Waste Framework Directive and SCIP Handbook

May 2023

ABC

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Version	Changes	Date
Version 0	First edition	May 2022
Version 1	Revision of links, update of the guidance documents, inclusion of the system-to-system submission of data and addition of new Q&As under 'Scope'	May 2023

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the information request form. The information request form can be accessed via the Contact ECHA page at: http://echa.europa.eu/contact

1. Introduction

SCIP is the database for information on **S**ubstances of **C**oncern **I**n articles as such or in complex objects (**P**roducts) established under the Waste Framework Directive (WFD). SCIP aims to ensure that the information about substances of very high concern (SVHCs) on the Candidate List is available throughout the whole life cycle of products and materials, including at the waste stage.

2. Waste Framework Directive (WFD)

The Waste Framework Directive (20008/98/EC) sets out measures addressing the adverse impacts of the generation and management of waste on the environment and human health, and for improving efficient use of resources which are crucial for the transition to a circular economy. The directive sets the basic concepts and definitions related to waste management, including definitions of waste, prevention, recycling and recovery.

Links: Understanding WFD and Waste Framework Directive (europa.eu) and guidance document on the classification of waste and European List of Waste (The European List of Waste is regularly revised. The latest amendment was made in 2018)

Legislation: Directive 2008/98/EC Eur-Lex and list of all EU laws related to waste

2.1. Waste Management Principles and targets

Waste must be managed:

- without endangering human health and harming the environment
- without risk to water, air, soil, plants or animals
- without causing a nuisance through noise or odours
- without adversely affecting the countryside or places of special interest

- and making use of the secondary materials they contain are key elements of the EU's environmental policy

The rules and calculation methods for verifying compliance with the Directive's targets on municipal waste and construction and demolition waste until 2025 can be found in Commission Decision 2011/753/EU. Additional rules for the calculation, verification and reporting of data on waste in accordance with the amended Waste Framework Directive can be found in Commission Decision (EU) 2019/1004. The Commission provides guidance on municipal waste data collection, which can be found here.

2.2. Implementation of the Waste Framework Directive

EU countries must report to the European Commission on the implementation of the EU waste laws, including on the achievement of targets for waste collection, re-use, recycling and recovery every year or every two years. This data can be found on Eurostat.

Link: Implementation of the Waste Framework Directive (europa.eu)

2.2.1. 2018 Implementation Report

In 2018, the European Commission published the latest implementation reports. The report gives an overview of progress and implementation challenges for several waste streams, including municipal waste, construction and demolition waste, hazardous waste, waste electrical and electronic equipment, and packaging waste. It suggests areas for improvement for each of them.

Links: Report on the implementation of waste law, including the early warning report and a more general overview of environmental law and policy can be found on the environmental implementation review.

2.2.2. For more information

- Press release: 2018 review of the implementation of EU waste rules
- Study to Identify Member States at Risk of Non-Compliance with the 2020 Target of the Waste Framework Directive and to Follow-up Phase 1 and 2 of the Compliance Promotion Exercise, Good practice appendix; Data appendix;
- Implementation reports are also published for **specific waste streams**. For this information, **please visit the "Implementation" section** on the following pages:

Battery and accumulators	Construction and demolition waste
End-of-life vehicles	Landfill waste
Mining waste	Packaging waste
RoHS	Sewage sludge
Ship recycling	Waste shipments
WEEE	

2.3. Hazardous waste

Hazardous wastes pose a greater risk to the environment and human health than non-hazardous waste and therefore require a stricter control regime.

The Waste Framework Directive provides additional labelling, record keeping, monitoring and control obligations from the "cradle to the grave", in other words from waste production to the final disposal or recovery. It also bans the mixing of hazardous waste with other categories of hazardous waste, and with non-hazardous waste. Furthermore, waste permit exemptions that may be granted to hazardous waste installations are more restrictive than those for installations dealing with non-hazardous wastes.

Link: guidelines on the separate collection of household hazardous waste

3. SCIP

As part of the implementation of the [EU's action plan for the circular economy](#) adopted in 2015, the revised Waste Framework Directive entered into force in July 2018[1]. In the context of the updated waste prevention measures to be taken by Member States, it gave **ECHA the task to develop a database** with information on articles containing substances of very high concern (**SVHCs**) on the Candidate List. New substances are regularly added to the Candidate List under REACH.

The SCIP database complements the existing communication and notification obligations for Candidate List substances in articles under REACH.

The European Commission adopted the [new circular economy action plan (CEAP)](#) in March 2020.

