

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

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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in the European Union by the Regulation (EU) 2019/1021 on persistent organic pollutants (the POPs Regulation) which repealed the original Regulation (EC) No 850/2004 on POPs.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 Synthesis Report:

[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.

Substance/group of substances (Link to substance infocard page)	Uses	Specific exemptions for the manufacturing, placing on the market and use
Aldrin	Pesticide	No
Alkanes C10-C13, chloro (short-chain chlorinated paraffins) (SCCPs)	Industrial chemical	No
Bis(pentabromophenyl) ether (decabromodiphenyl ether; decaBDE)	Industrial chemical	Yes. See Annex I to the POPs Regulation
Chlordane	Pesticide	No
Chlordecone	Pesticide	No
DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)	Pesticide	No
Dicofol	Pesticide	No
Dieldrin	Pesticide	No
Endosulfan and its isomers	Pesticide	No
Endrin	Pesticide	No
Heptabromodiphenyl ether	Industrial chemical	Yes. See Annex I to the POPs Regulation
Heptachlor	Pesticide	No
Hexabromo-1,1'-biphenyl	Industrial chemical	No
Hexabromocyclododecane (HBCDD)	Industrial chemical	No
Hexabromodiphenyl ether	Industrial chemical	Yes. See Annex I to the POPs Regulation
Hexachlorobenzene	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/or 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) C₈F₁₇SO₂X, (X = OH, Metal salt (O-M⁺), 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
Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds	Industrial chemical	No
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

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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 Germany concerning the production, import and/or placing on the market of substances listed in Annex I or II to the POPs Regulation in Germany.

Table 2. Data on the production, import and/or placing on the market in Germany 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)		Additional information
					Manufactured	Imported	
Hexabromocyclododecane		247-148-4	25637-99-4	2010		>1000 tonnes	Cease of manufacture in 2021
	2-Propenoic acid, γ - ω -perfluoro-C8-14-alkyl esters	288-003-5	85631-54-5	2018		10-100 tonnes	Registration is active
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	Alkyl iodides, C6-18, perfluoro	292-474-2	90622-71-2	2020	1-10 tonnes		Registered as OSII
	Triethoxy (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) silane	435-230-4	101947-16-4	2008	<1 tonne		NONS, no information if substance is manufactured or imported.

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 Germany. 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.

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)*
Perfluorooctane sulfonic acid and its derivatives (PFOS)	2019	substance	1	13.741
	2020	substance	1	13.741
	2021	substance	1	13.741
	2022	substance	1	13.741
Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	2020	mixture	2	2.56
	2021	mixture	8	291.7421
	2022	mixture	44	1464.282
	2022	substance	2	7.37

* 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 Germany 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 Germany 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 Germany 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://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 Germany.

Section 4. Monitoring data on POPs available in IPCHEM

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

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

Table 4. information of monitoring programmes on POPs, as reported by Germany, which are currently available in IPCHEM.

Data provider	Data collection name	Substance(s) covered by the monitoring programme
EEA	WISE	Polychlorinated Biphenyls (PCB); Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF); POP of the EQS Directive (2008/105/EU)
EU COM	WISE	Polychlorinated Biphenyls (PCB); Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF); POP of the EQS Directive (2008/105/EU)
German Environment Agency	ESB - Environmental Specimen Bank	PFOA; HBCDD
	ESB-UBA - Environmental Specimen Bank of Germany	Polychlorinated Biphenyls (PCB); Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF); Dieldrin; DecaBDE (BDE-209); HBCDD; Hexachlorobenzene; alpha-HCH; beta-HCH; gamma-HCH (Lindane); Pentachlorophenol; PFOA;

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.

The table below contains information on the authorisations granted by Germany on the derogation for the treatment of waste containing or contaminated by a substance listed in Annex IV. The notifications on the derogation of waste treatment are published in Appendix C

Table 5. Information notified by Germany to ECHA in accordance with Art. 7(4)(b)(iv).

