



IUCLID 6

Version 7.10 – October 2023 release webinar

21st November 2023



IUCLID 6 is developed by the European
Chemicals Agency in association with the OECD



Question and answers session

- Q&A using SliDo
- Lasts until 13:30 (EET) on the webinar day
- You can keep your questions anonymous
- We will answer your questions during the day
- All Q&As will be published on the webinar pages after the event

Joining as a participant?

iuclid2023



<https://echa.europa.eu/-/iuclid-6-october-2023-release>

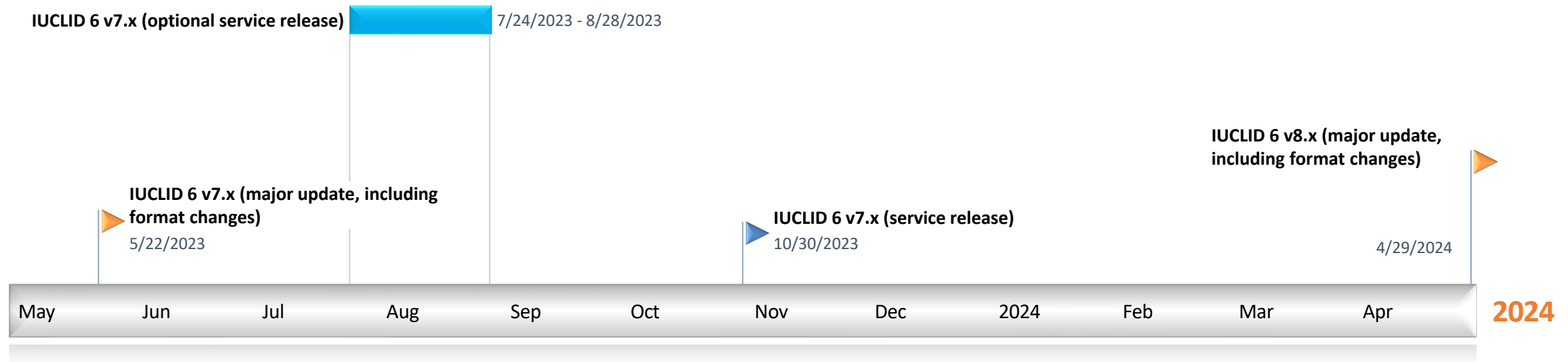
Agenda for today

-  Introduction to the release  Francois Le Goff
-  Performance improvements  Robin Allen
-  Latest IUCLID features  Eduardo Vencesla Jimenez
-  Filtering  Panja Lehtonen
-  Helpdesk tips and conclusion  Sevarine Sosingot

IUCLID October 2023 webinar



Release plan



Post format change release: known issues and patches

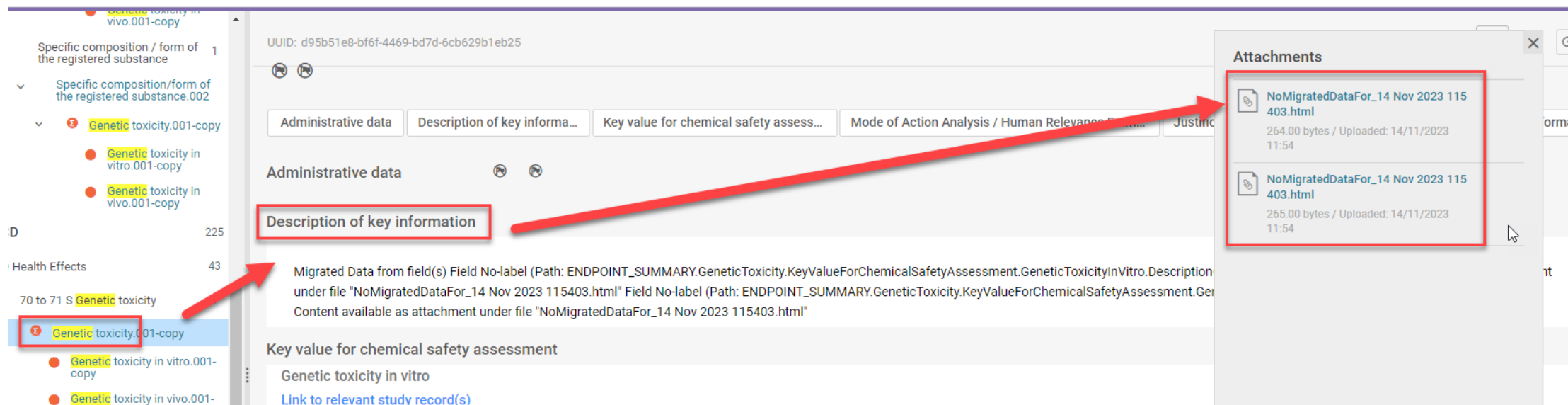
- After the release, identified issues have been communicated to the users who downloaded the affected versions and published on the IUCLID website:
 - https://iuclid6.echa.europa.eu/faq#known_issues
- Issues were fixed in subsequent patches:
 - v7.0.2 on 29.05.23
 - v7.0.4 on 12.06.23
 - v7.0.7 on 19.07.23
- See the release notes and also:
 - https://iuclid6.echa.europa.eu/faq#fixed_issues



Remaining known issues

Known issues

- › Q116. (since v7.0.1) An issue has been identified with the migration of specific fields in some endpoint summaries.
- › Q117. (since v7.10.1) Exported filtered dossiers cannot be imported to IUCLIDs.



