

## **Report from Spain on the monitoring of the implementation of Regulation (EU) 2019/1021 on persistent organic pollutants (POPs Regulation)**

### **Sections of the Report**

Introduction and background

1. Control of manufacturing, placing on the market and use of POPs

1.1 Quantities manufactured and placed on the market

1.2. Quantities manufactured and placed on the market per specific use

2. Stockpiles notified in accordance with Article 5(2)

3. Releases to the environment of unintentionally produced POPs

4. Monitoring data on POPs available in IPCHEM

5. Article 7(4)(b)(iv) notifications on the derogation for waste treatment

6. Enforcement: controls, infringements and enforcement measures

7. Sites contaminated with POPs

8. National Implementation Plans

9. Provision of technical and financial assistance to third countries

10. Information exchange measures and awareness programmes

Appendix A. Stockpile notifications

Appendix B. Releases to the environment of unintentionally produced POPs - additional data

Appendix C. Article 7(4)(b)(iv) notifications

## Introduction and background

Persistent organic pollutants (POPs) are organic substances that persist in the environment, accumulate in living organisms and pose a risk to our health and the environment. They can be transported by air, water or migratory species across international borders, reaching regions where they have never been produced or used. International agreements for the risk management of POPs have been established as no region can manage the risks posed by these substances alone.

POPs are regulated worldwide by the UNECE Protocol on POPs ("the Protocol"), adopted in 1998 in Aarhus as part of the Convention on Long Range Transboundary Air Pollution (CLRTAP) and by the Stockholm Convention on POPs, adopted in 2001 and entered into force in 2004 ("the Convention").

The Protocol and the Convention are implemented in the European Union by the Regulation (EU) 2019/1021 on persistent organic pollutants (the POPs Regulation) which repealed the original Regulation (EC) No 850/2004 on POPs. The POPs Regulation aims to protect human health and the environment with specific control measures that:

- prohibit or severely restrict the production, placing on the market and use of POPs;
- minimise the environmental release of POPs that are formed as industrial by-products;
- make sure that stockpiles of restricted POPs are safely managed; and
- ensure the environmentally sound disposal of waste consisting of, or contaminated by POPs.

POPs are listed in three Annexes to the Regulation (Annex I – banned, Annex II – restricted, Annex III – unintentionally released POPs).

POP subject to waste management provisions set out in Article 7 are listed in Annex IV.

[List of substances subject to the POPs Regulation](#)

For more information for the Stockholm Convention and the UNECE Protocol on POPs, see the following links:

[Stockholm Convention on POPs](#)

[The 1998 Aarhus Protocol on Persistent Organic Pollutants \(POPs\)](#)

## Scope and period of time covered by the national reports

Article 13 of the POPs Regulation covers the reporting requirements for Member States and the European Chemicals Agency. The Member States are required to draw up and publish a report containing information specified in its Article 13(1) and give the Commission and ECHA access to the information contained in it. The information contained in this report has been compiled by ECHA on the basis of the information provided by the Member State to ECHA in accordance of Article 8(g) of the POPs Regulation. The report has been published by ECHA in its webpage with the agreement of the Member State Competent Authority on POPs.

The information contained in the national reports pertains the period from 2019 onwards. However, some Member States might have included information from previous years in their national reports for completeness. The national reports are updated annually, as far as new information becomes available to the Member States, or at least every three years.

Information from previous years is reported in accordance with the Article 12 of the Regulation (EC) No 850/2004 and is available in the following Synthesis Reports:

[The first synthesis report for the period 2004-2006](#) [Annex I](#) [Annex II](#)

[The second synthesis report for the period 2007-2009](#)

[Summary of the third synthesis report for the period 2010-2012](#) [Part I](#) [Part II](#)

## **Section 1. Control of manufacturing, placing on the market and use of POPs**

In accordance with Article 3 of the POPs Regulation, the manufacturing, placing on the market and use of substances listed in Annex I to the POPs Regulation is prohibited, while substances listed in Annex II are subject to restriction. Currently no substances are listed in Annex II.

Specific exemptions to the prohibition on manufacturing, placing on the market and use for certain substances are specified in the relevant entries of Annex I. In addition, as specified in Article 4(1), the manufacturing, placing on the market and use of substances listed in Annex I and II and use is permitted: (a) for use for laboratory-scale research or as a reference standard; (b) when the substance is present as an unintentional trace contaminant, as specified in the relevant entries of Annex I or II, in substances, mixtures or articles.

In accordance with Article 4(2), for a substance added to Annex I or II after 15 July 2019, Article 3 shall not apply for a six-month period if that substance is present in articles produced before or on the date that this Regulation becomes applicable to that substance. Article 3 shall not apply in the case of a substance being present in articles already in use before or on the date that this Regulation or Regulation (EC) No 850/2004 on persistent organic pollutants became applicable to that substance, whichever date came first.