Substance or group of substances	Substance name (when part of a group)	EC number	CAS number	Date of permission	Waste name
Hexabromocyclododecane				04/02/2020	other construction and demolition wastes (including mixed wastes) containing hazardous substances
				19/10/2020	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
	1,1'-Biphenyl, chloro derivs.	215-648-1	1336-36-3	30/08/2022	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Polychlorinated Biphenyls (PCB)				06/09/2022	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
				16/10/2019	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)		-	-	02/05/2019	solid wastes from gas treatment

Table 5. Information notified by Germany to ECHA in accordance with Art. 7(4)(b)(iv).

Substance or group of substances	Substance name (when part of a group)	EC number	CAS number	Date of permission	Waste name
Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)				06/06/2019	bottom ash and slag containing hazardous substances
		-	-	06/04/2020	solid wastes from gas treatment
				06/04/2020	wastes from gas cleaning containing hazardous substances

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 Germany 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 Germany. 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).

Table 6. Number of official controls carried out by Germany in which the POPs regulation was covered and the number cases of non-compliance.

Year	Total number of controls in which the POPs Regulation was covered and/or enforced	Number of official controls which addressed the following requirements:			Number of cases of non-compliance found for each of the following requirements (out of the total number of controls which addressed each requirement)		
		Manufacturing, placing on the market and use (Art. 3)	Stockpiles (Art. 5)	Waste management (Art. 7)	Manufacturing, placing on the market and use (Art. 3)	Stockpiles (Art. 5)	Waste management (Art. 7)
2019	168	167			17		
2020	130	128	1	1	12	0	1
2021	232	232	10		31		
2022	288	284	9		20	2	

Note: The summed number of controls addressing the specific duties listed on the table does not have to equal the total number of controls for that year as there may also be controls of other duties under the POPs Regulation and overlap of provisions controlled within one interaction (inspection, desktop assessment etc.).

Data from the controls from the year preceding the publication of the report might be updated as new information becomes available to Germany.

Table 7. Number of official controls in Germany which resulted in no measures or enforcement actions.

Year	No measures	Verbal advice	Written advice	Public announcement	Admin. measures /orders	Withdrawal/recall of products from the market, confiscation or seizure, ban of sale/use, destruction of non-compliant products or waste	Fines	Suspension or revocation of business license	Imprisonment	Other legal enforcement action
2019	20	37	66		4	14				
2020	28		57		2	4				2: Criminal charge; Substitute performance
2021	59	73	36		1					
2022	33	143	40		1					11: Handing over to the Public Prosecutor's Office ; Compliance checks regarding the conditions of use and monitoring of the substitution procedure

Data from the controls in the year preceding the publication of the report might be updated as new information becomes available to the Member States.

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 8. Status of the initial NIP from Germany 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	Under development	Yes
Update addressing COP 8 amendments	Under development	Yes

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

- 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.

Appendix A. Stockpile notifications

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

Perfluorooctane sulfonic acid and its derivatives (PFOS)

Code assigned to the stockpile for the report	DE0000000001
Date of Notification	22/01/2019
Substance or Group of Substances	Perfluorooctane sulfonic acid and its derivatives (PFOS)
Substance member of a group	Heptadecafluorooctanesulphonyl fluoride
EC number	206-200-6
CAS number	307-35-7
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	13.741
Concentration of the POP in the mixture or article (mg/kg)	
Quantity of the Substance (tonnes)	
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Mist suppressants for non-decorative hard chromium (VI) plating in closed loop systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000002
Date of Notification	29/01/2020
Substance or Group of Substances	Perfluorooctane sulfonic acid and its derivatives (PFOS)
Substance member of a group	Heptadecafluorooctanesulphonyl fluoride
EC number	206-200-6
CAS number	307-35-7
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	13.741
Concentration of the POP in the mixture or article (mg/kg)	
Quantity of the Substance (tonnes)	
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Mist suppressants for non-decorative hard chromium (VI) plating in closed loop systems
Additional information	

Code assigned to the stockpile for the report	DE0000000005
Date of Notification	04/02/2021
Substance or Group of Substances	Perfluorooctane sulfonic acid and its derivatives (PFOS)
Substance member of a group	Heptadecafluorooctanesulphonyl fluoride
EC number	206-200-6
CAS number	307-35-7
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	13.741
Concentration of the POP in the mixture or article (mg/kg)	
Quantity of the Substance (tonnes)	
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Mist suppressants for non-decorative hard chromium (VI) plating in closed loop systems
Additional information	

