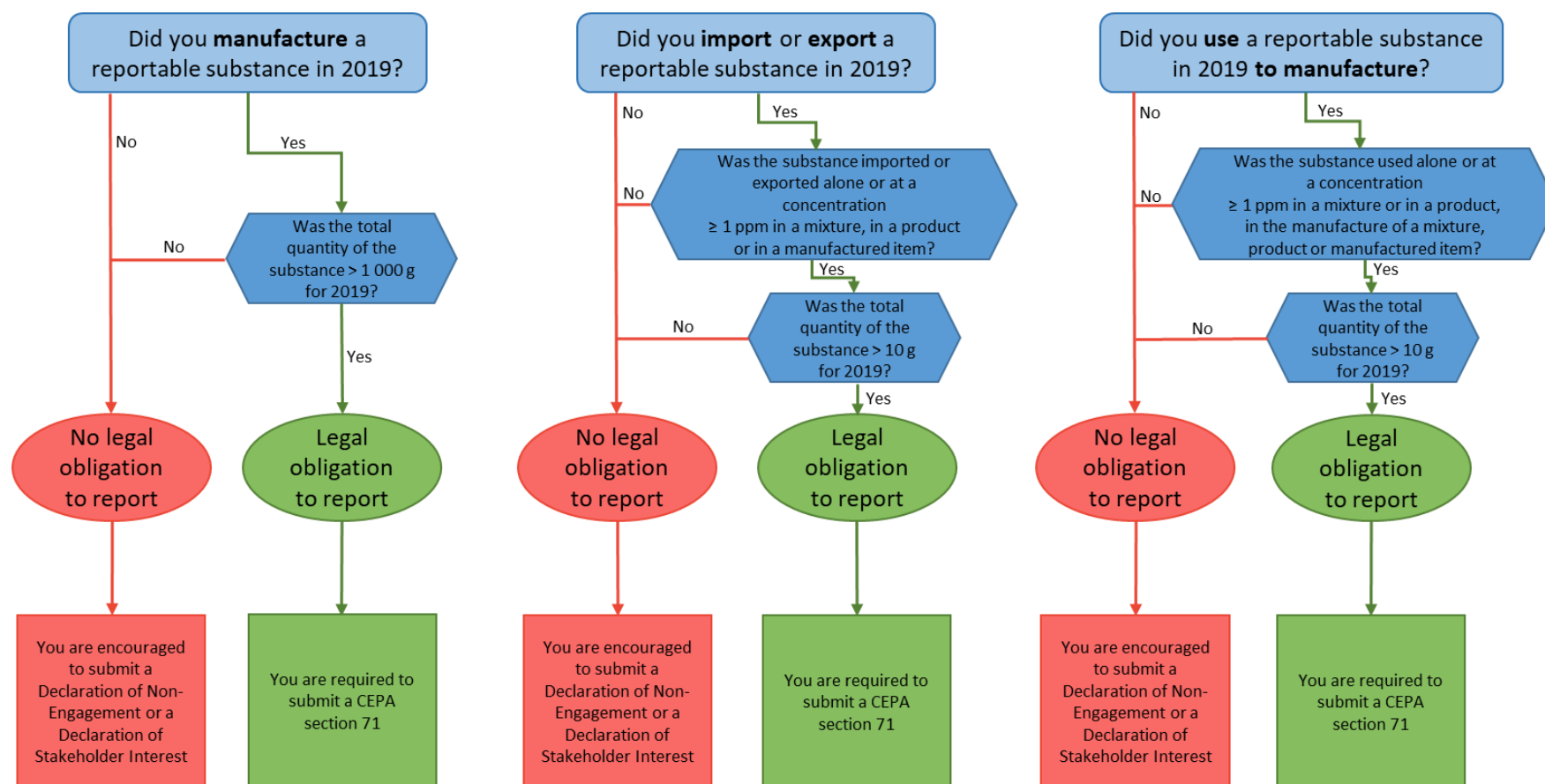
TIP: REMEMBER THAT THE QUANTITY THRESHOLD APPLIES TO EACH ACTIVITY AND EACH SUBSTANCE, ON A COMPANY-WIDE BASIS.

If you imported or exported a substance in a mixture, product or manufactured item in 2019, you will need to determine whether you meet the applicable concentration threshold. Similarly, if you used a mixture or product containing a reportable substance in the manufacture of another mixture or product, or a manufactured item, you will also need to determine whether you meet the applicable concentration threshold. Please note that you only need to consider mixtures, products or manufactured items containing a substance at a concentration greater than or equal to 1 ppm in your response.

2.7 HOW DO I DETERMINE IF I NEED TO RESPOND?

Your answers to the questions in [Figure 1](#) of this section can provide an indication of whether you are required to report under the notice. This section also provides examples for determining whether your company meets the reporting criteria of the notice, including a general formula ([Equation 1\(a\)](#)), conversion factors ([Equation 1\(b\)](#)) and a sample calculation for evaluating the total quantity of a substance in a mixture, product or manufactured item.

Figure 1: Persons required to provide information



Equation 1(a): General formula for determining the total quantity of a substance in a mixture, product or manufactured item

$$\text{Total Quantity}_{(\text{Substance A})} = \text{Total Quantity}_{(\text{MPM})} \times \% \text{ Concentration}_{(\text{Substance A})}$$

Where,

Total Quantity = total quantity in units of grams (g);

Substance A = a substance listed in Schedule 1 of the notice;

MPM = a mixture, product or manufactured item containing substance A; and

% Concentration = percent concentration of a substance by weight $\left(\frac{w}{w}\%\right)$
in a mixture, product or manufactured item.