**Table 1. List of substances included in Annex I to the POPs Regulation.**

<b>Substance/group of substances (<a href="#">Link to substance infocard page</a>)</b>	<b>Uses</b>	<b>Specific exemptions for the manufacturing, placing on the market and use</b>
<a href="#">Aldrin</a>	Pesticide	No
<a href="#">Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)</a>	Industrial chemical	No
<a href="#">Bis(pentabromophenyl) ether (decabromodiphenyl ether; decaBDE)</a>	Industrial chemical	Yes. See Annex I to the POPs Regulation
<a href="#">Chlordane</a>	Pesticide	No
<a href="#">Chlordecone</a>	Pesticide	No
<a href="#">DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)</a>	Pesticide	No
<a href="#">Dicofol</a>	Pesticide	No
<a href="#">Dieldrin</a>	Pesticide	No
<a href="#">Endosulfan and its isomers</a>	Pesticide	No
<a href="#">Endrin</a>	Pesticide	No
<a href="#">Heptabromodiphenyl ether</a>	Industrial chemical	Yes. See Annex I to the POPs Regulation
<a href="#">Heptachlor</a>	Pesticide	No
<a href="#">Hexabromo-1,1'-biphenyl</a>	Industrial chemical	No
<a href="#">Hexabromocyclododecane (HBCDD)</a>	Industrial chemical	No
<a href="#">Hexabromodiphenyl ether</a>	Industrial chemical	Yes. See Annex I to the POPs Regulation
<a href="#">Hexachlorobenzene</a>	Industrial chemical and pesticide	No

Substance/group of substances (Link to substance infocard page)	Uses	Specific exemptions for the manufacturing, placing on the market and use
Hexachlorobuta-1,3-diene	Industrial chemical and pesticide	No
Hexachlorocyclohexanes, including lindane	Pesticide	No
Mirex	Pesticide	No
Pentabromodiphenyl ether	Industrial chemical	Yes. See Annex I to the POPs Regulation
Pentachlorobenzene	Industrial chemical and pesticide	No
Pentachlorophenol and its salts and esters	Pesticide	No
Perfluorooctane sulfonic acid and its derivatives (PFOS) C <sub>8</sub> F <sub>17</sub> SO <sub>2</sub> X, (X = OH, Metal salt (O-M <sup>+</sup> ), halide, amide, and other derivatives including polymers)	Industrial chemical and pesticide	Yes. See Annex I to the POPs Regulation
Perfluorooctanoic acid (PFOA), its salts and PFOA-related substances	Industrial chemical	Yes. See Annex I to the POPs Regulation
Polychlorinated biphenyls (PCB)	Industrial chemical	No
Polychlorinated naphthalenes	Industrial chemical	No
Tetrabromodiphenyl ether	Industrial chemical	Yes. See Annex I to the POPs Regulation
Toxaphene	Industrial chemical	No

This text and table have been produced for documentary purposes and the European Chemicals Agency does not assume any liability for its content. Please note that the text has no legal value. For legal purposes please refer to the texts published in the Official Journal of the European Union.

## Section 1.1. Manufacturing and placing on the market of substances listed in Annex I and II of POPs Regulation

The table below contains information provided by Spain concerning the production, import and/or placing on the market of substances listed in Annex I or II to the POPs Regulation in Spain.

**Table 2. Data on the production, import and/or placing on the market in Spain of substances listed in Annex I or II to the POPs Regulation.**

Substance name or group of substances	Substance name (when part of a group)	EC number	CAS number	Year	Quantities (tonnes)		Placed on the market	Additional information
					Manuf-actured	Imported		
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds				2019			1-10	EXTINGUISHER C8 FOAM

## **Section 1.2 Quantities manufactured and placed on the market per specific use**

No further information on the uses of the substances manufactured and/or placed on the market in Spain. The provision of this information in the national report is considered as optional.

## **Section 2. Stockpiles notified in accordance with Article 5(2)**

In accordance with Article 5(2) of Regulation (EU) No 2019/1021, the holder of a stockpile greater than 50 kg, consisting of or containing any substance listed in Annex I or II, and the use of which is permitted shall provide the competent authority of the Member State in which the stockpile is established with information concerning the nature and size of that stockpile. Such information shall be provided within 12 months of the date that this Regulation or Regulation (EC) No 850/2004 became applicable to that substance, whichever date came first for the holder, and of relevant amendments to Annex I or II and annually thereafter until the deadline specified in Annex I or II for the restricted use.