Code assigned to the stockpile for the report	DE0000000015
Date of Notification	28/02/2022
Substance or Group of Substances	Perfluorooctane sulfonic acid and its derivatives (PFOS)
Substance member of a group	Heptadecafluorooctanesulphonyl fluoride
EC number	206-200-6
CAS number	307-35-7
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	13.741
Concentration of the POP in the mixture or article (mg/kg)	100
Quantity of the Substance (tonnes)	0.0013741
Management Measures in place	Measures according to SDS: Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers (shall be contained over the entire life cycle through technical measures; emissions shall be minimised using process and control technologies)
Intended use / article description	
Additional information	

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

Code assigned to the stockpile for the report	DE0000000003
Date of Notification	02/08/2020
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	
EC number	
CAS number	
Stockpile type	mixture
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	
Concentration of the POP in the mixture or article (mg/kg)	
Quantity of the Substance (tonnes)	
Management Measures in place	
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000004
Date of Notification	29/09/2020
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Water-based mixture of fluoropolymers and additives
Total mass of the stockpile (tonnes)	2.56
Concentration of the POP in the mixture or article (mg/kg)	
Quantity of the Substance (tonnes)	
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Textiles for oil- and water-repellency for the protection of workers from dangerous liquids that comprise risks to their health and safety
Additional information	

Code assigned to the stockpile for the report	DE0000000006
Date of Notification	24/03/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Composition: < 15% 1,2-Ethenediol, < 5% 2-(2-BUTOXYETHOXY)ETHANOL, < 5 % OCTYLSULFATE, < 5 % DECYLSULFATE, < 5 % ALKYL POLYGLYCOSIDE und < 5 % FLUOROSURFACTANT
Total mass of the stockpile (tonnes)	10
Concentration of the POP in the mixture or article (mg/kg)	0.4
Quantity of the Substance (tonnes)	0.000004
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers (Conditions: dry, under lock and key; storage in a stationary (firmly cased roll-off container), closed storage container qualified according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV))
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	alcohol-resistant; for emergency planning; calculation on fluorine compounds as a whole is incorrect, as only a range of FLUOROSURFACTANT concentration: < 5% is given in the MSDS.

Code assigned to the stockpile for the report	DE0000000007
Date of Notification	10/05/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-17
Total mass of the stockpile (tonnes)	2
Concentration of the POP in the mixture or article (mg/kg)	0.22
Quantity of the Substance (tonnes)	0.00000044
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000008
Date of Notification	10/05/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-15
Total mass of the stockpile (tonnes)	100
Concentration of the POP in the mixture or article (mg/kg)	0.65
Quantity of the Substance (tonnes)	0.000065
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000009
Date of Notification	10/05/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-15
Total mass of the stockpile (tonnes)	50
Concentration of the POP in the mixture or article (mg/kg)	0.41
Quantity of the Substance (tonnes)	0.0000205
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000010
Date of Notification	10/05/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-16
Total mass of the stockpile (tonnes)	8.5
Concentration of the POP in the mixture or article (mg/kg)	0.43
Quantity of the Substance (tonnes)	0.000003655
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000011
Date of Notification	04/10/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Water-based mixture of fluoropolymeres and additives
Total mass of the stockpile (tonnes)	0.8966
Concentration of the POP in the mixture or article (mg/kg)	1000
Quantity of the Substance (tonnes)	0.0008966
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	PFOA is present as an impurity in various concentrations below 1000 mg/kg

Code assigned to the stockpile for the report	DE0000000012
Date of Notification	05/10/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Water-based mixture of fluoropolymeres and additives
Total mass of the stockpile (tonnes)	2.1955
Concentration of the POP in the mixture or article (mg/kg)	1000
Quantity of the Substance (tonnes)	0.0021955
Management Measures in place	Storage concept of the German Chemical Industry Association (VCI) according to national law on the storage of hazardous substances in mobile containers
Intended use / article description	Textiles for oil- and water-repellency for the protection of workers from dangerous liquids that comprise risks to their health and safety
Additional information	PFOA is present as an impurity in various concentrations below 1000 mg/kg