The screenshot displays the IUCLID interface for a dossier record. The left sidebar shows a tree view of the dossier structure, with 'Genetic toxicity.001-copy' selected. The main content area shows the 'Description of key information' tab, which contains a text field with the following content:

Migrated Data from field(s) Field No-label (Path: ENDPOINT_SUMMARY.GeneticToxicity.KeyValueForChemicalSafetyAssessment.GeneticToxicityInVitro.Description under file "NoMigratedDataFor_14 Nov 2023 115403.html" Field No-label (Path: ENDPOINT_SUMMARY.GeneticToxicity.KeyValueForChemicalSafetyAssessment.GeneticToxicityInVitro.Description under file "NoMigratedDataFor_14 Nov 2023 115403.html" Content available as attachment under file "NoMigratedDataFor_14 Nov 2023 115403.html"

An 'Attachments' window is open on the right, showing two files:

- NoMigratedDataFor_14 Nov 2023 115403.html (264.00 bytes / Uploaded: 14/11/2023 11:54)
- NoMigratedDataFor_14 Nov 2023 115403.html (265.00 bytes / Uploaded: 14/11/2023 11:54)

Red arrows highlight the 'Description of key information' tab and the attachment files, illustrating the migration of data from the dossier to the attachments.

Release notes

- Details about the releases are maintained in the Release notes* published on the IUCLID website
- Release notes are updated each time a IUCLID release is shared with (a group of) users

*https://iuclid6.echa.europa.eu/documents/1387205/1809509/IUCLID_6_Release_Notes.pdf

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-  Performance improvements  Robin Allen
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-  Helpdesk tips and conclusion  Sevarine Sosingot

Performance improvements

Robin Allen



Performance improvements

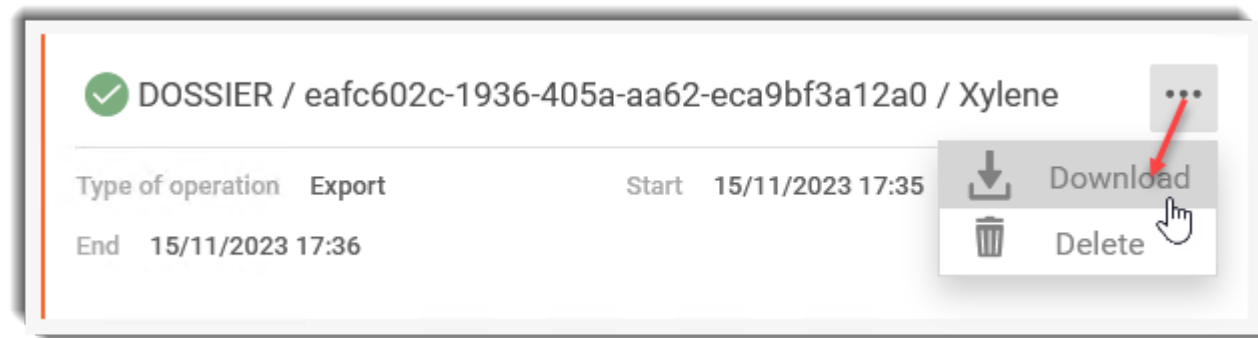
Export: faster downloads of large files

Export has been made more efficient by excluding the use of the browser cache. For example, users may notice that the following are now faster for very large files:

- *Export to i6z*



- *Download* from a background task



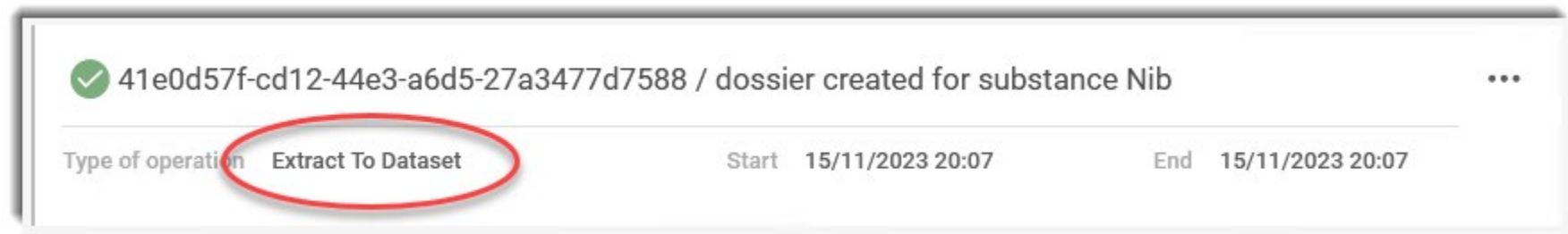
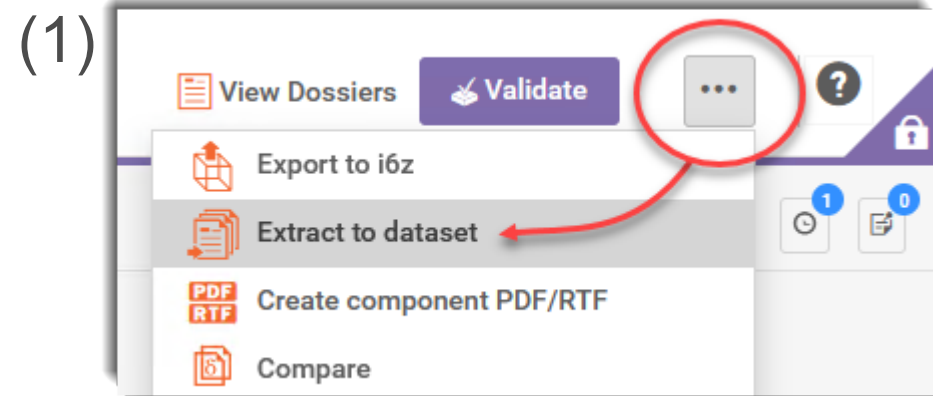
Performance improvements

Extract to dataset: Data written in the background

Extract to dataset is used to copy data from a dossier into a raw dataset. If the raw dataset does not already exist, it is created. The process has two parts:

- 1) Comparison of the data in a dossier with data in a raw dataset that has the same subject as the dossier: for example, a *substance*;
- 2) Copying data from the dossier.