The POPs Regulation defines 'Stockpile' as substances, mixtures or articles accumulated by the holder that consist of or contain any substance listed in Annex I or II.

In addition, Spain has provided information from their national PCB inventories, which is included in the table below. The Member States are required establish and maintain inventories of equipment with PCB volumes of more than 5 dm<sup>3</sup> in accordance to the Directive 96/59/EC on the disposal of PCB/PCT and to send summaries of those inventories to the Commission. More information on the stockpile notifications reported by Spain is available in the Appendix A.

**Table 3. Number of stockpile notifications.**

Substance/ Group of substances	Year of notification	Stockpile type	Number of Notified Stockpiles	Total quantity of the stockpiles(tonnes)*
Hexachlorobenzene	2021	substance	1	0.00001
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	2021	mixture	41	2914.5
Polychlorinated Biphenyls (PCB)	2020	article	1	20217.79

\* The total quantity of the stockpile for mixtures and articles is calculated as the sum of the total weight of the mixtures or articles consisting of or containing the substance. The total quantity of the POP substances cannot be calculated as the concentration of the substance in the articles or mixtures is not always reported.

### **Section 3. Releases to the environment of unintentionally produced POPs**

In line with the Protocol and the Convention, releases of POPs which are unintentional by-products of industrial and other anthropogenic thermal processes (e.g. residential combustion) should be identified and reduced as soon as possible, with the ultimate aim of eliminating the emissions, where feasible.

As set out in Article 6 of the POPs Regulation, the Member States draw up and maintain inventories for the substances listed in Annex III (see below) released into air, water and land, in accordance with their obligations under the Convention and the Protocol. Member States report on their action plans for reducing emissions of unintentionally formed POPs in their national implementation plans (see section 8).

#### **ANNEX III - List of substances subject to release reduction provisions**

Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)  
Polychlorinated biphenyls (PCB)  
Hexachlorobenzene (HCB) (CAS No 118-74-1)  
Polycyclic aromatic hydrocarbons (PAHs)  
Pentachlorobenzene (CAS No 608-93-5)  
Hexachlorobutadiene (CAS No 87-68-3)  
Polychlorinated naphthalenes (CAS No 70776-03-3 and others)

The reporting obligations for releases of unintentionally produced POPs is, in addition to the POPs Regulation, governed by other international, EU and national policy frameworks. Consequently, Member States and the industry sector report data on releases to various institutions, and the data is published in different databases and websites.

In the sections below, it is described which releases are reported where, and by whom and links are provided to the relevant data and reports.

The information on releases provided by the Member States to ECHA, and included in their national reports, does not include inventories which are reported in accordance with the Protocol and/or the European Pollutant Release and Transfer Register (E-PRTR) in publicly available databases (see below for more detail).

#### **Estimates on releases to air reported by Spain under the Protocol.**

The European Union and its Member States report estimates of PCDD/PCDF, PCB, HCB and PAHs released to air to the European Environmental Agency (EEA) and the European Monitoring and Evaluation Programme - Centre on Emission Inventories and Projection (EMEP-CEIP) in accordance with the obligations under the Protocol.

Emission time trends in Europe of HCB, PCB, PCDD/PCDF and PAHs to air can be found as interactive graphs and tables in the EEA webpage below:

<https://www.eea.europa.eu/data-and-maps/indicators/eea32-persistent-organic-pollutant-pop-emissions-1/assessment-10>

“Persistent organic pollutants emissions in Europe” is an EEA indicator. The EEA publishes information about emission reduction of POPs to air in the EU, as well as in individual Member States, which can be accessed here:

<http://www.eea.europa.eu/ims/persistent-organic-pollutant-emissions-in-europe>

Emission data for Spain displayed as a time trend for the substances below can also be found from the respective links to the EMEP-CEIP Data viewer.

[PCCD/PCDF](#)   [PAHs](#)   [PCB](#)   [HCB](#)

Additional reports, as well as information on the review process of emission inventories under LRTAP Convention can be found in the CEIP webpage (<https://www.ceip.at/>).



The annual emission data reported by the Member States and the EU under the Protocol (Inventory files NFR), as well as the informative inventory reports (IIRs) can be downloaded from the EMEP-CEIP webpage (see annual submissions at the top of the page to view the overview table). The IIRs provide detailed information about the reported data, including explanations of pollutant trends and key sources of emission. In addition to POPs, emission data on other air pollutants covered by the different Protocols to the CLRTAP, such as heavy metals, nitrogen oxides and sulphur oxides, are also reported

<https://www.ceip.at/status-of-reporting-and-review-results>

The database (mdb file) of annual emission data for the EU Member States can also be downloaded from the EEA webpage:

<https://www.eea.europa.eu/data-and-maps/data/national-emissions-reported-to-the-convention-on-long-range-transboundary-air-pollution-lrtap-convention-15>

The EMEP/EEA air pollutant emission inventory guidebook provides guidance on estimating emissions of POPs and other air pollutants from both anthropogenic and natural emission sources and is designed to facilitate reporting of comparable and consistent air pollutant emissions inventory data.