Code assigned to the stockpile for the report	DE0000000013
Date of Notification	10/11/2021
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent
Total mass of the stockpile (tonnes)	118.15
Concentration of the POP in the mixture or article (mg/kg)	0.99
Quantity of the Substance (tonnes)	0.0001169685
Management Measures in place	Storage in suitable and approved facilities.
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	Replacement of extinguishing agent is planned

Code assigned to the stockpile for the report	DE0000000014
Date of Notification	26/01/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent
Total mass of the stockpile (tonnes)	810
Concentration of the POP in the mixture or article (mg/kg)	0.4
Quantity of the Substance (tonnes)	0.000324
Management Measures in place	Storage in suitable and approved facilities.
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	Replacement of extinguishing agent is planned

Code assigned to the stockpile for the report	DE0000000016
Date of Notification	27/04/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Perfluorooctyl iodide
EC number	208-079-5
CAS number	507-63-1
Stockpile type	mixture
Description of the mixture (optional)	By-product in the production of perfluorinated C6 chain iodide
Total mass of the stockpile (tonnes)	200
Concentration of the POP in the mixture or article (mg/kg)	800
Quantity of the Substance (tonnes)	0.16
Management Measures in place	Storage in hazardous goods container in accordance with national law (Federal Immision Control Act, BImSchG)
Intended use / article description	
Additional information	Mixture still contains 20 % perfluorodecyl(1)iodide and perfluoroundecyl(1)iodide. The mixture is exported to China for further processing in the electronics industry. Handling of the mixture under strictly controlled conditions.

Code assigned to the stockpile for the report	DE0000000017
Date of Notification	20/07/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-15
Total mass of the stockpile (tonnes)	100
Concentration of the POP in the mixture or article (mg/kg)	0.65
Quantity of the Substance (tonnes)	0.000065
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000018
Date of Notification	20/07/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-15
Total mass of the stockpile (tonnes)	50
Concentration of the POP in the mixture or article (mg/kg)	0.41
Quantity of the Substance (tonnes)	0.0000205
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000019
Date of Notification	20/07/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-16
Total mass of the stockpile (tonnes)	8.5
Concentration of the POP in the mixture or article (mg/kg)	0.43
Quantity of the Substance (tonnes)	0.000003655
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000020
Date of Notification	20/07/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent MOUSSOL APS 3/6 F-17
Total mass of the stockpile (tonnes)	2
Concentration of the POP in the mixture or article (mg/kg)	0.22
Quantity of the Substance (tonnes)	0.00000044
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000021
Date of Notification	30/08/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent STHAMEX AFFF 3%
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.11
Quantity of the Substance (tonnes)	0.00000011
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000022
Date of Notification	30/08/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent EXPYROL AFFF 3%
Total mass of the stockpile (tonnes)	4.8
Concentration of the POP in the mixture or article (mg/kg)	0.41
Quantity of the Substance (tonnes)	0.000001968
Management Measures in place	Retention of substances hazardous to water according to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000023
Date of Notification	17/11/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Foam concentrate Moussol APS LV 1/3 F15
Total mass of the stockpile (tonnes)	51
Concentration of the POP in the mixture or article (mg/kg)	0.37
Quantity of the Substance (tonnes)	0.00001887
Management Measures in place	Stored in 2 industrial fire-fighting vehicles (each with integrated 1500 l glass-fibre reinforced plastic container) and in 4 stainless steel roll off containers (containing 12000 l each) as mobile unit. Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000024
Date of Notification	17/11/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Foam concentrate Moussol APS LV 1/3 F15
Total mass of the stockpile (tonnes)	40
Concentration of the POP in the mixture or article (mg/kg)	0.26
Quantity of the Substance (tonnes)	0.0000104
Management Measures in place	Provided in a stainless steel tank with a fixed volume of 40000 l. The tank is enclosed by a circumferential collecting space designed for this purpose.
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000025
Date of Notification	24/11/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	
EC number	
CAS number	
Stockpile type	mixture
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	15
Concentration of the POP in the mixture or article (mg/kg)	12
Quantity of the Substance (tonnes)	0.00018
Management Measures in place	Storage container
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000026
Date of Notification	29/11/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing foam; PFOA concentration >5%
Total mass of the stockpile (tonnes)	55.8
Concentration of the POP in the mixture or article (mg/kg)	5000
Quantity of the Substance (tonnes)	0.279
Management Measures in place	Storage in suitable and approved facilities. However, the fire water retention does not comply with water law requirements; the replacement of the extinguishing foams is planned by 30.09.2023.
Intended use / article description	
Additional information	The fire water retention does not comply with water law requirements; measures have already been implemented to prevent the admixture of the PFOA-containing foaming agent in the event of a fire.