Extract is now handled as a background task, allowing the user to continue using the IUCLID interface while it runs.



Performance improvements

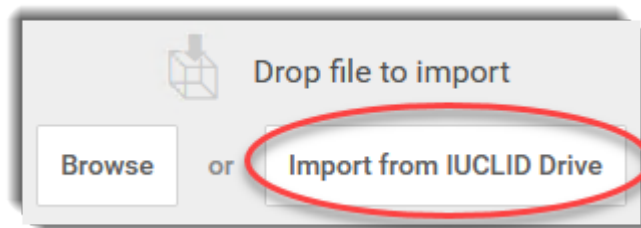


Import & Export: IUCLID Drive

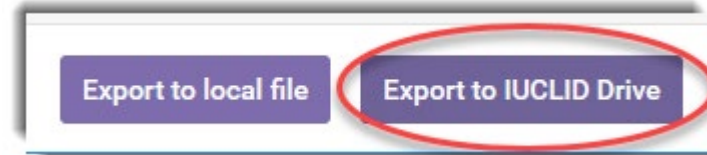
This is for use only where the import or export of large documents are too slow, and factors other than file size have been excluded. It assumes that the web browser limits the speed. It works by importing and exporting files via a file system instead of the web browser. Files are shared between the IUCLID user and the IUCLID Server, typically using a shared network folder. This folder *is* the *IUCLID Drive*.

IUCLID Drive is not visible in the interface by default. It must be configured by a IUCLID administrator, as described in the document [Installation and Update Instructions for IUCLID 6 Server](#) which is available on the IUCLID website. The IUCLID administrator works with the IUCLID users to provide the access.

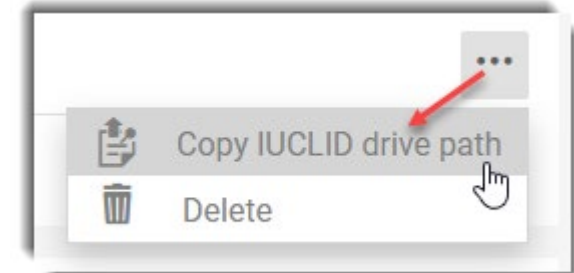
Import



Export



Background task for the Export



Performance improvements



Background tasks

To save space in the interface and in system storage, completed tasks are deleted automatically 10 days after completion.

A screenshot of a task completion notification in the IUCLID 6 interface. The notification is a light grey box with a green checkmark icon on the left. The text inside the box reads: 'c188628e-3f6b-4857-8f3b-79be79571bdb / TMP_Created from an imported dataset_DISS v4.3.0' followed by three dots. Below this, there is a horizontal line. Under the line, the text 'Type of operation Extract To Dataset' is on the left, and 'Start 02/11/2023 17:26' is on the right. At the bottom left, the text 'End 02/11/2023 17:27' is displayed, and this text is circled in red.

Latest IUCLID features

Eduardo Vencesla Jimenez



Retrieving data from ECHA repositories



Background

- ECHA is hosting a large database containing information on chemicals
- To facilitate the preparation of dossiers to be submitted to ECHA, access to the relevant information from IUCLID starts to be implemented in relevant working contexts

Search for Chemicals

Sulfuric Acid

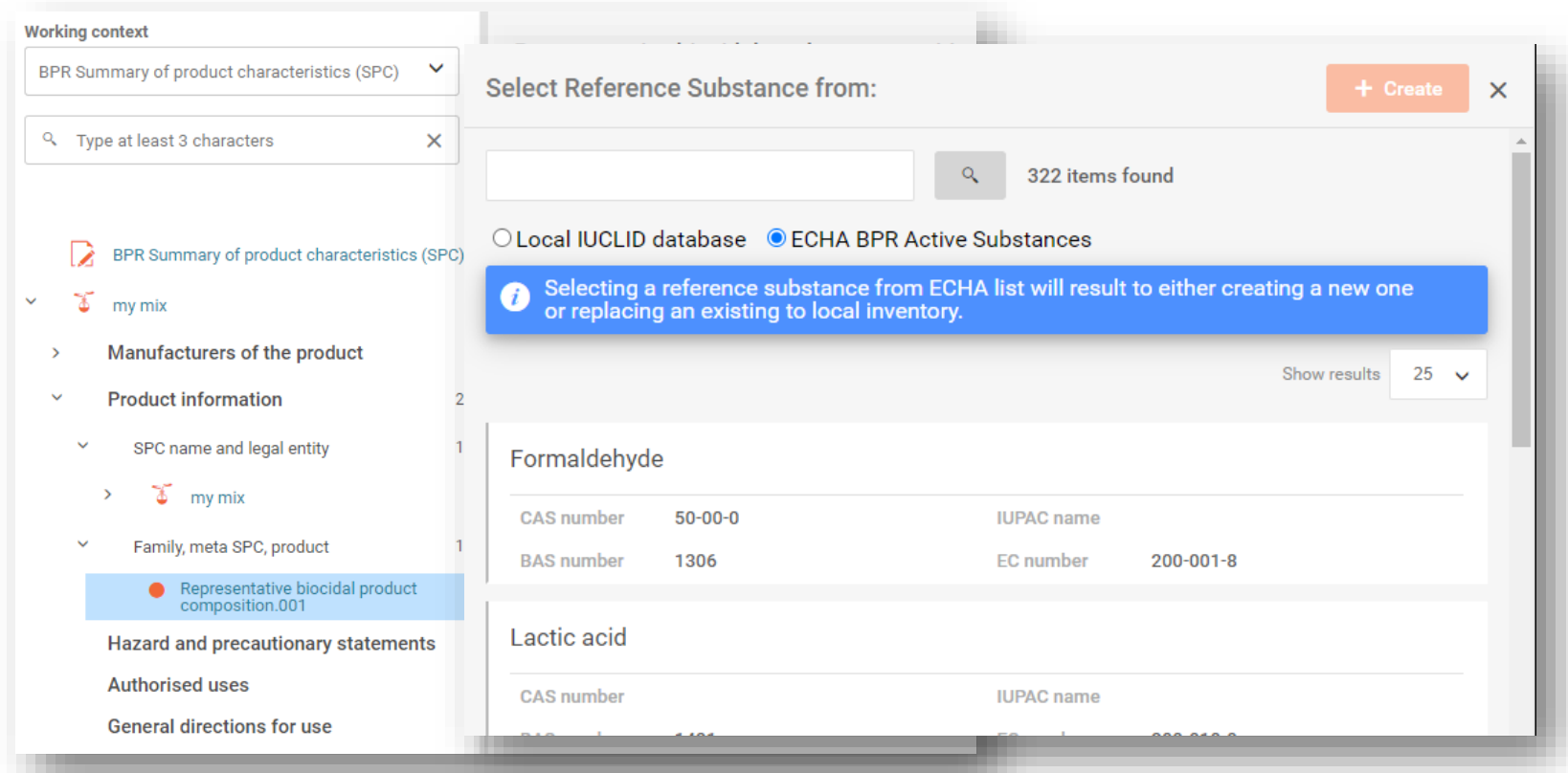
I have read and I accept the legal notice [ADVANCED SEARCH >](#)