<https://www.eea.europa.eu/publications/emep-eea-guidebook-2019>

### **Estimates on releases to air reported by Spain under the Convention**

The Member States report data on unintentional releases to air water and land to the Convention. In order to assist the preparation of the inventories on releases, the Convention has developed The Toolkit for Identification and Quantification of Releases of Dioxins, Furans and Other Unintentional POPs. The data on emissions reported to the Convention can be accessed through the Convention Reporting Dashboard and the national report database.

[http://ers.pops.int/eRSodataReports2/ReportSC\\_DashBoard.html](http://ers.pops.int/eRSodataReports2/ReportSC_DashBoard.html)

<http://chm.pops.int/Countries/Reporting/NationalReports/tabid/3668/Default.aspx>

### **Additional information on emissions of POPs reported by industrial facilities under the E-PRTR**

The Regulation (EC) No 166/2006 on the establishment of a European Pollutant Release and Transfer Register (the E-PRTR Regulation) has established a publicly accessible electronic database containing key environmental data from industrial facilities in Europe. The European Industrial Emissions Portal provides easily accessible data on emissions reported under the E-PRTR. The portal replaced the E-PRTR website in June 2021.

<https://industry.eea.europa.eu/>

All Annex III POPs are covered by the E-PRTR, for a list of pollutants with their description, characteristics and reporting thresholds visit the Pollutants page of the European Industrial Emissions Portal. The legal reporting requirements are defined in the Regulation (EC) No 166/2006 of the European Parliament and of the Council of 18 January 2006 concerning the establishment of a European Pollutant Release and Transfer Register and amending Council Directives 91/689/EEC and 96/61/EC.

### **Additional data on on emissions of POPs:**

No further data on emission of substances listed in Annex III to the POPs Regulation is available in Spain.

## **Section 4. Monitoring data on POPs available in IPCHEM**

The table below provides information of monitoring programmes on POPs in Spain that are currently available in IPCHEM.

<https://ipchem.jrc.ec.europa.eu>

**Table 4. information of monitoring programmes on POPs, as reported by Spain.**

Data provider	Data collection name	Substance(s) covered by the monitoring programme
<p>The Spanish Monitoring Program on POPs (SMP-POPs) was established by the Ministry of Ecological Transition (MITECO), in accordance with the measures on environmental monitoring of the 2007 National Implementation Plan (NIP) of the Stockholm Convention (SC). The SMP-POPs was established in cooperation with two public research institutions (CSIC and CIEMAT) and began its activities in air in 2008 and has yielded a very valuable collection of data on airborne POP concentrations in 23 locations in Spain from 2008 to 2019 (and ongoing). This program, unique in temperate latitudes and beyond, provides a very good baseline for all POPs listed, for the evaluation of the current and future situation, as well as some indications about consistent differences between remote and urban sites and changes to over time, useful for modelling, source attribution and effectiveness evaluation purposes.</p>	<p>The environmental monitoring data from the Spanish Monitoring Program on POP has not been integrated with IPCHEM but comprehensive information of the SMP-POP is available in the webpage of the Ministry for Environmental Transition. The results of the National Network for Environmental Monitoring on POPs are reported in the "INFORME ESTRATÉGICO DE LA RED NACIONAL DE VIGILANCIA AMBIENTAL DE CONTAMINANTES ORGÁNICOS PERSISTENTES (cop) 2008-2018".</p> <p><a href="https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/plan_nacional.aspx">https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/plan_nacional.aspx</a></p> <p>The Executive Summary of the Spanish Monitoring Program on POPs (SMP-POPs) is available in the annex 8.1 (page s119-124) of the Regional Monitoring Report for Western Europe and other States Group (WEOG) which is available in the Stockholm Convention webpage:</p> <p><a href="http://www.pops.int/Implementation/GlobalMonitoringPlan/MonitoringReports/tabid/525/Default.aspx">http://www.pops.int/Implementation/GlobalMonitoringPlan/MonitoringReports/tabid/525/Default.aspx</a></p>	<p>Polychlorinated Biphenyls (PCB); Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF); Hexachlorocyclohexanes (HCHs): <math>\alpha</math>-HCH, <math>\beta</math>-HCH and <math>\gamma</math>-HCH (lindane). Hexachlorobenzene (HCB). DDT and its metabolites (DDTs): 1,1'-(2,2,2-trichloroethane-1,1-diyl)bis(4-chlorobenzene) (DDT; p,p'- and o,p'-DDT), 1,1-bis-(4-chlorophenyl)-2,2-dichloroethene (DDE; p,p'- and o,p'-DDE), 1-chloro-4-[2,2-dichloro-1-(4-chlorophenyl) ethyl]benzene (DDD; p,p'- and o,p'-DDD). Pentachlorobenzene (PeCB). Endosulfan: <math>\alpha</math>- and <math>\beta</math> isomers.</p>