Equation 1(b): Conversion factors for concentration

$$1\% = 10\,000 \text{ ppm} \quad \text{and} \quad 1 \text{ ppm} = 0.0001\%$$

For example:

- In 2019, your company imported 500 g of Product X, which contained 0.0002% of reportable Substance Y. The concentration of Substance Y, in ppm, is determined as follows:

$$0.0002\% = 10\,000 \text{ ppm} \times 0.0002 = 2 \text{ ppm}$$

Therefore, Substance Y meets the concentration threshold for an imported product; however, Substance Y must also meet the total quantity threshold, which is determined as follows:

$$\text{Total Quantity}_{(\text{Substance Y})} = 500 \text{ g}_{(\text{Product X})} \times \frac{0.0002}{100} \text{ (Substance Y)}$$

$$\text{Total Quantity}_{(\text{Substance Y})} = 0.001 \text{ g}$$

Since the total quantity of the imported substance is less than 10 g, you do not meet the reporting criteria for the substance (i.e., the quantity threshold (> 10 g) is not met).

The following examples provide additional guidance for determining whether you meet the reporting criteria of the notice.

Your company meets the reporting criteria if:

- ☒ in 2019, the company **manufactured** 4 kg (or 4 000 g) of a substance described in
-

Schedule 1 of the notice. In this case, you meet the calendar year, reportable activity and quantity threshold (> 1 000 g) of the reporting criteria.

- ☑ in 2019, the company **exported** 10 000 kg of a mixture that contained 0.0001% of a substance described in Schedule 1 of the notice (equal to 10 g of the substance), and 500 kg of a product containing 0.0002% of the same substance (equal to 1 g of the substance). Therefore, the total quantity of the substance exported was 11 g. As a result, the company meets the calendar year, reportable activity, concentration threshold (≥ 1 ppm) and quantity threshold (>10 g) for responding to the notice.
- ☑ in 2019, your company **imported** 7 000 kg of Mixture X which contained 2 ppm of a substance described in Schedule 1 of the notice (equal to 14 g of the substance) and 500 000 kg of Mixture Y that contained 0.5 ppm of the same substance. As Mixture Y does not meet the concentration threshold of 1 ppm, you are not required to consider Mixture Y in your calculations. However, since the company meets the substance quantity threshold (>10 g), concentration threshold, calendar year and reportable activity for the first mixture, you are only required to report on Mixture X (equal to 14 g of the substance).
- ☑ in 2019, your company imported 30 000 kg of an aqueous film-forming foam (AFFF) that incidentally contained a substance described in Schedule 1 of the notice. The incidental concentration of that substance was 0.0003%. As a result, the total quantity of the reportable substance imported was 90 g. Therefore, the company meets the calendar year, reportable activity, concentration threshold (≥ 1 ppm) and quantity threshold (>10 g) for responding to the notice.
- ☑ in 2019, the company **imported** 17 500 kg of a product, that contained 5 ppm of a substance described in Schedule 1 of the notice. Therefore, the total quantity of the reportable substance imported was 87.5 g. All of the product was then **used** by the company **in the manufacture** of non-stick cookware. In this case, the company meets the calendar year, concentration (≥ 1 ppm) and quantity (> 10 g) thresholds of the reporting criteria for the import activity. The company also meets the reporting criteria for the **use in the manufacture** activity; therefore, you are required to respond to the notice for both activities.

Your company does not meet the reporting criteria if:

- ☒ the company **manufactured** 50 kg of a substance described in Schedule 1 of the notice during the 2014 calendar year only. In this case, the company does not meet the calendar year criterion for reporting.
 - ➔ You are encouraged to provide information on the substance on a voluntary basis, by submitting a [Declaration of Stakeholder Interest](#).
- ☒ in 2019, your company **imported** 100 000 kg of a manufactured item that contained 0.00005% of a substance described in Schedule 1 of the notice. Therefore, the total quantity of the substance imported was 50 g. Although the company meets the substance quantity threshold (> 10 g), it does not meet the concentration threshold (≥ 1 ppm).

- You are encouraged to provide information on the substance on a voluntary basis, by submitting a [Declaration of Stakeholder Interest](#).
- ☒ in 2019, your company **used** 500 kg of a mixture that contained 3 ppm of a substance described in Schedule 1 of the notice **in the manufacture** of a product. Although you meet the substance concentration threshold (≥ 1 ppm), you do not meet the quantity threshold (> 10 g) as only 1.5 g of the substance was used.
- You are encouraged to provide the information on the substance on a voluntary basis, by submitting a [Declaration of Stakeholder Interest](#).
- ☒ your records indicate that you do not have an interest in any of the substances listed in Schedule 1 of the notice.
- You are encouraged to submit a [Declaration of Non Engagement](#).

3. REPORTABLE CODES

When providing your response to the notice, you must consider two sets of codes for reporting, Substance Function Codes and Application Codes.

3.1 SUBSTANCE FUNCTION CODES

Substance Function Codes, beginning with the letter U, describe the function of a substance. These codes refer to the function of the substance itself with respect to the intended physical or chemical characteristic for which a chemical substance is:

- consumed as a reactant;
- incorporated into a formulation, mixture, product, or manufactured item; or
- used.

For example:

- if the function of the substance is to impart stain- or soil-resistance to textiles, you should select the code "U010 – Finishing agents";
- if the function of the substance is to suppress mist in metal plating, you should select the code "U031 – Surface active agents";
- if the presence of a reportable substance in a mixture, product or manufactured item is unintended or incidental, then, you must select the Substance Function Code "U064 – Contaminants".