Page 1 of 13 50 Items per Page Showing 1 - 50 of 648 results. -- First Previous Next Last --

Name	EC / List no.	CAS no.	BP
Benzenesulfonic acid, C16-24-alkyl derivs. IUPAC name: sulfuric acid	274-262-1	70024-67-8	
Potassium hydrogensulphate IUPAC name: sulfuric acid	231-594-1	7646-93-7	
Sulphuric acid IUPAC name: sulfuric acid	231-639-5	7664-93-9	
sulfuric acid compound with (S)-4-amino-N-((1R,2S,3S,4R,5S)-5-amino-4-(((2S,3R)-3-amino-6-(((2-hydroxyethyl)amino)methyl)-3,4-dihydro-2H-pyran-2-yl)oxy)-2-(((2R,3R,4R,5R)-3,5-dihydroxy-5-methyl-4-(methylamino)tetrahydro-2H-pyran-2-yl)oxy)-3-hydroxycyclohexyl)-2-hydroxybutanamide (2.5:1)	822-330-1	1380078-95-4	
Sulfuric acid copper(2+) salt (1:1), mixt. with boric acid (H3BO3) and chromic acid (H2Cr2O7) disodium salt	616-152-1	74871-69-5	
Sulfuric acid copper(2+) salt (1:1), monohydrate	600-326-9	10257-54-2	
Sulfuric acid copper(2+) salt (1:1), reaction products with 4-[(2,4-dinitrophenyl)amino]phenol, sodium hydroxide and sodium sulfide (Na2(Sx))	308-092-7	97862-46-9	
Sulfuric acid copper(2+) salt (1:1), reaction products with boric acid (H3BO3), sodium phosphate and zinc oxide	271-558-2	68585-51-3	
Sulfuric acid copper(2+) salt (1:1), reaction products with m-cresol, p-cresol, 1,5-naphthalenediamine and sodium sulfide (Na2(Sx)), reaction products with sodium sulfide (Na2S)	287-714-8	85567-02-8	

EU BPR Summary of Product Characteristics transition to IUCLID

- ECHA is preparing the phasing-out of the SPC Editor under the EU Biocidal Products Regulation and will start a transition to IUCLID
- Several improvements are introduced in IUCLID to facilitate the preparation of these dossiers in the future
- For example, users will be able to select a reference substance from *ECHA's BPR list of Active Substances*



Working context

BPR Summary of product characteristics (SPC) ▼

🔍 Type at least 3 characters ✕

📄 BPR Summary of product characteristics (SPC)

▼ my mix

➤ Manufacturers of the product

▼ Product information

▼ SPC name and legal entity

➤ my mix

▼ Family, meta SPC, product

● Representative biocidal product composition.001

Hazard and precautionary statements

Authorised uses

General directions for use

Select Reference Substance from: + Create ✕

🔍 322 items found

Local IUCLID database ECHA BPR Active Substances

i Selecting a reference substance from ECHA list will result to either creating a new one or replacing an existing to local inventory.