## **Section 5. Art. 7(4)(b)(iv) notifications on the derogation for waste treatment**

In accordance with Article 7(2) of the POPs Regulation, notwithstanding Council Directive 96/59/EC on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT), waste consisting of, containing or contaminated by any substance listed in Annex IV to the POPs Regulation shall be disposed of or recovered, without undue delay and in accordance with Part 1 of Annex V to the POPs Regulation, in such a way as to ensure that the POP content is destroyed or irreversibly transformed so that the remaining waste and releases do not exhibit the characteristics of POPs.

As specified in Article 7(4), by way of derogation from the second paragraph of Article 7, a Member State or the competent authority designated by that Member State may, in exceptional cases, allow wastes listed in Part 2 of Annex V containing or contaminated by a substance listed in Annex IV up to concentration limits specified in Part 2 of Annex V to be otherwise dealt with in accordance with a method listed in Part 2 of Annex V, provided that the following conditions are fulfilled.

- (i) the holder concerned has demonstrated to the satisfaction of the competent authority of the Member State concerned that decontamination of the waste in relation to substances listed in Annex IV was not feasible, and that destruction or irreversible transformation of the POP content, performed in accordance with best environmental practice or best available techniques, does not represent the environmentally preferable option and the competent authority has subsequently authorised the alternative operation;
- (ii) the holder concerned has provided information on the POP content of the waste to the competent authority;
- (iii) the operation is in accordance with relevant Union legislation and with the conditions laid down in relevant additional measures referred to in paragraph 5;
- (iv) the Member State concerned has informed the other Member States, the Agency and the Commission of its authorisation and the justification for it.

No authorisation for the derogation on the treatment of waste in accordance for the Article 7(4)(b)(i) have been granted by Spain.

## **Section 6. Enforcement - controls, infringements and enforcement measures**

In order to ensure transparency, impartiality and consistency at the level of enforcement activities, Member States should lay down rules on penalties applicable to infringements of the POPs Regulation and ensure that they are implemented. Those penalties should be effective, proportionate and dissuasive, since non-compliance can result in damage to human health and to the environment.

The Member States are responsible for the enforcement of the POPs Regulation. In this section, the number of official controls carried out by Spain in which the POPs regulation was covered, the number of cases of non compliance and enforcement measures are presented. The information on numbers of controls was reported by the Member States in their reports submitted under Art 13(1) of the POPs Regulation. The template for reporting the information on controls was agreed with the Forum for Exchange of Information on Enforcement.

Controls are understood as inspections or investigations or monitoring, or other enforcement measures carried out by enforcement authorities. Therefore, the number of controls takes into account the total number of enforcement related activities carried out by Spain. Controls can relate to products (substances, articles, mixtures) in case of controlling some requirements (for instance restrictions on the manufacturing, placing on the market and use) and to duty holders in case of controlling other requirements (e.g. stockpiles).

## **Section 7. Sites contaminated with POPs**

The Member States can optionally include in this section information concerning sites contaminated with POPs located in their country.

## **Section 8. National implementation plans**

The national implementation plan (NIP) and its subsequent updates are prepared by the EU and its Member States in accordance with its obligations under the Stockholm Convention. The NIPs are publicly available in the Convention webpage:

<http://chm.pops.int/Implementation/NationalImplementationPlans/NIPTransmission/tabid/253/Default.aspx>

**Table 5. Status of the initial NIP from Spain and its subsequent updates.**

	Status	Mechanisms for public participation during the development of the NIP
Initial NIP	Transmitted to the SC	Yes
Update addressing COP 4 amendments	Transmitted to the SC	Yes
Update addressing COP 5 amendments	Transmitted to the SC	Yes
Update addressing COP 6 amendments	Transmitted to the SC	Yes
Update addressing COP 7 amendments	Transmitted to the SC	Yes
Update addressing COP 8 amendments	Transmitted to the SC	Yes
Update addressing COP 9 amendments	Under development	

## **Section 9. Provision of technical and financial assistance**

In accordance with Articles 12 and 13 of the Convention, the Commission and the Member States shall cooperate in providing appropriate and timely technical and financial assistance to developing countries and countries with economies in transition to assist them, upon request and within available resources and taking into account their particular needs, to develop and strengthen their capacity to fully implement their obligations under the Convention. Such support may also be channeled through Regional Centres, as identified under the Convention, non-governmental organisations or the European Chemicals Agency.