You should select the code from the list that best describes the function of the substance.

Additionally, there may be multiple codes associated with the substance that you

manufacture, import or use in the manufacture. You are required to select all the codes that apply.

[Appendix 2](#) and the [Substance & Code Lists](#) tab in the PFHxS Excel Reporting Form present the complete list of Substance Function Codes and their descriptions.

TIP: YOU SHOULD ONLY USE CODE U999 WHEN THERE IS NO OTHER CODE THAT DESCRIBES THE FUNCTION OF THE SUBSTANCE. WHEN SELECTING THIS CODE, YOU MUST PROVIDE A CONCISE WRITTEN DESCRIPTION OF THE SUBSTANCE'S FUNCTION.

3.2. APPLICATION CODES

Application Codes, formerly known as the Consumer and Commercial Codes, beginning with the letter C, identify the application of a mixture, product or manufactured item containing a substance, with regards to its purpose in a consumer or commercial setting. These codes also apply to the use of a substance, or a mixture, product or manufactured item containing a substance, for an industrial application.

For example, if the substance is contained in:

- carpeting, then, you should select Application Code "C101– Floor coverings"; and
- clothing, then, you must select Application Code "C104 – Fabric, textile and leather articles not otherwise covered in this table".

If the substance, mixture, product or manufactured item has more than one application, you should report the applicable codes that best describe each application.

[Appendix 3](#) and the [Substance & Code Lists](#) tab in the PFHxS Excel Reporting Form present the complete list of Application Codes and their descriptions.

Note that certain Application Codes that capture multiple types of applications have been subdivided. For example, code C202 "Paints and Coatings" has been divided into C202.01 "Paints and Coatings" and C202.02 "Paint thinners and removers" since exposure to the substance in these applications differs.

TIP: YOU SHOULD ONLY USE CODE C999 WHEN THERE IS NO OTHER CODE THAT DESCRIBES THE APPLICATION OF THE SUBSTANCE. WHEN SELECTING THIS CODE, YOU MUST PROVIDE A CONCISE WRITTEN DESCRIPTION OF THE SUBSTANCE'S APPLICATION.

For example:

- In 2019, your company incidentally manufactured a reportable substance (e.g., Substance A) during the manufacture of a non-reportable substance (e.g., Substance B). The manufacturing process inherently produced Substance B containing a certain concentration of Substance A. Since Substance A was not the intended result, you should select the Application Code "C999 – Other (specify)" and provide a description (e.g., "Reportable Substance A was incidentally produced during the manufacture of Substance B.").

3.2.1 Additional information related to Application Codes

When selecting an Application Code, you must consider two additional factors. The notice explains that the intent of the Application Codes is to describe the "*known or anticipated final goods containing the substance*". "*Known or anticipated final goods*" refers to the goods containing the substance that are for sale. "*Final goods*" can be the substance alone, or a mixture, product or manufactured item containing the substance.

When responding to the notice, please use the most complete and accurate information available to you on the final goods containing the substance, even though you may not be involved with the manufacture or sale of the final goods.

Examples:

- Company A imports a mixture containing a reportable substance as a finishing agent, which is then sold to a company who manufactures flooring and floor sealers. If Company A knows or can anticipate that the mixture is being used in the manufacture of a floor sealer, Company A should provide code "C201 – Adhesives and sealants" to reflect the application of the substance.
- Company B imports a pure substance, sells it as is, and does not have any knowledge of what its customers do with the substance. In this case, "C999 - Other" should be used with a written description that the known or anticipated final goods is the substance itself.

In addition to providing the Application Codes, you must provide a description and the common or generic name of the known or anticipated final goods containing the substance.

For example:

- In 2019, your company imported outdoor apparel containing a substance listed in Schedule 1 of the notice. In this case, you should select the Application Code "C104 – Fabric, textile and leather articles not otherwise covered in this table" and you must provide a description of the final goods (e.g., "Waterproof outdoor apparel.").

4. INFORMATION REQUIRED TO REPORT (SECTIONS 5 TO 10 OF THE NOTICE)

If you determine that you meet the reporting criteria of the notice, you must respond by completing the sections applicable to each reportable activity. The PFHxS Excel Reporting Form will ask you to indicate your involvement with any of the substances listed in the notice (i.e., whether you manufactured, imported, used in the manufacture or exported a substance in 2019). Based on your responses, the Excel Reporting Form will guide you to complete the sections of the notice that apply to you.

Please note that if your company owns more than one facility, you must consider the reporting criteria on a company-wide basis. Your response to each question should be an amalgamation of the information from all facilities owned by the company.

4.1 SECTIONS 5 AND 6 – ADDITIONAL FACILITIES

Section 5 of the notice requires that a company that owns more than one facility to respond to the applicable questions in the notice on a company-wide basis.

In section 6 of the notice, you are required to indicate:

- ➔ whether your response is an amalgamation of information for more than one facility by indicating "yes" or "no";
- ➔ if you reply "yes", you must provide the name and physical address of each facility included in the response.

4.2 SECTION 7 – COMPANY AND CONTACT IDENTIFICATION

Section 6 applies to all persons who are subject to the notice. In this section, you are required to provide the following information:

- ➔ the company name;

- the address;
- the Federal Business Number¹;
- the name of an individual authorized to act on behalf of the company, their email and phone number; and
- a declaration that the information is accurate and complete.