Links: [Understanding WFD - ECHA (europa.eu), Infographic and basic videos](#) and related [Use Case - Regulators: Supporting efficient and effective development, enforcement and evaluation of regulation](#) ; [Candidate List](#) ; [Candidate List substances in articles under REACH](#) ;[ECHA Guidance on substance in articles](#)

3.1. Targets and consumers' protection

The SCIP database has **three main objectives** ([see](#)):
1. Decrease the generation of waste containing hazardous substances by supporting the substitution of substances of concern in articles placed on the EU market.
2. Make information available to further improve waste treatment operations.
3. Allow authorities to monitor the use of substances of concern in articles and initiate appropriate actions over the whole lifecycle of articles, including at their waste stage.

In addition, under the REACH Regulation, **consumers have a "right to know"** about substances of very high concern in the products they buy.

Links: [Consumers and SCIP - ECHA (europa.eu)](#) and [Circular economy - ECHA (europa.eu)](#) and [Use your right to know - ECHA (europa.eu)](#)

3.2. Obligations

Companies supplying articles containing substances of very high concern (SVHCs) on the Candidate List at a concentration above 0.1% weight by weight (w/w) on the EU market have to submit information on these articles to ECHA, as from 5 January 2021.

However, the **SCIP database does not impose duties on waste operators.** It makes additional data available to them to support the waste sector.

In order to understand whether a supply chain actor is bound by the SCIP obligation, guidance for suppliers is available [here](#).

Links: [SCIP Database](#), [SCIP - ECHA (europa.eu)](#) and [SCIP database – what you need to know](#) and [Key tips for successful SCIP notifications](#) and [Waste operators - ECHA (europa.eu)](#) and

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[1] **Timeline:** *4 July 2018* - Revised Waste Framework Directive enters into force; *Early 2020* – Prototype of the database is released and *5 January 2021*- Duty for suppliers of articles to submit information to the database kicks in.

Suppliers of articles - ECHA (europa.eu)

Legislation: amendment on the SCIP database (included in the consolidated version)

Use cases: Waste sorting: Identification of articles potentially containing SVHCs in mixed plastic recyclate (Wood, 2019), Recyclers: Improved identification of SVHC through the (recycled) plastics value chain (Wood, 2019), Producers, distributers and Retailers: Supply chain management supporting substitution of SVHCs and product design for recyclability and EEE recyclers: Improved granularity/dismantling in consumer electronics recycling (Wood, 2019)

3.3. Support document / Guidance documents

Guidance is available from the Suppliers of articles - ECHA (europa.eu) page.

Requirements for SCIP notifications (October 2020)

Material categories for the SCIP database (October 2021)

Key tips for successful SCIP notifications (December 2020)

SCIP Database Notifications - How to prepare and submit a SCIP notification (May 2022)

Tools to refer to SCIP data already submitted to ECHA (December 2021)

Validation rules for SCIP notifications (October 2021)

Dissemination and confidentiality in the SCIP Database (October 2021)

* Available from https://echa.europa.eu/scip-support in EU languages.

Guidance on requirements for substances in articles (2017): https://echa.europa.eu/-/guidance-on-requirements-for-substances-in-articles

3.4. Tools to prepare and submit SCIP notifications

ECHA has developed IT tools to help duty holders prepare and submit information on articles that contain Candidate List substances at a concentration above 0.1 % weight by weight. The SCIP database contains three different elements to prepare and submit SCIP notifications.

Links: Tools to prepare and submit SCIP notifications; SCIP IT user group meetings and trial service

3.4.1. SCIP Format

ECHA has established a **harmonised IUCLID format** for preparing SCIP notifications.
The format is **XML-based** and defined taking into account the legal text of Article 9(1)(i) of the Waste Framework Directive, REACH Article 33(1), the Commission's "Non-paper on the implementation of Articles 9(1)(i) and 9(2) of the revised Waste Framework Directive 2008/98/EC", and ECHA's Guidance on requirements for substances in articles.

Links: SCIP Format - ECHA (europa.eu); SCIP Notification Format - SCIP data model; SCIP

Notification Format - Preparing a SCIP dossier and Validation rules for SCIP notifications

The information on Candidate List substances is provided in SCIP notifications by using a IUCLID reference substance entity. A reference substance can be created in IUCLID, but we recommend SCIP notification submitters, to use the Candidate List reference substances package provided by ECHA. The Candidate List reference substances package for SCIP notifications is aligned with each inclusion of additional substances of very high concern (SVHCs) to the official Candidate List.

Link: Candidate List Package - ECHA (europa.eu)

3.4.2. system-to-system submission of data

The system-to-system service (S2S) is available to support companies that wish to prepare and submit SCIP notifications in an automated way.

Link: System-to-system submission service - ECHA (europa.eu)

3.5. Dissemination and confidential business information (CBI)

Concerning the dissemination of SCIP data to be made publicly available- this information will be accessible to the general public on ECHA's website. The SCIP dissemination portal is under development and ECHA plans to arrange a webinar after its release in late 2021.