The task of regional and subregional centres (SCRCs) established by the Stockholm Convention is to provide technical assistance and to promote the transfer of technology to developing country Parties and Parties with economies in transition relating to the implementation of their obligations under the Convention. Information on their work plans and activity reports is available in the Convention website.

<http://chm.pops.int/Partners/RegionalCentres/Overview/tabid/425/Default.aspx>

Additional financial/technical assistance to third countries is also provided through multilateral channels such as the Global Environmental Facility (GEF), the Stockholm Convention Trust funds, Strategic Approach to International Chemicals Management (SAICM) Quick Start Programme, or the UN Special Programme. The financial contribution of the MS to the different instruments, as well as information about the projects founded is publicly available on the following websites:

- The GEF Projects database. Focal area: Chemicals and Waste. The GEF provides funding to assist developing countries in meeting the objectives of international environmental conventions. The GEF serves as a "financial mechanism" to the Stockholm Convention on Persistent Organic Pollutants (POPs).

[https://www.thegef.org/projects-operations/database?f%5B0%5D=focal\\_areas%3A2206](https://www.thegef.org/projects-operations/database?f%5B0%5D=focal_areas%3A2206)

- The SAICM Quick Start Programme Projects:

<http://www.saicm.org/QuickStartProgramme/Projects/tabid/5470/language/en-US/Default.aspx>

- The UN Special (chemical and waste) programme projects database:

<https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/special-programme/special-programme-projects-database>

The Member States can optionally include in this section further information on the provision of financial and technical assistance to third countries.



## **Section 10. Information exchange measures and awareness programmes**

In accordance with Article 11(2) of the POPs Regulation, the Commission, the European Chemicals Agency and the Member States, as appropriate, shall promote and facilitate with regard to POPs:

- (a) awareness programmes, including relating to their health and environmental effects and their alternatives and on the reduction or elimination of their manufacture, use and release, especially for:
  - (i) policy- and decision-makers;
  - (ii) particularly vulnerable groups;
- (b) the provision of public information;
- (c) training, including workers, scientists, educators and technical and managerial personnel.

The Member States can optionally report on their information exchange activities under this section.

**Table 6. Information exchange activities carried out by Spain.**

General description of the measure	Type of measure	Webpage (copy the URLs in your browser)	Period
A webpage designed to provide information to the general public about POP and the Stockholm Convention	Awareness programme, and The provision of public information, and Training of workers, scientists, educators and technical and managerial personnel with regard to persistent organic pollutants	<a href="https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/">https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/</a>	

**Table 6. Information exchange activities carried out by Spain.**

General description of the measure	Type of measure	Webpage (copy the URLs in your browser)	Period
<p>Comunicación y Educación ante la Contaminación. Los desconocidos Contaminantes Orgánicos Persistentes (COP). A conference organised with the aim of helping experts on communication (NGOs, journalists and scientist) to divulgate information about POP</p>	<p>Awareness programme, and The provision of public information, and Training of workers, scientists, educators and technical and managerial personnel with regard to persistent organic pollutants</p>		<p>2019 - 2019</p>
<p>The POP Technical Group consists of representatives of the ministerial departments concerned with POP, regional governments (autonomous communities), scientists, industrial sectors and relevant non-governmental organizations (Trade Unions, consumer associations and environmentalists). More than 200 experts have participated in this Group, whose initiatives and comments have been considered throughout the development and updating the NIP. This group is also used for the exchange of information between the participants.</p>	<p>Awareness programme, and The provision of public information, and Training of workers, scientists, educators and technical and managerial personnel with regard to persistent organic pollutants</p>	<p><a href="https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/">https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/contaminantes-organicos-persistentes-cop/</a></p>	<p>2005 -</p>

## Appendix A. Stockpile notifications

Information about the specific stockpile notifications received by Spain is included in this section.