4.3 SECTION 8 – MANUFACTURE AND IMPORT

Section 8 of the notice applies to anyone who **manufactured** a reportable substance during the 2019 calendar year and met the reporting quantity threshold described in subsection 2(a) of the notice (or in [Table 1](#)). Section 8 also applies to a person who **imported** a reportable substance (whether alone, or in a mixture, product or manufactured item) during the 2019 calendar year and met the quantity and concentration thresholds described in subsection 2(b) of the notice (or in [Table 1](#)).

For each reportable substance that you manufactured or imported, you must provide:

- the CAS RN² of the substance;
- whether you manufactured or imported the substance by indicating “yes” or “no”;
- the total quantity of the substance that you manufactured or imported in grams (g). [Section 2.7](#) of this document provides examples for determining the total quantity of a substance in a mixture, product or manufactured item;
- all applicable Substance Function Codes that describe the function of the substance. The [Substance & Code Lists](#) tab in the Excel Reporting Form and [Appendix 2](#) of this document provide the list of Substance Function Codes. Refer to [Section 3.1](#) for information on how to select an appropriate Substance Function Code;
 - if code U999 is selected, you must provide a written description of the function associated with the substance;
- all applicable Application Codes that describe the known or anticipated final goods containing the substance. The [Substance & Code Lists](#) tab of the Excel Reporting Form and [Appendix 3](#) of this document provide the list of Application Codes. Refer to [Section 3.2](#) for information on how to select an appropriate

¹ Federal business number is a nine-digit registration number issued by the Canada Revenue Agency.

² The Chemical Abstracts Service Registry Number (CAS RN) is the property of the American Chemical Society, and any use or redistribution, except as required in supporting regulatory requirements and/or for reports to the Government of Canada when the information and the reports are required by law or administrative policy, is not permitted without the prior, written permission of the American Chemical Society.

Application Code;

- if code C999 is selected, you must provide a written description of the application associated with the substance; and
- ➔ for each Application Code selected, the description and common or generic name of the goods.

TIP: THE EXCEL REPORTING FORM ALLOWS YOU TO EASILY SEARCH THE LIST OF CODES TO HELP YOU PICK THE MOST APPROPRIATE ONE.

4.4 SECTION 9 – USE IN THE MANUFACTURE

Section 9 of the notice applies to anyone who **used** a reportable substance (whether alone, or in a mixture or product), **in the manufacture** of another mixture or product or a manufactured item, during the 2019 calendar year. The reportable substance must also meet the quantity and concentration thresholds described in subsection 2(c) of the notice (or [Table 1](#)).

For each reportable substance that you used in the manufacture of a mixture, product or manufactured item, you are required to provide:

- ➔ the CAS RN of the substance;
- ➔ whether you used the substance in the manufacture of a mixture, product or manufactured item by indicating “yes” or “no”;
- ➔ the total quantity of the substance that was used in the manufacture of a mixture, product or manufactured item, in grams (g). [Section 2.7](#) of this document provides examples for determining the total quantity of a substance in a mixture or product;
- ➔ all applicable Substance Function Codes that describe the function of the substance. The [Substance & Code Lists](#) tab of the Excel Reporting Form and [Appendix 2](#) of this document provide the list of Substance Function Codes. Refer to [Section 3.1](#) for information on how to select an appropriate Substance Function Code;
 - if code U999 is selected, you must provide a written description of the function associated with the substance;
- ➔ all applicable Application Codes that describe the known or anticipated final goods containing a reportable substance. The [Substance & Code Lists](#) tab of the Excel Reporting Form and [Appendix 3](#) of this document provide the list of Application Codes. Refer to [Section 3.2](#) for information on how to select an appropriate Application Code;
 - if code C999 is selected, you must provide a written description of the

application associated with the substance; and

- ➔ for each Application Code selected, the description and common or generic name of the goods.

TIP: THE EXCEL REPORTING FORM ALLOWS YOU TO EASILY SEARCH THE LIST OF CODES TO HELP YOU PICK THE MOST APPROPRIATE ONE.

4.5 SECTION 10 – EXPORT

Section 10 of the notice applies to anyone who **exported** a reportable substance (whether it was alone, or in a mixture, product or manufactured item) during the 2019 calendar year. The reportable substance must also meet the quantity and concentration thresholds described in subsection 2(d) of the notice (or in [Table 1](#)).

For each reportable substance that you exported, you must provide:

- ➔ the CAS RN for the substance;
- ➔ whether you exported the substance by indicating “yes” or “no”; and
- ➔ the total quantity of the substance that you exported in grams (g). [Section 2.7](#) provides examples for determining the total quantity of a substance in a mixture, product or manufactured item.

5. REQUEST FOR CONFIDENTIALITY

Pursuant to section 313 of CEPA, any person who provides information in response to the notice may submit a written request that it be treated as confidential.

If you provide information in response to the notice and request that the information be treated as confidential, please provide rationale regarding the nature of the confidentiality, such as whether:

- it is a trade secret of the submitter;
- it is information of a financial, commercial, scientific or technical nature that is treated consistently in a confidential manner by the submitter;
- its disclosure could reasonably be expected to result in material financial loss or gain to, or could reasonably be expected to prejudice the competitive position of; the submitter; or,

- its disclosure could reasonably be expected to interfere with contractual or other negotiations of the submitter.

IMPORTANT: YOU SHOULD ONLY MAKE A CONFIDENTIALITY REQUEST FOR INFORMATION THAT IS CONSIDERED CONFIDENTIAL UNDER CANADIAN LAW

For more information on the treatment of Confidential Business Information, [please contact us](#).