ECHA plans to make all submitted data available, except a) the link between the notification and its submitter (legal entity); b) specific names (e.g. brand, model) or identifiers of components (of complex objects). Concerning point b), ONLY identifiers and names of articles as such or identifiers of top-level articles (complex objects) will be disclosed.

For further information on this topic, please see Dissemination and confidentiality in the SCIP Database.

3.6. Q&As

In order to help stakeholders deal with SCIP obligations, ECHA has made available a series of questions and answers listed below.

3.6.1. Background

- Q&A 1604 - What is the SCIP database?
- Q&A 1605 - What are the objectives of the SCIP database and how can it contribute to a more circular economy?
- Q&A 1606 - Where is this new obligation for suppliers of articles coming from?
- Q&A 1618 - Is the obligation of providing information to the SCIP database an additional burden for duty holders?
- Q&A 1660 - Does submitting SCIP notifications mean that I am fulfilling the communication obligations under REACH Article 33(1)?
- Q&A 1661 - Do suppliers in the EEA have to make SCIP notifications?
- Q&A 1774 - Can a United Kingdom-based (including Northern Ireland) company submit a SCIP notification?
- Q&A 1795 - Does submitting SCIP notifications mean that I am fulfilling the notification obligation under REACH Article 7(2)?
- Q&A 1854 - Where can I find Q&As on SCIP data dissemination?

3.6.2. Duty Holders

- Q&A 1609 - Which suppliers of articles have the obligation to provide information to ECHA?
- Q&A 1610 - What if I am an articles supplier from outside of the EU?
- Q&A 1611 - Who is responsible for the enforcement of this legal duty?

3.6.3. Information requirements and confidentiality

- Q&A 1612 - What information needs to be communicated to ECHA?
- Q&A 1613 - Why is information requested at article level?
- Q&A 1614 - Will ECHA publish the data submitted to the SCIP database and what about confidential business information?

3.6.4. Reusing data

- Q&A 1696 - What is a simplified SCIP notification (SSN)?
- Q&A 1697 - What is 'referencing' in a SCIP notification?
- Q&A 1777 - Can companies belonging to a corporate group use SSN?

3.6.5. SCIP notification

- Q&A 1667 - What is the article category in the SCIP notification?

3.6.6. Scope

- Q&A 1607 - Which articles and substances are within the scope of the obligation?
- Q&A 1608 - Is there any exemption in the interest of defence?
- Q&A 1662 - Does packaging need to be notified to SCIP database?
- Q&A 1663 - Do medical devices fall under the SCIP notification obligation?
- Q&A 1695 - When do I need to update my SCIP notification?
- Q&A 1998 – How do I indicate that an SVHC is no longer present in my article?

3.6.7. Timelines

- Q&A 1617 - From which date should information be communicated to ECHA?
- Q&A 1668 - From which date should information be communicated to ECHA concerning substances added to the Candidate List after 5 January 2021?

3.6.8. Tools for preparing and submitting information

- Q&A 1615 - Which tools are available for preparing and submitting information to the SCIP database?
- Q&A 1616 - Who will perform validation checks on the information contained in my dossier?
- Q&A 1664 - How do I register a company to prepare and submit a SCIP notification?
- Q&A 1665 - Can a third party submit a SCIP notification on my behalf?
- Q&A 1666 - How do I update a SCIP notification?
- Q&A 1775 - How can I use the Candidate List package reference substance?
- Q&A 1776 - How can I search for my own SCIP numbers?
- Q&A 1778 - How can I count the number of components included in my IUCLID dossier?
- Q&A 1796 - Why can I not see the "Submit a Simplified notification" option in the Submissions portal?

3.6.9. Data dissemination and confidentiality – SCIP database

- Q&A 1839 – What is the SCIP database?
- Q&A 1840 – What information is displayed in a factsheet in the SCIP database?
- Q&A 1841 – Is the information provided in the SCIP database validated by ECHA?
- Q&A 1842 – How is the information of an article displayed in the SCIP database?
- Q&A 1844 – How can I search in the SCIP database?
- Q&A 1845 – Why can I find duplicates? Which one is correct?
- Q&A 1846 – Can I search using a SCIP number?
- Q&A 1847 – How do I use the pre-search for article, material or mixture category, and substance of concern?
- Q&A 1848 – I have successfully submitted a notification to the SCIP database but cannot find it. What can be the reason for this?
- Q&A 1849 – What does "Data pending" in a complex object component mean?
- Q&A 1855 – Where can I find Q&As on other SCIP subjects?
- Q&A 1993 – Where can I find information on a Candidate List of substances no longer present in a SCIP notification?
- Q&A 1999 – Where can I find information on the total number of SCIP notifications made?

3.7. SCIP news archive, events and SCIP emails alert

All news related to SCIP are listed here.
Finally, anyone can subscribe to receive notifications for specific content concerning SCIP here.