### Hexachlorobenzene

<b>Code assigned to the stockpile for the report</b>	ES0000000040
<b>Date of Notification</b>	19/10/2021
<b>Substance or Group of Substances</b>	Hexachlorobenzene
<b>Substance member of a group</b>	
<b>EC number</b>	204-273-9
<b>CAS number</b>	118-74-1
<b>Stockpile type</b>	substance
<b>Description of the mixture (optional)</b>	
<b>Total mass of the stockpile (tonnes)</b>	0.00001
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	1000000
<b>Quantity of the Substance (tonnes)</b>	0.00001
<b>Management Measures in place</b>	
<b>Intended use / article description</b>	Laboratory scale research or reference standard
<b>Additional information</b>	

## Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds

<b>Code assigned to the stockpile for the report</b>	ES0000000002
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	55
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	2.2
<b>Management Measures in place</b>	Cans/ICBs in plant associated to monitors
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000003
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	92.4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	3.696
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000004
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	98.5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	3.94
<b>Management Measures in place</b>	Mobile equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000005
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	69
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	2.76
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000006
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AFFF 1% (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>



<b>Code assigned to the stockpile for the report</b>	ES0000000007
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AFFF 1-3% (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	17
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000008
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AFFF 3% (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	25.4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000009
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AFFF 6% (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	0.2
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000010
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ALCOSEAL AR AFFF 3% ANGUS (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000011
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ALCOSEAL AR AFFF 3% from ANGUS (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	8
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Cans/ICBs in plant associated to monitors
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000012
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ANGUS FIRE TRIDOL "ATF" 3/3% AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	15
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000013
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ANSUL 3-6% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000014
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ANSULITE AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	0.2
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Cans/ICBs in plant associated to monitors
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>



<b>Code assigned to the stockpile for the report</b>	ES0000000015
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AQUAFILM (AUXQUIMIA) AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	2.3
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000016
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	FILMFOAM 3% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	2.4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000017
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	FILMFOAM 3% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	3
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000018
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	FP-70 ANGUS 3-6% FP (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	17.6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	10000
<b>Quantity of the Substance (tonnes)</b>	0.176
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000019
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	FP-70 ANGUS 3-6% FP (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	16.2
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	20000
<b>Quantity of the Substance (tonnes)</b>	0.324
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000020
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	National foam 3% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	1.7
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000021
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	78.4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	3.136
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000022
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	96
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	3.84
<b>Management Measures in place</b>	Mobile equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>



<b>Code assigned to the stockpile for the report</b>	ES0000000023
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	197.6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	80000
<b>Quantity of the Substance (tonnes)</b>	15.808
<b>Management Measures in place</b>	Cans/ICBs in plant associated to monitors
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000024
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	330.4
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	200000
<b>Quantity of the Substance (tonnes)</b>	66.08
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000025
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	135.2
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	160000
<b>Quantity of the Substance (tonnes)</b>	21.632
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000026
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A-FP AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	45
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	50000
<b>Quantity of the Substance (tonnes)</b>	2.25
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000027
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A-FP AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	14
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	50000
<b>Quantity of the Substance (tonnes)</b>	0.7
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000028
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	TRIDOL "S" AFFF 3% from ANGUS (Hidroc) (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	22
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000029
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	TRIDOL "S" tipo AFFF 3% from ANGUS FIRE TRIDOL "ATF" 3/6% (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000030
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD (CHEMGUARD) 3% AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	0.8
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.032
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>



<b>Code assigned to the stockpile for the report</b>	ES0000000031
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD (CHEMGUARD) 3-3% AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	2
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.08
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000032
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD (CUG) 1-3% AR AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	14.5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.58
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000033
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD 1% AR AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	12
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.48
<b>Management Measures in place</b>	Mobile equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000034
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD 1-3% AR AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	60.6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	2.424
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000035
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD 3% AR AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	150.1
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	80000
<b>Quantity of the Substance (tonnes)</b>	12.008
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000036
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ULTRAGUARD AF AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.2
<b>Management Measures in place</b>	Mobile equipment, transportable cans / IBCs for emergencies
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000037
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ANSUL 3-6% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Cans/ICBs in plant associated to monitors
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000038
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	ANSUL 3-6% AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	8
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m3 and converted to tonnes assuming a density of 1000 kg/m3.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>



<b>Code assigned to the stockpile for the report</b>	ES0000000039
<b>Date of Notification</b>	15/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	THUNDERSTORM 1-3% FC-601A AR-AFFF (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	6
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	40000
<b>Quantity of the Substance (tonnes)</b>	0.24
<b>Management Measures in place</b>	Fixed equipment
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>The exact concentration of PFOA (or related substances) in the foams installed before the entry into force of the EU regulation 2017/1000 is unknown since the manufacturer did not perform an exact measurement as it was not a requirement. The manufacturer has not been able to provide us with the data.</p> <p>The total amount of foam was provided by the stockholder in m<sup>3</sup> and converted to tonnes assuming a density of 1000 kg/m<sup>3</sup>.</p> <p>Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000041
<b>Date of Notification</b>	19/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	Hydral 3 Plus (Firefighting foam)
<b>Total mass of the stockpile (tonnes)</b>	1180
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	Tank 1200 litres placed in Turbine room Jerrycan in the Fire Brigade warehouse 200 litres
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	