6. BLIND SUBMISSION

To determine whether you meet the reporting criteria of the notice, or to fill out your response, you may have to request information from a supplier of imported mixtures, products or manufactured items. The supplier may be reluctant to provide it to you if it is Confidential Business Information. In such a case, either the foreign supplier can report on your behalf or, you or your supplier can agree to both participate in a joint response, where each party submits part of the information, allowing you to meet your reporting obligation while protecting the supplier's trade secrets.

Blind submissions can also be initiated by a supplier who knows/suspects that a customer should report, based on quantities purchased. In any case, you should provide a cover letter or note with each part of the blind submission indicating that the supplier's submission completes the customer's submission. Both parties must agree to this approach. Environment and Climate Change Canada will make the necessary connection between the two submissions, while keeping all information confidential.

Example:

- *During 2019, you imported Product 123 into Canada from a foreign supplier. You follow up with your supplier to obtain information on the composition of Product 123 (CAS RN and concentration of one of the substances in the product). Your supplier confirms that Product 123 contains one of the substances described in Schedule 1 of the notice and that based on the total quantity of Product 123 you purchased in 2019, you would meet the reporting criteria outlined in section 2 of the notice. Your supplier is reluctant to share the composition of Product 123 since their formulation is confidential.*

➔ *You can submit a "Blind Submission" jointly with your supplier, in which:*

- *based on information in your possession, you respond to the notice providing as much information as you can (e.g., the quantity of Product 123 imported in 2019, Application Codes, and intended use). Along with your submission, you should provide a cover letter to clearly explain the situation and identify your foreign supplier; and*
- *your supplier provides the confidential information required to complete your submission (e.g., CAS RN and concentration of the substance in the product). Along with their submission, your supplier should provide a cover letter, which clearly indicates that their information is confidential and that it completes your submission.*

Please contact the Substances Management Information Line at 1-800-567-1999 (toll free in Canada), 819-938-3232 (outside of Canada) or ecccc.substances.ecccc@canada.ca for more information on how to submit a blind submission.

7. CHANGE OF OWNERSHIP (SECTION 3 OF THE NOTICE)

If a business is sold during the 2019 calendar year, a single response that amalgamates the information before and after the transfer may be submitted for the entire year.

For more information on responding to the notice when there has been a change in ownership, please contact the Substances Management Information Line at 1-800-567-1999 (toll free in Canada), 819-938-3232 (outside of Canada) or ecccc.substances.ecccc@canada.ca.

8. DECLARATIONS OF STAKEHOLDER INTEREST AND NON-ENGAGEMENT

Any person who is not subject to the notice but has an interest in a reportable substance, are encouraged to identify themselves as a "stakeholder" by submitting a voluntary Declaration of Stakeholder Interest (SHI). Interested stakeholders may be contacted for further information regarding their interest in a reportable substance.

Persons who do not meet the requirements of the notice and have no interest in the substances may submit a voluntary Declaration of Non-Engagement (DNE).

Please note that a downloadable Excel form is not available for submitting an SHI or DNE

under this notice. To submit an SHI or a DNE, you will also need to use “Chemicals Management – General initiative” in [Environment Climate Change Canada's Single Window Information Management \(SWIM\)](#). Please refer to [Section 1.4](#) for general information on SWIM and follow the instructions in section 8.1 for completing your submission.

8.1 HOW TO SUBMIT AN SHI OR DNE

Once your SWIM profile and company are set-up, navigate to the home page of SWIM and click on the “Chemicals Management Plan” link. On the Chemicals Management Plan's “Reporting Dashboard” page, select the “Chemicals Management – General” initiative and click on the “Search” button. The search result at the bottom of the page will display the online form to use for submitting an SHI or DNE. Click on the pencil icon under “Actions” on the right side to start the submission process.

NOTE: You can save your information at any stage in the process and return later to complete and submit. Additionally, it is possible to amend a form once submitted.

- (1) Fill in the “Identification” page and click “Save”.
- (2) On the “Substances to Report” page, which is accessed through the “Reporting Details” menu on the left side of the page, choose “Response to a Mandatory Data Request” as the “Submission Purpose”. Fill in the “Submission Title” as “**PFHxS – SHI**” to submit a Declaration of Stakeholder Interest, or “**PFHxS – DNE**” to submit a Declaration of Non-Engagement. Then click “Save”. NOTE: Do not add substances on this page.
- (3) On the “General Document Upload” page, scroll to the bottom of the page and click “Save”. No other actions or information are required on this page. Please note that if you are submitting an SHI, you can specify your activity or potential activity with the substance(s) (e.g., manufacture, import, use in the manufacture or export) under the “Notes” section. You can also upload documents to provide additional information. You will have the option to click the Lock symbol if your notes or uploaded document(s) are considered confidential business information (CBI) and to provide a justification in the “Confidentiality Justification” section. Remember to save the page.

NOTE: All pages in the submission must be saved (even if they are left blank) in order for the green check mark to appear under each of the “Report Details” on the left menu.

- (4) Return to the CMP "Reporting Dashboard" by clicking on the "Chemicals Management – General" link in the breadcrumbs at the top of the page and select "Submit" under "Actions".

Please note that you must have a "Submitted" status on the CMP "Reporting Dashboard" in order for the data to be transmitted correctly. You will also receive a "Confirmation of submission" email to acknowledge receipt. We strongly recommend that you retain a copy of all documents that you submit.

9. WHAT IF I NEED MORE TIME TO COMPLY WITH THE NOTICE?

Any person who requires additional time to comply with the notice must submit a request in writing. The request should include:

- the company name;
- contact information;
- CAS RN of the substance(s); and
- the reason for the request.