Show results 25 ▼

Formaldehyde

CAS number	50-00-0	IUPAC name	
BAS number	1306	EC number	200-001-8

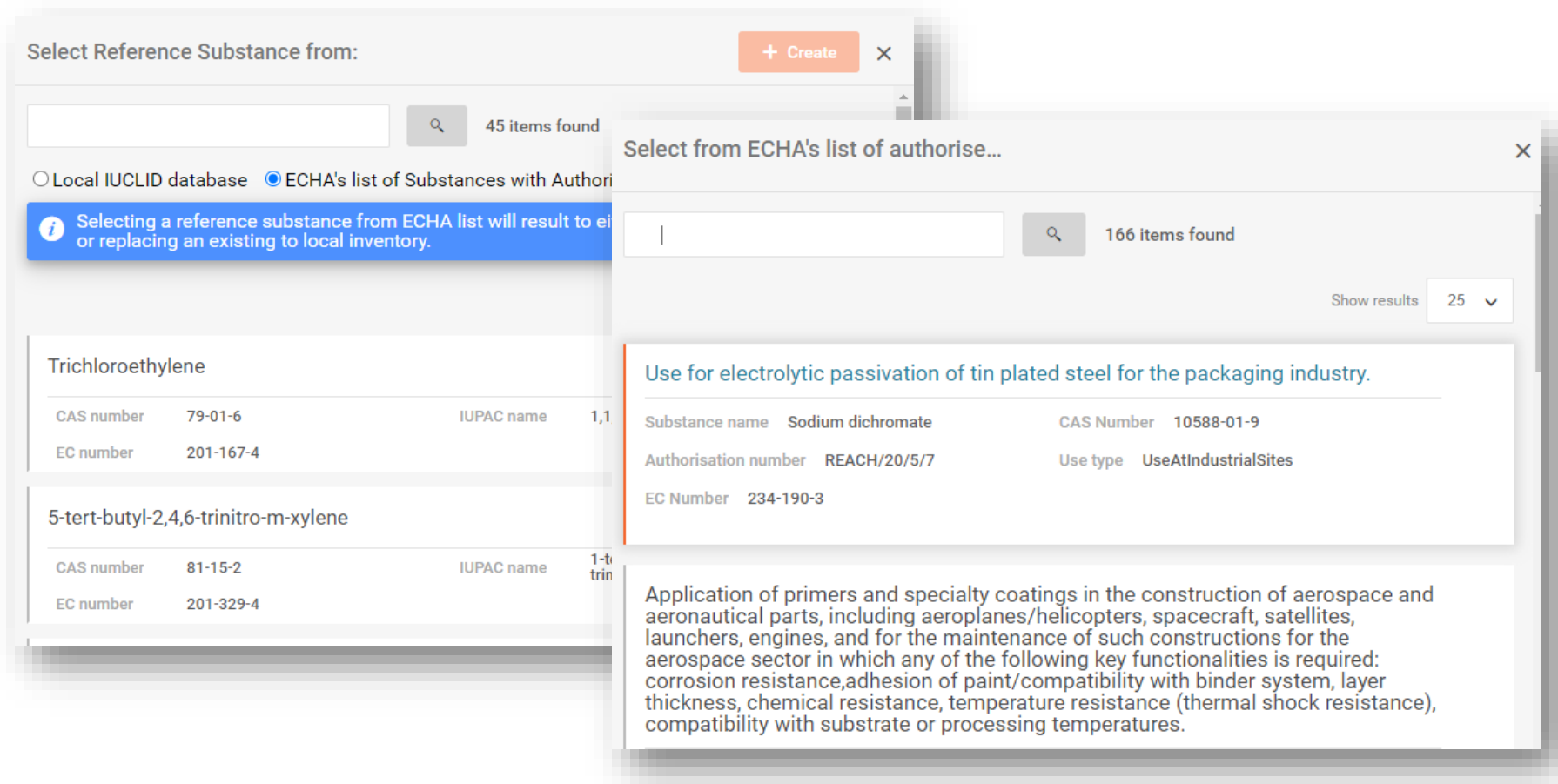
Lactic acid

CAS number		IUPAC name	
BAS number	1181	EC number	200-018-8

<https://echa.europa.eu/support/dossier-submission-tools/spc-editor>

Authorised substances and uses

- In the same way IUCLID users can select a reference substance from *ECHA's list of authorised substances* to prepare a *'Downstream user notification of authorised use'*
- IUCLID users will also have access to the list of authorised uses to provide information under section 2 of this working context *'Authorised uses notified'*



The screenshot displays the IUCLID interface for selecting a reference substance. The main window is titled "Select Reference Substance from:" and shows a search bar with "45 items found". Below the search bar, there are two radio buttons: "Local IUCLID database" (unselected) and "ECHA's list of Substances with Authorisation" (selected). A blue information banner states: "Selecting a reference substance from ECHA list will result to either adding a new substance or replacing an existing to local inventory." Below this, a table lists substances:

Trichloroethylene			
CAS number	79-01-6	IUPAC name	1,1,1-trichloroethane
EC number	201-167-4		

5-tert-butyl-2,4,6-trinitro-m-xylene			
CAS number	81-15-2	IUPAC name	1-tert-butyl-2,4,6-trinitrobenzene
EC number	201-329-4		

Overlaid on the right is a smaller window titled "Select from ECHA's list of authorised...". It shows a search bar with "166 items found" and a "Show results" dropdown set to "25". Below the search bar, there are two sections of authorised uses:

Use for electrolytic passivation of tin plated steel for the packaging industry.

Substance name	Sodium dichromate	CAS Number	10588-01-9
Authorisation number	REACH/20/5/7	Use type	UseAtIndustrialSites
EC Number	234-190-3		

Application of primers and specialty coatings in the construction of aerospace and aeronautical parts, including aeroplanes/helicopters, spacecraft, satellites, launchers, engines, and for the maintenance of such constructions for the aerospace sector in which any of the following key functionalities is required: corrosion resistance, adhesion of paint/compatibility with binder system, layer thickness, chemical resistance, temperature resistance (thermal shock resistance), compatibility with substrate or processing temperatures.