Code assigned to the stockpile for the report	DE0000000027
Date of Notification	21/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	7.25
Concentration of the POP in the mixture or article (mg/kg)	0.62
Quantity of the Substance (tonnes)	0.000004495
Management Measures in place	Storage container with collecting basin; in the event of a release, fire-fighting water retention of the entire surface drainage system in the facility
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	Foaming agent in a storage container, admixture when sprinkler system is triggered. The plant fire brigade is instructed to close the fire-fighting water retention immediately in the event of a release.

Code assigned to the stockpile for the report	DE0000000028
Date of Notification	21/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	substance
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	0.12
Concentration of the POP in the mixture or article (mg/kg)	0.62
Quantity of the Substance (tonnes)	0.0000000744
Management Measures in place	In containers (20 kg each), distributed on three wall-mounted foam hydrants
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	The plant fire brigade is instructed to close the fire-fighting water retention immediately in the event of a release

03/11/2023

Code assigned to the stockpile for the report	DE0000000029
Date of Notification	21/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	
EC number	
CAS number	
Stockpile type	mixture
Description of the mixture (optional)	Premix in fire extinguishers (Fa. Minimax)
Total mass of the stockpile (tonnes)	3.432
Concentration of the POP in the mixture or article (mg/kg)	0.39
Quantity of the Substance (tonnes)	0.00000133848
Management Measures in place	
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000030
Date of Notification	22/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	
EC number	
CAS number	
Stockpile type	mixture
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	64
Concentration of the POP in the mixture or article (mg/kg)	12
Quantity of the Substance (tonnes)	0.000768
Management Measures in place	Steel containers for storage
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000031
Date of Notification	22/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	
EC number	
CAS number	
Stockpile type	mixture
Description of the mixture (optional)	
Total mass of the stockpile (tonnes)	37
Concentration of the POP in the mixture or article (mg/kg)	0.53
Quantity of the Substance (tonnes)	0.00001961
Management Measures in place	Steel containers for storage
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000032
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent unknown
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.83
Quantity of the Substance (tonnes)	0.00000083
Management Measures in place	Industrial fire-fighting vehicle with integrated 1,000 l tank (glass-fibre reinforced plastic container); provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AWSV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000033
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent unknown
Total mass of the stockpile (tonnes)	0.25
Concentration of the POP in the mixture or article (mg/kg)	0.45
Quantity of the Substance (tonnes)	0.0000001125
Management Measures in place	Industrial fire-fighting vehicle with integrated 250 l tank (glass-fibre reinforced plastic container); provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwsV).
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000034
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.24
Quantity of the Substance (tonnes)	0.00000024
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000035
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.77
Quantity of the Substance (tonnes)	0.00000077
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000036
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.05
Quantity of the Substance (tonnes)	0.00000005
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector) (Werfer 375)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000037
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.7
Quantity of the Substance (tonnes)	0.00000035
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000038
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.78
Quantity of the Substance (tonnes)	0.00000039
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000039
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. protein foaming agent
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.056
Quantity of the Substance (tonnes)	0.000000056
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000040
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.69
Quantity of the Substance (tonnes)	0.00000069
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000041
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.000000005
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000042
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent unknown
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000043
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000044
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000045
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent unknown
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000046
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000047
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000048
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000049
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Extinguishing agent unknown
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.057
Quantity of the Substance (tonnes)	0.000000057
Management Measures in place	Hazardous material container with collecting basin
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000050
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.17
Quantity of the Substance (tonnes)	0.000000085
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000051
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	1
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.00000001
Management Measures in place	Stainless steel tank with double protection (shut-off device and blind connector)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000052
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.85
Quantity of the Substance (tonnes)	0.000000425
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000053
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.93
Quantity of the Substance (tonnes)	0.000000465
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000054
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.33
Quantity of the Substance (tonnes)	0.000000165
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000055
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.38
Quantity of the Substance (tonnes)	0.00000019
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000056
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.49
Quantity of the Substance (tonnes)	0.000000245
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000057
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt S15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.01
Quantity of the Substance (tonnes)	0.000000005
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000058
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.8
Quantity of the Substance (tonnes)	0.0000004
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