It is important to note that you must request an extension of time in writing before November 20, 2020. No extensions will be granted after this deadline. It is recommended that you submit an extension request at least five business days before the deadline.

You must submit a request for an extension of time to the Minister of the Environment, at the following email address: ecccc.substances.ecccc@canada.ca.

10. QUESTIONS?

You may contact the Substances Management Information Line at 1-800-567-1999 (toll free in Canada), 819-938-3232 (outside of Canada) or ecccc.substances.ecccc@canada.ca for any inquiries concerning the notice. If using email, please indicate "PFHxS Notice Inquiry" in the subject line.

APPENDIX 1: SUBSTANCES

CAS RN	Name of the Substance
355-46-4	Perfluorohexane-1-sulphonic acid
423-50-7	Perfluorohexanesulphonyl fluoride
1893-52-3	2-Propenoic acid, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt
34455-03-3	1-Hexanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-
38850-52-1	1-Propanaminium, 3-[(carboxymethyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N,N-trimethyl-, inner salt
38850-58-7	1-Propanaminium, N-(2-hydroxyethyl)-N,N-dimethyl-3-[(3-sulfoethyl)[(tridecafluorohexyl)sulfonyl]amino]-, hydroxide, inner salt
38850-60-1	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-
50598-28-2	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-
52166-82-2	1-Propanaminium, N,N,N-trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, chloride
55120-77-9	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)
56372-23-7	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-ω-hydroxy-
66008-72-8	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3-[methyl[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulfonyl]amino]-, hydroxide, inner salt
67584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt
67584-57-0	2-Propenoic acid, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
67584-61-6	2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
67906-70-1	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester
67939-92-8	1-Hexanesulfonamide, N,N'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-

CAS RN	Name of the Substance
68227-98-5	2-Propenoic acid, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]butyl ester
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt
68259-15-4	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl-
68298-09-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(phenylmethyl)-
68555-70-4	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-, sodium salt (1:1)
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-
68815-72-5	Benzoic acid, 2,3,4,5-tetrachloro-6-[[[3-[(tridecafluorohexyl)sulfonyl]oxy]phenyl]amino]carbonyl]-, monopotassium salt
68891-98-5	Chromium, diaquatetrachloro[μ-[N-ethyl-N-[(tridecafluorohexyl)sulfonyl]glycinato-O1:O1']]-μ-hydroxybis(2-propanol)di-
68957-32-4	Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]-
68957-58-4	1-Propanaminium, N,N,N-trimethyl-3-[[[(tridecafluorohexyl)sulfonyl]amino]-, iodide
68957-61-9	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, monohydrochloride
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
73772-32-4	1-Propanesulfonic acid, 3-[[3-(dimethylamino)propyl][(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-2-hydroxy-, sodium salt (1:1)
80621-17-6	Sodium, 3-[methyl[3-[[[(tridecafluorohexyl)sulphonyl]amino]propyl]amino]propanesulphonate
81190-38-7	1-Propanaminium, N-(2-hydroxyethyl)-3-[(2-hydroxy-3-sulfopropyl)[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]-N,N-dimethyl-, hydroxide, sodium salt (1:1:1)

APPENDIX 2: SUBSTANCE FUNCTION CODES

Substance Function Codes	Title	Description
U001	Abrasives	Substances used to wear down or polish surfaces by rubbing against the surface.
U002	Adhesives and sealant substances	Substances used to promote bonding between other substances, promote adhesion of surfaces, or prevent seepage of moisture or air.
U003	Adsorbents and absorbents	Substances used to retain other substances by accumulation on their surface or by assimilation.
U004	Agricultural substances (non-pesticidal)	Substances used to increase the productivity and quality of farm crops.
U005	Anti-adhesive agents	Substances used to prevent bonding between other substances by discouraging surface attachment.
U006	Bleaching agents	Substances used to lighten or whiten a substrate through chemical reaction, usually an oxidative process which degrades the colour system.
U007	Corrosion inhibitors and anti-scaling agents	Substances used to prevent or retard corrosion or the formation of scale.
U008	Dyes	Substances used to impart colour to other materials or mixtures by penetrating into the surface of the substrate.
U009	Fillers	Substances used to provide bulk, increase strength, increase hardness, or improve resistance to impact.
U010	Finishing agents	Substances used to impart such functions as softening, static-proofing, wrinkle resistance, and water repellence.
U011	Flame retardants	Substances used on the surface of or incorporated into combustible materials to reduce or eliminate their tendency to ignite when exposed to heat or a flame.
U012	Fuels and fuel additives	Substances used to create mechanical or thermal energy through chemical reactions, or which are added to a fuel for the purpose of controlling the rate of reaction or limiting the production of undesirable combustion products, or which provide other benefits such as corrosion inhibition, lubrication, or detergency.