<https://www.echa.europa.eu/web/guest/du-66-notifications>

Classification and labelling inventory

Coming next









- To facilitate the preparation of CLP notifications, a link to ECHA repository of classification and labelling information will be established
- Available from section 2.1 of the substance dataset

CL Inventory

Notifications submitted/updated by: 15 November 2023

> CL Inventory

Page 1 of 4,578 50 Items per Page Showing 1 - 50 of 228,870 results. -- First Previous Next Last -->

Name	EC / List no.	CAS no.	Classification	Source
α,α,α-trifluoro-p-toluoyl chloride	206-342-9	329-15-7	Skin Corr. 1B 	Notified C&L 
N,N-diethyl-m-anisidine	202-134-7	92-18-2	Acute Tox. 4 	Notified C&L 
5,9-Anhydro-2,3,4,8-tetradecoxy-8-[[3-(2-hydroxy-1-methylpropyl)oxiranyl]methyl]-3-methyl-[2E,8[2S,3S(1S,2S)]]-L-talonon-2-enonic acid	603-145-3	12650-69-0	Skin Sens. 1 	Notified C&L 
Benzyl pivalate	218-251-1	2094-69-1	Not Classified	Notified C&L 
Tetrasodium 6-amino-4-hydroxy-3-[[7-sulphonato-4-[(4-sulphonatophenyl)azo]-1-	218-326-9	2118-39-0		Notified C&L 

<https://echa.europa.eu/information-on-chemicals/cl-inventory-database>

ECHA Repositories of:

- Active substances for SPC
- List of authorised substances
- List of authorised uses

New features in IUCLID:

- Using the *Copy data from* functionality with referenced linked entities
- Entering new *Inventory number* values in the Reference Substance form
- Opening the validation assistant report in a new tab
- Comparison report: Filtering only differences
- New filtering possibilities in the list of reports

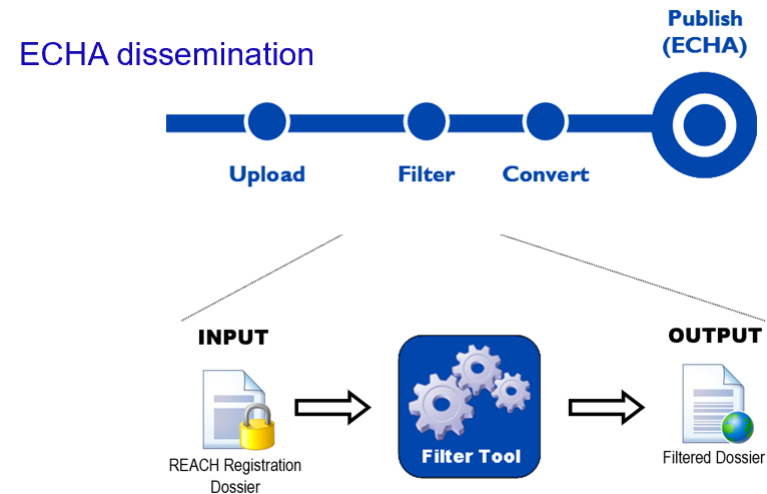
Filtering

Panja Lehtonen



IUCLID Filtering

- The process in which information not meant to be published is removed from a IUCLID dossier. The IUCLID *Filter Tool* is used
 - As the basis for the IUCLID plug-in: '*Dissemination preview*' to simulate what will be published from dossiers. The plug-in is delivered with IUCLID
 - ECHA uses the IUCLID Filter Tool in its automated dissemination pipeline for the publication of information on the ECHA website

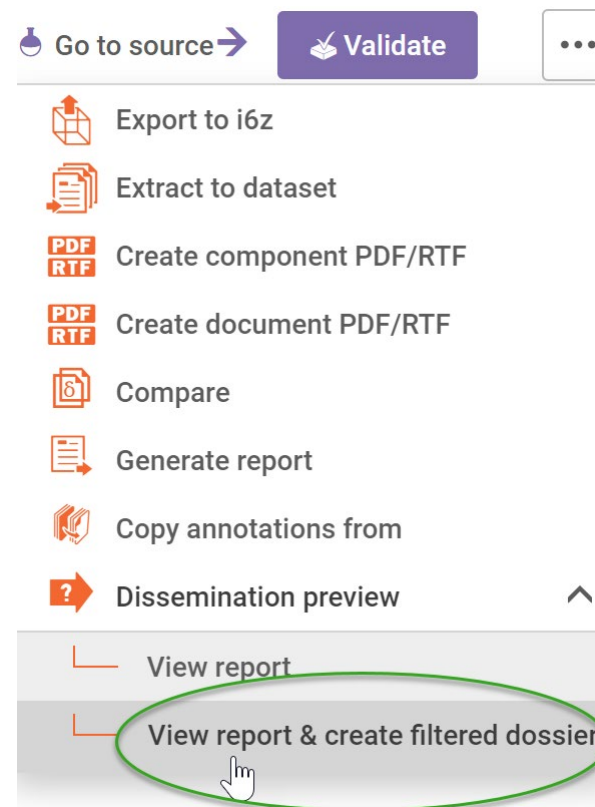


IUCLID filtering enhancements



The latest version of IUCLID brings

- Naming convention for filtered document names
- Document UUIDs are kept during filtering
- Apply the new dossier header defined for ECHA dissemination for REACH registrations



IUCLID filtering enhancements



Naming convention for filtered document names

before

Filtered MyDossier
67f3672d-714c-4df5-bdaf-7590c3c95fd2

Type at least 3 characters

- REACH Complete
- ▼ Unnamed
 - ▼ 1 General information 2
 - ▼ 1.1 Identification 1
 - ▼ Unnamed
 - Unnamed
 - ▼ 1.2 Composition 1
 - 70d312e5-f484-41cd-ba3c-1a24bcd25267

now

Filtered MyDossier
346c2bac-14db-4f5c-b254-c85b8a1c891a

Type at least 3 characters

- ECHA Dossier publication
- ▼ Substance
 - ▼ 1 General information 2
 - ▼ 1.1 Identification 1
 - ▼ Substance
 - Reference substance
 - ▼ 1.2 Composition 1
 - 001 | Registrant specific composition | MyREACHRegistration

- IUCLID now produces meaningful names for filtered dossier elements.