Code assigned to the stockpile for the report	DE0000000059
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.28
Quantity of the Substance (tonnes)	0.00000014
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

03/11/2023

Code assigned to the stockpile for the report	DE0000000060
Date of Notification	28/12/2022
Substance or Group of Substances	Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds
Substance member of a group	Pentadecafluorooctanoic acid
EC number	206-397-9
CAS number	335-67-1
Stockpile type	mixture
Description of the mixture (optional)	Verm. Komet Extrakt AFFF 3% F15
Total mass of the stockpile (tonnes)	0.5
Concentration of the POP in the mixture or article (mg/kg)	0.6
Quantity of the Substance (tonnes)	0.0000003
Management Measures in place	Provided on an area compliant to national law for the protection of waters against substances hazardous to water released from stationary installations (AwSV)
Intended use / article description	Stockpiles of fire-fighting foam containing PFOA for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems
Additional information	

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 Germany.

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

Information about the specific authorisations for waste treatment derogation granted by Germany.

Authorisation identification number	ENR5NDG00719
Name of the competent authority	Regierungspräsidium Darmstadt Abteilung Arbeitsschutz und Umwelt Frankfurt
Address of the competent authority	Gutleutstraße 114 60327 Frankfurt am Main
Date	02/05/2019
Authorisation holder (company name)	Infraserv GmbH & Co. Höchst KG
Authorisation holder address	Industriepark Höchst 65926 Frankfurt am Main
Summary of justification of preferability of the management	The waste holder has demonstrated to the competent authority that, from an environmental point of view, recovery in the Salinar mine backfill is to be considered the most appropriate disposal method.
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	not available
Six digit code as laid down in Commission Decision 2000/532/EC as amended	190107*
Waste name as laid down in Decision 2000/532/EC as amended	solid wastes from gas treatment
Approved amount in tonnes	2,500
Name in accordance with the substance name laid down in Annex IV	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
Substance name (when part of a group)	
CAS number	-
Concentration of the substance in the waste	15 µg/kg
Pre-treatment method (if needed)	
Name of final storage site	Versatzbergwerk NDH Entsorgerbetreibergesellschaft
Address of final storage site	Nordhäuserstr. 70 99752 Bleicherode

Authorisation identification number	
Name of the competent authority	Niedersächsische Gesellschaft zur Endablagerung von Sonderabfall mbH
Address of the competent authority	Alexanderstrasse 4-5 30159 Hannover
Date	06/06/2019
Authorisation holder (company name)	GEKA mbH
Authorisation holder address	Humboldtstraße 110 29633 Munster
Summary of justification of preferability of the management	The waste is produced in a furnace for thermal disposal of ammunition and explosives downstream of a hot gas filter (third incineration plant). The dust is separated via filter systems and, for technical reasons, does not pass through the post-combustion or the flue gas scrubbing system. Due to the specific composition of the dusts, it is not technically possible to use them in either the first or second incineration plant.
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	190111*
Waste name as laid down in Decision 2000/532/EC as amended	bottom ash and slag containing hazardous substances
Approved amount in tonnes	1,000
Name in accordance with the substance name laid down in Annex IV	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
Substance name (when part of a group)	
CAS number	-
Concentration of the substance in the waste	32 µg/kg
Pre-treatment method (if needed)	
Name of final storage site	GSES mbH
Address of final storage site	Untertagedeponie Schachtstraße 20-22 99706 Sondershausen