Substance Function Codes	Title	Description
U013	Functional fluids (closed systems)	Liquid or gaseous substances used for one or more operational properties in a closed system. This code does not include fluids used as lubricants.
U014	Functional fluids (open systems)	Liquid or gaseous substances used for one or more operational properties in an open system.
U015	Intermediates	Substances consumed in a reaction to produce other substances for commercial advantage.
U016	Ion exchange agents	Substances that are used to selectively remove targeted ions from a solution. This code also includes aluminosilicate zeolites.
U017	Lubricants and lubricant additives	Substances used to reduce friction, heat, or wear between moving parts or adjacent solid surfaces, or that enhance the lubricity of other substances.
U018	Odour agents	Substances used to control odours, remove odours, mask odours, or impart odours.
U019	Oxidizing and reducing agents	Substances used to alter the valence state of another substance by donating or accepting electrons or by the addition or removal of hydrogen to a substance.
U020	Photosensitive substances	Substances used for their ability to alter their physical or chemical structure through absorption of light, resulting in the emission of light, dissociation, discoloration, or other chemical reaction.
U021	Pigments	Substances used to impart colour to other materials or mixtures by attaching themselves to the surface of the substrate through binding or adhesion.
U022	Plasticizers	Substances used in plastics, cement, concrete, wallboard, clay bodies, or other materials to increase their plasticity or fluidity.
U023	Plating agents and surface treating agents	Substances applied to metal, plastic, or other surfaces to alter physical or chemical properties of the surface.
U024	Process regulators	Substances used to change the rate of a reaction, start or stop the reaction, or otherwise influence the course of the reaction.

Substance Function Codes	Title	Description
U025	Processing aids, specific to petroleum production	Substances added to water, oil, or synthetic drilling muds or other petroleum production fluids to control foaming, corrosion, alkalinity and pH, microbiological growth or hydrate formation, or to improve the operation of processing equipment during the production of oil, gas, and other products or mixtures from beneath the earth's surface.
U026	Processing aids, not otherwise covered in this table	Substances used in applications other than the production of oil, gas, or geothermal energy to control foaming, corrosion or alkalinity and pH, or to improve the operation of processing equipment.
U027	Propellants and blowing agents	Substances used to dissolve or suspend other substances and either to expel those substances from a container in the form of an aerosol or to impart a cellular structure to plastics, rubber, or thermoset resins.
U028	Solids separation agents	Substances used to promote the separation of suspended solids from a liquid.
U029	Solvents (for cleaning or degreasing)	Substances used to dissolve oils, greases and similar materials from textiles, glassware, metal surfaces, and other articles.
U030	Solvents (which become part of formulation or mixture)	Substances used to dissolve another substance to form a uniformly dispersed solution at the molecular level.
U031	Surface active agents	Substances used to modify surface tension when dissolved in water or water solutions, or reduce interfacial tension between two liquids or between a liquid and a solid or between liquid and air.
U032	Viscosity adjustors	Substances used to alter the viscosity of another substance.
U033	Laboratory substances	Substances used in a laboratory for chemical analysis, chemical synthesis, extracting and purifying other chemicals, dissolving other substances, and similar activities.

Substance Function Codes	Title	Description
U034	Paint additives and coating additives not otherwise covered in this table	Substances used in a paint or coating formulation to enhance properties such as water repellence, increased gloss, improved fade resistance, ease of application or foam prevention.
U061	Pest control substances	Substances used as active ingredients in products, mixtures or manufactured items used for directly or indirectly controlling, destroying, attracting or repelling a pest or for mitigating or preventing its injurious, noxious or troublesome effects.
U062	Active ingredients in health products and drugs	Substances used as active ingredients in natural health products or prescription or non-prescription drugs.
U063	Flavourants	Substances used as non-medicinal ingredients or excipients in foods, natural health products, and drugs that impart a certain flavor to the food, natural health product or drug.
U064	Contaminants	Substances naturally present in a reactant or a substance that are produced as a result of the manufacturing process and have no beneficial properties in the final product, mixture or manufactured item.
U065	By-products	Substances resulting from the manufacturing process, which can be partially or completely removed from the intended product, mixture or manufactured item and have commercial value on their own or when added to another product, mixture or manufactured item.
U066	Wastes	Substances that are removed from the final product, mixture or manufactured item during the manufacturing process and have no commercial value.
U999	Other (specify)	Substances with a function not otherwise described in this table. A written description must be provided when using this code.

APPENDIX 3: APPLICATION CODES

Part 1: Substances used for furnishings, cleaning, treatment or care

Application Codes	Title	Description
C101	Floor coverings	Substances contained in floor coverings. This code does not include wood and pressed wood flooring products included in Building or construction materials – Wood and engineered wood code.
C102	Foam seating and bedding	Substances contained in foam mattresses, pillows, cushions, and any seating, furniture and furnishings containing foam.
C103	Furniture and furnishings not otherwise covered in this table	Substances contained in furniture and furnishings made from metal, wood, leather, plastic or other materials. This code does not include foam seating and bedding products.
C104	Fabric, textile and leather articles not otherwise covered in this table	Substances contained in fabric, textile and leather products to impart color and other desirable properties such as water, soil, stain repellence, wrinkle resistance, or flame resistance.
C105	Cleaning and furnishing care	Substances contained in products, mixtures or manufactured items that are used to remove dirt, grease, stains, and foreign matter from furniture and furnishings, or to cleanse, sanitize, bleach, scour, polish, protect, or improve the appearance of surfaces.
C106	Laundry and dishwashing	Substances contained in laundry and dishwashing products, mixtures or manufactured items.
C107	Water treatment	Substances contained in water treatment products, mixtures or manufactured items that are designed to disinfect, reduce contaminants or other undesirable constituents, and condition or improve aesthetics of water. Excludes any substance contained in pest control products as defined under the <i>Pest Control Products Act</i> .
C108	Personal care and cosmetics	Substances contained in personal care products, mixtures or manufactured items that are used for cleansing, grooming, improving or altering skin, hair, or teeth.

Application Codes	Title	Description
C109	Air care	Substances contained in products, mixtures or manufactured items that are used to odorize or deodorize indoor air in homes, offices, motor vehicles, and other enclosed spaces.
C110	Apparel and footwear care	Substances contained in apparel and footwear care products, mixtures or manufactured items that are applied post-market.
C160	Pet care	Substances contained in pet care products, mixtures or manufactured items that are used for cleansing, grooming, improving or altering skin, hair or teeth and intended for animal use.