IUCLID filtering enhancements



Naming convention for filtered document names

Filtered MyDossier
fc9628bc-5544-4c34-b747-68a45a6372c0

Type at least 3 characters

- ECHA Dossier publication
- Substance
 - 1 General information 3
 - 1.1 Identification 1
 - Substance
 - Reference substance
 - 1.2 Composition 2
 - 001 | Registrant specific composition | MyREACHRegistration
 - 002 | Boundary composition
- 4 Physical and chemical properties 2
 - 4.1 Appearance / physical state / colour 2
 - S-01 | Summary
 - 001 | Key | Experimental study
 - Reference
 - Test material information

- Filtered records are renamed in a standardised way.

IUCLID filtering enhancements



Original document UUIDs are now preserved in a filtered dossier

MyDossier
d94bbc4f-1e41-4e94-8395-361e1b58a830

Type at least 3 characters

REACH Registration above 1000 tonnes

sub1k

1 General information* 2

1.1 Identification 1

sub1k

MyReferenceSubstance

1.2 Composition* 1

Composition.001

UUID: ef3b202d-72a2-41e9-9f00-7877e7c4fc9c

General Information Degree of pur

General Information

Name
MyREACHRegistration

Type of composition
legal entity composition of the substance

State / form
solid: bulk

Description
MyDescription

Justification for deviations

Attached description / justification

Attached document

Filtered MyDossier
346c2bac-14db-4f5c-b254-c85b8a1c891a

Type at least 3 characters

ECHA Dossier publication

Substance

1 General information 2

1.1 Identification 1

Substance

Reference substance

1.2 Composition 1

001 | Registrant specific composition | MyREACHRegistration

UUID: ef3b202d-72a2-41e9-9f00-7877e7c4fc9c

General Information Degree of pur

General Information

Name
MyREACHRegistration

Type of composition
legal entity composition of the substance

State / form
solid: bulk

Description
MyDescription

Justification for deviations

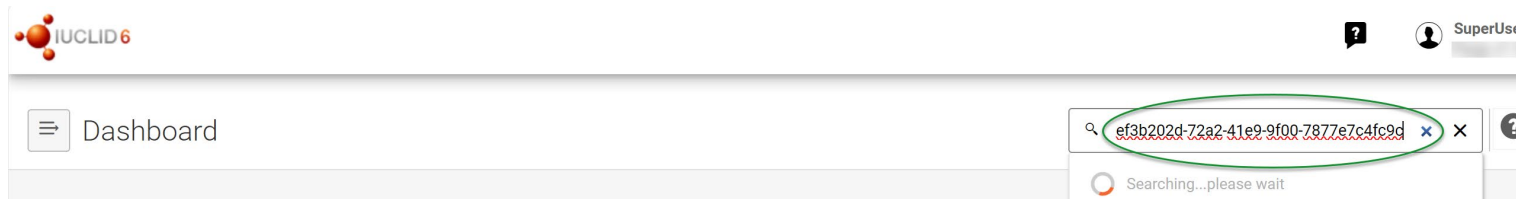
Attached description / justification

Attached document

IUCLID filtering enhancements



Original document UUIDs are kept – follow-up faster and clearer



Filtered MyDossier

2291dbea-15c7-440a-853e-4245a6994ff1

Type at least 3 characters

- ECHA Dossier publication
- Substance
 - 1 General information
 - 1.1 Identification
 - Substance
 - Reference substance
 - 1.2 Composition
 - 001 | Registrant specific composition | MyREACHRegistration

UUID: `ef3b202d-72a2-41e9-9f00-7877e7c4fc9c`

General Information Degree of purity

General Information

Name
MyREACHRegistration
Type of composition
legal entity composition of the substance
State / form
solid: bulk
Description
Justification for deviations
Attached description / justification
Attached document

The screenshot shows the search results page in IUCLID 6. The results are displayed in a table format. The UUID `ef3b202d-72a2-41e9-9f00-7877e7c4fc9c` is highlighted with a green oval in the results table.

Results			
Composition.001			
UUID	ef3b202d-72a2-41e9-9f00-7877e7c4fc9c	Substance name	sub1k
Dossier name	MyDossier	Dossier UUID	d94bbc4f-1e41-4e94-8395-361e1b5...
001 Registrant specific composition MyREACHRegistration			
UUID	ef3b202d-72a2-41e9-9f00-7877e7c4fc9c	Substance name	Substance
Dossier name	Filtered MyDossier	Dossier UUID	2291dbea-15c7-440a-853e-4245a69...
Composition.001			
UUID	ef3b202d-72a2-41e9-9f00-7877e7c4fc9c	Substance name	sub1k

IUCLID filtering enhancements



Filtered REACH registration dossiers will apply a dossier header defined for ECHA dissemination

Filtered MyDossier
2291d8ea-15c7-440a-853e-4245a6994ff1

View Dossiers Go to source →

Search: Type at least 3 characters

UUID: 2291d8ea-15c7-440a-853e-4245a6994ff1

Dossier Submission Type Dossier Subject **General information** Relevant dates

ECHA Dossier publication

Substance

General information

- Dossier type
- Dossier subtype
- Registration role
- Status
- Details

ECHA dissemination metadata injected in the IUCLID dossier in ECHA dissemination

Relevant dates

- Reference date
- Last updated on
- Status changed on

- Sections 'General information' and 'Relevant dates' contain metadata that will be injected in a filtered dossier, by ECHA, before publication