Authorisation identification number	
Name of the competent authority	Regierung von Oberbayern
Address of the competent authority	Maximilianstraße 39 80538 München
Date	16/10/2019
Authorisation holder (company name)	Geiger Umweltsanierung GmbH & Co. KG
Authorisation holder address	Herzmanns 10 87448 Waltenhofen
Summary of justification of preferability of the management	Due to the risk of releasing asbestos fibres, the floorflex panels from the remediation of a PCB damage cannot be thermally disposed of in the federal state of Bavaria.
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	170902*
Waste name as laid down in Decision 2000/532/EC as amended	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Approved amount in tonnes	3
Name in accordance with the substance name laid down in Annex IV	Polychlorinated Biphenyls (PCB)
Substance name (when part of a group)	
CAS number	
Concentration of the substance in the waste	139 mg/kg
Pre-treatment method (if needed)	
Name of final storage site	GSES mbH
Address of final storage site	Untertagedeponie Schachtstraße 20-22 99706 Sondershausen

Authorisation identification number	
Name of the competent authority	Regierung von Oberbayern
Address of the competent authority	Maximilianstraße 39 80538 München
Date	04/02/2020
Authorisation holder (company name)	GSB Sonderabfall-Entsorgung Bayern GmbH
Authorisation holder address	Äußerer Ring 50 85107 Baar-Ebenhausen
Summary of justification of preferability of the management	Due to the danger of releasing asbestos fibres, the POP-containing waste with high organic contents and a high heating value could not be thermally disposed of in the federal state of Bavaria.
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	170903*
Waste name as laid down in Decision 2000/532/EC as amended	other construction and demolition wastes (including mixed wastes) containing hazardous substances
Approved amount in tonnes	999
Name in accordance with the substance name laid down in Annex IV	Hexabromocyclododecane
Substance name (when part of a group)	
CAS number	
Concentration of the substance in the waste	1,900 mg/kg
Pre-treatment method (if needed)	
Name of final storage site	K+S Minerals and Agriculture GmbH
Address of final storage site	Herfagrund 36266 Heringen

Authorisation identification number	
Name of the competent authority	Regierung von Oberbayern
Address of the competent authority	Maximilianstraße 39 80538 München
Date	06/04/2020
Authorisation holder (company name)	GSB Sonderabfall-Entsorgung Bayern GmbH (Rettenmeier Holding AG)
Authorisation holder address	Äußerer Ring 50 85107 Baar-Ebenhausen
Summary of justification of preferability of the management	Due to the hazardous nature (dioxin contamination), GSB cannot empty the fly ash / filter ash from the Rettenmeier Holding AG power plant into the open bunker at its facility and send it for incineration when it is delivered in the silo vehicle.
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	100118*
Waste name as laid down in Decision 2000/532/EC as amended	wastes from gas cleaning containing hazardous substances
Approved amount in tonnes	250
Name in accordance with the substance name laid down in Annex IV	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
Substance name (when part of a group)	
CAS number	-
Concentration of the substance in the waste	158 µg/kg
Pre-treatment method (if needed)	
Name of final storage site	Untertagedeponie UEV Umwelt Entsorgung und Verwertung GmbH
Address of final storage site	Salzgrund 67 74076 Heilbronn

Authorisation identification number	
Name of the competent authority	Regierungspräsidium Freiburg
Address of the competent authority	Albertstr. 5 79104 Freiburg i. Br.
Date	06/04/2020
Authorisation holder (company name)	Südwestdeutsche Salzwerke AG
Authorisation holder address	Salzgrund 67 74076 Heilbronn
Summary of justification of preferability of the management	Hazardousness of the waste due to the PCDD/-F content does not allow unloading in the silo train for incineration Gefährlichkeit des Abfalls aufgrund der Gehalte an PCDD/-F lässt eine Entladung im Silozug zur Verbrennung nicht zu
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	190107*
Waste name as laid down in Decision 2000/532/EC as amended	solid wastes from gas treatment
Approved amount in tonnes	500
Name in accordance with the substance name laid down in Annex IV	Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF)
Substance name (when part of a group)	
CAS number	-
Concentration of the substance in the waste	21 µg/kg
Pre-treatment method (if needed)	waste conditioning (humidification for dust binding)
Name of final storage site	Untertagedeponie UEV Umwelt Entsorgung und Verwertung GmbH
Address of final storage site	Salzgrund 67 74076 Heilbronn