<b>Code assigned to the stockpile for the report</b>	ES0000000042
<b>Date of Notification</b>	31/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	AUXQUIMIA 1,3
<b>Total mass of the stockpile (tonnes)</b>	50.5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	10
<b>Quantity of the Substance (tonnes)</b>	0.000505
<b>Management Measures in place</b>	<p>To collect firewater, our sites have bunded areas, waterproof ground, rainwater drainage blocked systems to avoid contamination, drainage systems for water treatment and emergency pools for collecting contaminated water.</p> <p>In case of an incident, our pools are prepared to contain all the water that would be generated during the fire and the size of these pools are based on the worst cases scenarios of each site. All the water generated during the fire, is diverted to the water treatment plant; in these plants the water is continuously monitored with analytics ensuring the compliance with the limit values set by the legislation. If a higher treatment is necessary, a specific treatment will be carried out with expressly designed package units. Annual training for first responders and guarantee their competences to face any fire or any incident that it requires the use of foam for firefighting</p>
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>Any stockpile is managed and stored in the facilities maintaining all the safety requirements to avoid any uncontrolled release to the environment. Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p> <p>Stockpile holder has begun to define the transition plan according to the new regulations</p>

<b>Code assigned to the stockpile for the report</b>	ES0000000043
<b>Date of Notification</b>	31/10/2021
<b>Substance or Group of Substances</b>	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	mixture
<b>Description of the mixture (optional)</b>	WILLIAMS 1,3
<b>Total mass of the stockpile (tonnes)</b>	55.5
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	50
<b>Quantity of the Substance (tonnes)</b>	0.002775
<b>Management Measures in place</b>	<p>To collect firewater, our sites have bunded areas, waterproof ground, rainwater drainage blocked systems to avoid contamination, drainage systems for water treatment and emergency pools for collecting contaminated water.</p> <p>In case of an incident, our pools are prepared to contain all the water that would be generated during the fire and the size of these pools are based on the worst cases scenarios of each site. All the water generated during the fire, is diverted to the water treatment plant; in these plants the water is continuously monitored with analytics ensuring the compliance with the limit values set by the legislation. If a higher treatment is necessary, a specific treatment will be carried out with expressly designed package units. Used in annual training for first responders and guarantee their competences to face any fire or any incident that it requires the use of foam for firefighting</p>
<b>Intended use / article description</b>	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
<b>Additional information</b>	<p>Any stockpile is managed and stored in the facilities maintaining all the safety requirements to avoid any uncontrolled release to the environment. Concentrations, when given, are the maximum value of the range provided by the manufacturer.</p> <p>Stockpile holder has begun to define the transition plan according to the new regulations</p>

## Polychlorinated Biphenyls (PCB)

<b>Code assigned to the stockpile for the report</b>	ES0000000001
<b>Date of Notification</b>	31/12/2020
<b>Substance or Group of Substances</b>	Polychlorinated Biphenyls (PCB)
<b>Substance member of a group</b>	
<b>EC number</b>	
<b>CAS number</b>	
<b>Stockpile type</b>	article
<b>Description of the mixture (optional)</b>	
<b>Total mass of the stockpile (tonnes)</b>	20217.79
<b>Concentration of the POP in the mixture or article (mg/kg)</b>	
<b>Quantity of the Substance (tonnes)</b>	
<b>Management Measures in place</b>	
<b>Intended use / article description</b>	
<b>Additional information</b>	<p>The information is extracted from the National PCB Inventory as integration of the inventories prepared by the competent authorities of the different Autonomous Communities, based on the data provided by the PCB holders in their corresponding declarations.</p> <p>The total amount of 20217.79 tons can be broken down into 4 groups or types of stockpile:</p> <ul style="list-style-type: none"> <li>- 619.79 tonnes with a PCB concentration above 500 mg/kg;</li> <li>- 18787.68 tonnes with a PCB concentration between 50 and 500 mg/kg;</li> <li>- 11.87 tonnes with a PCB concentration of above 50 mg/kg (PCB volume 1-5 dm<sup>3</sup>);</li> <li>- 798.46 tonnes with unknown PCB concentration.</li> </ul> <p>Since the concentrations of each group are expressed in ranges, we believe that a specific and unique value of PCB concentration should not be assigned to the groups.</p>

**Appendix B. Releases to the environment of unintentionally produced POPs - additional data**

No further data on emission of substances listed in Annex III to the POPs Regulation is available in Spain.

### **Appendix C. Art. 7(4)(b)(iv) notifications**

No authorisation for the derogation on the treatment of waste in accordance for the Article 7(4)(b)(i) have been granted by Spain.