Helpdesk tips and conclusion

Sevarine Sosingot



Helpdesk work

- We have received around 700 questions so far in 2023
- The topics range from:
 - Upgrade and migration issues, installation issues,
 - Functionality problems or questions (e.g., Validation Assistant, dossier creation),
 - User management,
 - Import/export, performance issues and many more
- We receive questions from Industry (different company sizes) and National Authorities
- Helpdesk works together with our in-house experts (IUCLID team) and sometimes with external consultants to resolve difficult cases
- We gather the most frequent questions to create our FAQ page:
<https://iuclid6.echa.europa.eu/faq>
- We constantly improve our manuals based on the questions received



Tips when contacting the helpdesk



IUCLID Installation folder

- Ensure that installation folder is clean
 - No old or extra files
 - No updater folders (updater is its own unique software)
 - Clear naming convention for the installation folder (e.g. IUCLIDPRD, IUCLIDDEV, IUCLIDTST)

Upgrade and installation

- Provide screenshots of the error messages
- Details regarding the version, database type, Operating system
- Provide log files: see FAQ #39

Functionality questions (e.g. Validation Assistant, dossier creation etc)

- Provide screenshots of the error messages
- Details regarding the actions you were performing prior to the error message
- Provide log files: see FAQ 39

Import/export and Performance questions

- Provide screenshots of the error messages
- Details regarding the actions you were performing prior to the error message
- Provide the browser logs (i.e. HAR file)
- Provide the import file if possible (see FAQ 99)
- Provide log files: see FAQ 39

IUCLID Installation and Upgrade Manual

- Contains installation procedure
- **NEW: contains a checklist for updating IUCLID 6 server**
- Contains the upgrade procedure
- Updated for each release

IUCLID User manual

- Contains information on IUCLID functionalities
- Updated for each release

IUCLID FAQ page

- Contains frequently asked questions
- Questions are collected from helpdesk issues
- Updated regularly when there is a need

Contact us!



The screenshot shows the ECHA website header with the 'Contact' link highlighted in a red box. Below the header, the 'Contact' page is displayed, featuring a breadcrumb 'ECHA > Contact' and a 'Helpdesk support' section. Under 'Helpdesk support', there are three categories: 'Regulatory support', 'Technical support', and 'Additional support'. The 'Technical support' category is highlighted with a red box, and a green arrow points from it to the right.

ECHA
EUROPEAN CHEMICALS AGENCY

About Us **Contact** Jobs

LEGISLATION CONSULTATIONS INFORMATION ON CHEMICALS

ECHA > Contact

Helpdesk support

I am from a company or a member of the public and I need

- Regulatory support**
REACH, CLP, BPR, PIC, WFD (SCIP), POPs, DWD, EUON, EUCLEF ...
- Technical support**
IUCLID, REACH-IT, R4BP3, chemical data on ECHA website...
- Additional support**
Invoicing, access to documents, speaking requests, visits to ECHA...

The 'Technical support' screen is titled 'Technical support' and 'I need support with:'. It features a 2x2 grid of support options, each with an icon and a label. A green arrow from the 'Technical support' category in the previous screenshot points to this screen.

Technical support

I need support with:

 REACH-IT	 R4BP 3
 IUCLID 6	 IUCLID cloud

<https://echa.europa.eu/contact>

Question and answers session

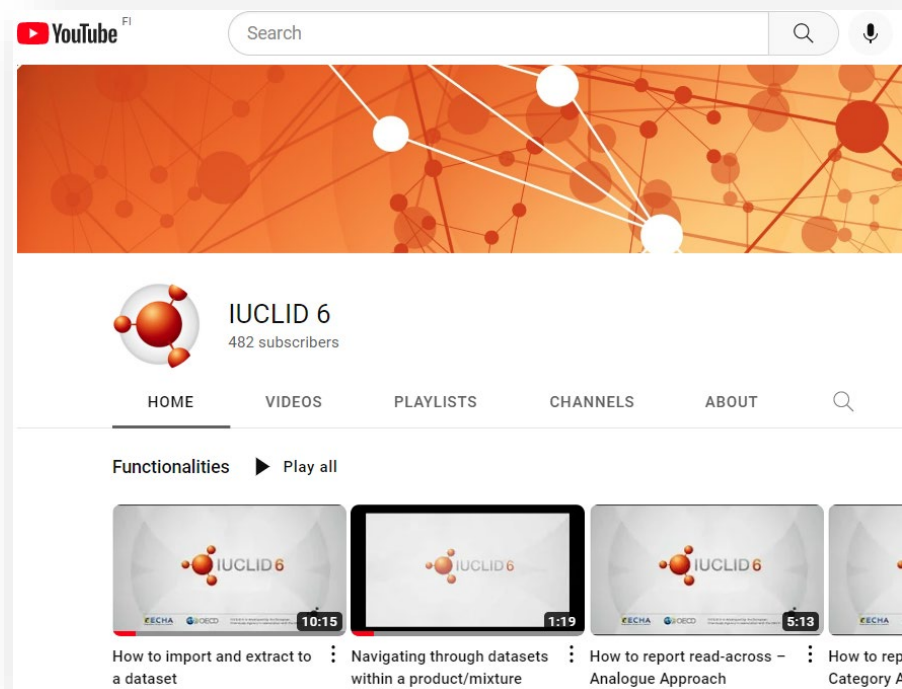
- Q&A using SliDo open until 13:30 (EET)
- You can keep your questions anonymous
- All Q&As will be published on the webinar pages in the upcoming days at <https://echa.europa.eu/webinars>

Joining as a participant?

iuclid2023



IUCLID in social media



IUCLID YouTube channel with video tutorials



IUCLID LinkedIn group with latest news about the tool



Thank you for your participation

echa.eu

iuclid6.echa.europa.eu

oecd.org/ehs/templates



IUCLID 6 is developed by the European Chemicals Agency in association with the OECD