Authorisation identification number	
Name of the competent authority	Regierungspräsidium Freiburg
Address of the competent authority	Albertstr. 5 79104 Freiburg i. Br.
Date	19/10/2020
Authorisation holder (company name)	Südwestdeutsche Salzwerke AG
Authorisation holder address	Salzgrund 67 74076 Heilbronn
Summary of justification of preferability of the management	Presence of asbestos in waste does not permit incineration or other treatment Vorhandensein von Asbest im Abfall lässt Verbrennung oder anderweitige Behandlung nicht zu
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	170902*
Waste name as laid down in Decision 2000/532/EC as amended	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Approved amount in tonnes	150
Name in accordance with the substance name laid down in Annex IV	Polychlorinated Biphenyls (PCB)
Substance name (when part of a group)	1,1'-Biphenyl, chloro derivs.
CAS number	1336-36-3
Concentration of the substance in the waste	454 mg/kg
Pre-treatment method (if needed)	
Name of final storage site	Untertagedeponie UEV Umwelt Entsorgung und Verwertung GmbH
Address of final storage site	Salzgrund 67 74076 Heilbronn

Authorisation identification number	ENFHN0002788
Name of the competent authority	Regierung von Oberbayern
Address of the competent authority	Maximilianstraße 39 80538 München
Date	30/08/2022
Authorisation holder (company name)	Büchl Entsorgung GmbH
Authorisation holder address	Robert-Bosch-Straße 1-5 85053 Ingolstadt
Summary of justification of preferability of the management	Joint mastic containing asbestos and PCBs from building refurbishment; thermal treatment in hazardous waste incineration plant not possible due to possible release of respirable fibres
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	170902*
Waste name as laid down in Decision 2000/532/EC as amended	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Approved amount in tonnes	20
Name in accordance with the substance name laid down in Annex IV	Polychlorinated Biphenyls (PCB)
Substance name (when part of a group)	1,1'-Biphenyl, chloro derivs.
CAS number	1336-36-3
Concentration of the substance in the waste	3,814 mg/kg
Pre-treatment method (if needed)	
Name of final storage site	K+S Minerals and Agriculture GmbH Untertagedeponie Herfa-Neurode
Address of final storage site	Herfagrund 36266 Heringen

Authorisation identification number	ENFHN0003080
Name of the competent authority	Niedersächsische Gesellschaft zur Endablagerung von Sonderabfall mbH
Address of the competent authority	Alexanderstrasse 4-5 30159 Hannover
Date	06/09/2022
Authorisation holder (company name)	Remondis Industrie Service GmbH
Authorisation holder address	Am Kanal 8 49565 Bramsche
Summary of justification of preferability of the management	Joint mastic containing asbestos and PCBs from building refurbishment; thermal treatment in hazardous waste incineration plant not possible due to possible release of respirable fibres
Website address or other reference where to find more information on the authorisation and the justification of the exemption, if available:	
Six digit code as laid down in Commission Decision 2000/532/EC as amended	170902*
Waste name as laid down in Decision 2000/532/EC as amended	construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
Approved amount in tonnes	10
Name in accordance with the substance name laid down in Annex IV	Polychlorinated Biphenyls (PCB)
Substance name (when part of a group)	1,1'-Biphenyl, chloro derivs.
CAS number	1336-36-3
Concentration of the substance in the waste	70 mg/kg
Pre-treatment method (if needed)	
Name of final storage site	K+S Minerals Agriculture GmbH Untertagedeponie Herfa-Neuroda
Address of final storage site	Herfagrund 36266 Heringen