Part 2: Substances used for construction, paint, electrical or metal

Application Codes	Title	Description
C201	Adhesives and sealants	Substances contained in adhesive or sealant products or mixtures used to fasten other materials together or prevent the passage of liquid or gas.
C202.01	Paints and coatings	Substances contained in paints or coatings.
C202.02	Paint thinners and removers	Substances contained in paint thinners and removers.
C203	Building or construction materials — Wood and engineered wood	Substances contained in building and construction materials made of wood and pressed or engineered wood products, mixtures or manufactured items. Excludes any substance contained in pest control products as defined under the <i>Pest Control Products Act</i> .
C204	Building or construction materials not otherwise covered in this table	Substances contained in building and construction materials not otherwise covered in this table.
C205	Electrical and electronics	Substances contained in electrical and electronic products, mixtures or manufactured items.

Application Codes	Title	Description
C206	Metal materials not otherwise covered in this table	Substances contained in metal products, mixtures or manufactured items not otherwise covered in this table.
C207	Batteries	Substances contained in non-rechargeable and rechargeable batteries including dry and wet cell units that store energy.

Part 3: Substances contained in packaging, paper, plastic or hobby

Application Codes	Title	Description
C301	Food packaging	Substances contained in single or multi-layered packaging consisting of paper, plastic, metal, foil or other materials, which have or may have direct contact with food.
C302	Paper products, mixtures or manufactured items	Substances contained in paper products, mixtures or manufactured items.
C303.01	Plastic materials not otherwise covered in this table	Substances contained in plastic products, mixtures or manufactured items not otherwise covered in this table.
C303.02	Rubber materials not otherwise covered in this table	Substances contained in rubber products, mixtures or manufactured items not otherwise covered in this table.
C304	Toys, playground and sporting equipment	Substances contained in toys, playground, and sporting equipment made of wood, metal, plastic or fabric.
C305	Arts, crafts and hobby materials	Substances contained in arts, crafts, and hobby materials.
C306	Ink, toner and colourants	Substances contained in ink, toners and colourants used for writing, printing, creating an image on paper; and substances contained in other substrates, or applied to substrates to change their colour or hide images.

Application Codes	Title	Description
C307	Photographic supplies, film and photo-chemicals	Substances contained in photographic supplies, film, photo-processing substances, and photographic paper.

Part 4: Substances used for automotive, fuel, agriculture or outdoor use

Application Codes	Title	Description
C401	Automotive care	Substances contained in products, mixtures or manufactured items used in automotive cleaning and care of exterior and interior vehicle surfaces. This code does not include antifreeze, de-icing products, or lubricants.
C402	Lubricants and greases	Substances contained in products, mixtures or manufactured items to reduce friction, heat generation and wear between solid surfaces.
C403	Anti-freeze and de-icing	Substances added to fluids to reduce the freezing point of the mixture, or substances applied to surfaces to melt or prevent build-up of ice.
C404	Fuels and related products, mixtures or manufactured items	Substances burned to produce heat, light or power, or added to inhibit corrosion, provide lubrication, increase efficiency of use, or decrease production of undesirable by-products.
C405	Explosive materials	Substances capable of producing a sudden expansion, usually accompanied by the production of heat and large changes in pressure upon ignition.
C406	Agricultural products, mixtures or manufactured items (non-pesticidal)	Substances used to increase the productivity and quality of plants, animals or forestry crops, produced on a commercial scale. Includes animal feed (any substance or mixture of substances for consumption by livestock, for providing the nutritional requirements of livestock, or for the purpose of preventing or correcting nutritional disorders of livestock, as defined in the <i>Feeds Act</i> and regulations).

Application Codes	Title	Description
C407	Lawn and garden care	Substances contained in lawn, garden, outdoor or potted plant and tree care products, mixtures or manufactured items. Excludes any substance contained in pest control products as defined under the <i>Pest Control Products Act</i> .
C461	Pest control	Substances contained in any product, mixture or manufactured item for directly or indirectly controlling, preventing, destroying, mitigating, attracting, or repelling any pest.
C462	Automotive, aircraft and transportation	Substances contained in automobiles, aircraft and other types of transportation, or used in their manufacture.
C463	Oil and natural gas extraction	Substances that are, or are contained in, any mixtures, products or manufactured items, used for oil and natural gas drilling, extraction and processing.

Part 5: Substances contained in items for food, health or tobacco

Application Codes	Title	Description
C562	Food and beverage	Substances contained in food and beverage products, mixtures or manufactured items.
C563	Drugs	Substances contained in prescription and non-prescription drugs intended for humans or animals.
C564	Natural health	Substances contained in natural health products, mixtures or manufactured items intended for humans or animals.
C565	Medical devices	Substances contained in products, mixtures or manufactured items used for either the diagnosis, treatment, mitigation or prevention of a disease, disorder, or an abnormal physical state; or those used in restoring, correcting or modifying organic functions in humans or animals.
C566	Tobacco products, mixtures or manufactured items	Substances contained in products, mixtures or manufactured items composed in whole or in part of tobacco, including tobacco leaves and any extract of tobacco leaves.

Part 6: Substances contained in products, mixtures or manufactured items not described by other codes

Application Codes	Title	Description
C999	Other (specify)	Substances contained in products, mixtures or manufactured items that are not described within any other application code. A written description must be provided when using this code.