

## IUCLID 6.4

Biocides Day

29<sup>th</sup> of October 2019



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



## Content of the presentation


- Transition to the web user interface
- BPR dossier structure
- BPR dossier creation
  - ✓ mixture / product dataset
  - ✓ substance dataset
  - ✓ dossier creation
- Navigation through the BPR dossier
- IUCLID 6.4 format changes relevant to biocides
- Report generator
- Comparison tool
- Plans of further improvements
- Where to find more information


# Transition to the web user interface




# Transition to the web user interface



 Major release (6.3)  
Introduction of the web interface  
October 2018

 Service release (6.3.16)  
April 2019

 Major release (6.4)  
October 2019

 Service release (6.4.x)  
April 2020

 Major release (6.5)  
October 2020

The classic user interface remains available in the October 2019 release, however we recommend to use it only for the features not yet available in the web interface.

## Web user interface offers you the possibility to:

- Prepare the substances and mixtures/products datasets and create the BPR dossier
- Navigate through the BPR dossier (access dossier components, open attachments, read the fields) - **Chrome or Firefox should be used**
- Use most of the IUCLID functionalities (import, export, print, basic search)
- Compare dossiers
- Generate reports

We are aware of the need of some improvements, for example better print options for the BPR dossiers – we are working on that.

We kindly invite you to share your comments, remarks and requirements with us, so we could continuously improve IUCLID for you

## Using web user interface you can:

- work at the same time on different dossier components (product, substances) open in different tabs or windows
- search any text on the screen (Ctrl + F)
- bookmark an URL of each IUCLID document
- share the URL with other user within the same database
- zoom in / zoom out
- access your database through the browser

# Compatibility between IUCLID versions



## IUCLID 6.4

- You can import to IUCLID 6.4, your files from IUCLID 5.6, 6.1, 6.2 and 6.3
- I6z files exported from IUCLID 6.4 can be loaded in IUCLID 6.3 (all versions) if you use the '**Export to previous major version**' option in Export settings:

### Export to previous major version

Export to previous major version

### Export to previous major version

Export to previous major version

If you use older versions of IUCLID please visit IUCLID website for more information: <https://iuclid6.echa.europa.eu/download>

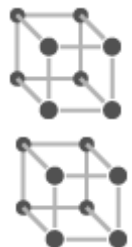
# BPR dossier structure





# Biocides submissions: BPR dossier structure

reference substances (constituents, impurities...)



active substance



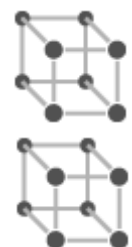
biocidal product or representative biocidal product



substances are linked in mixture / product section 2.3



BPR dossier is created based on a biocidal product dataset or representative biocidal product dataset



other substance(s), if needed

The main component of a BPR dossier is always a mixture/product, even if it is a dossier for the Article 95 or the technical equivalence. All substance datasets are linked in the composition section of the (representative) biocidal product.

## Substance datasets



BPR Active substance information

BPR Microorganisms

BPR Basic information (substance)

BPR Substance of concern

} function: active substance

You do not need to prepare all substances datasets in advance. You can create a new substance directly in the section 2.3 of the product dataset!

## Mixture/product datasets



BPR Active substance application (representative product)

BPR Biocidal product authorisation

BPR Basic information (mixture)

} relevant to  
dossier  
creation



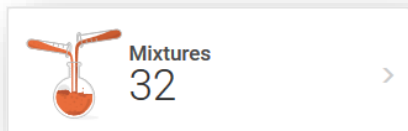
If the active substance is the main dossier component to be evaluated, for example for the Article 95 or the technical equivalence, use the dossier type:  
BPR Active substance application (representative product)

## BPR dossier creation

- mixture / product dataset
- substance dataset
- dossier creation



# Mixture/product dataset – starting point of a dossier



1. On the Dashboard click on 'Mixtures'

2. Click on '+ New mixture / product'

Dashboard > Mixture / Products

Mixtures

+ New mixture / product

3. Insert mixture / product name (which is name of the (representative) biocidal product that you create)

New mixture / product

Name

Biocidal Product

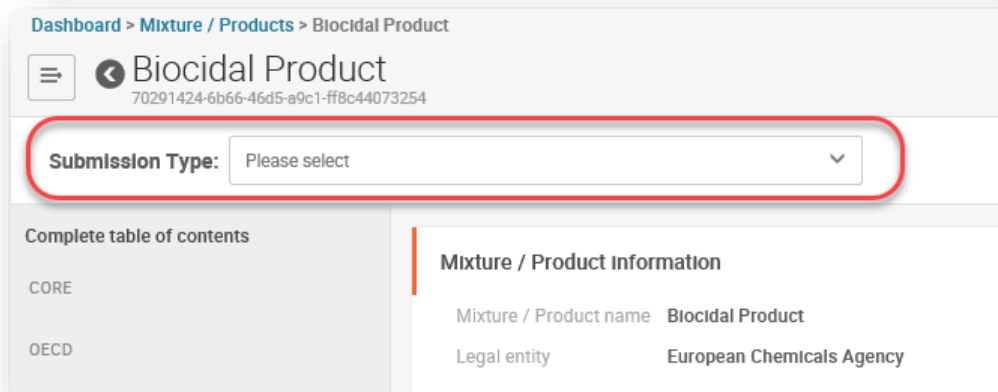
Close

Create

# Mixture/product dataset - TOC and dossier header



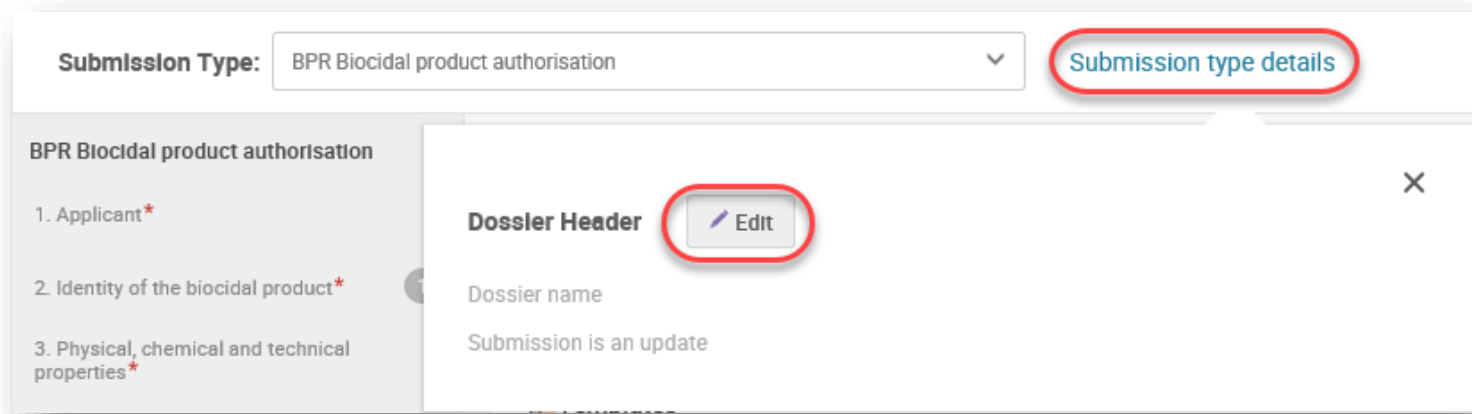
4. Select submission type of your product – one of two which are relevant for the dossier



- BPR Active substance application (representative product)
- BPR Biocidal product authorisation

**reminder**

5. You can edit the dossier header (or do it at the dossier creation step)



# Filling the data for the biocidal product

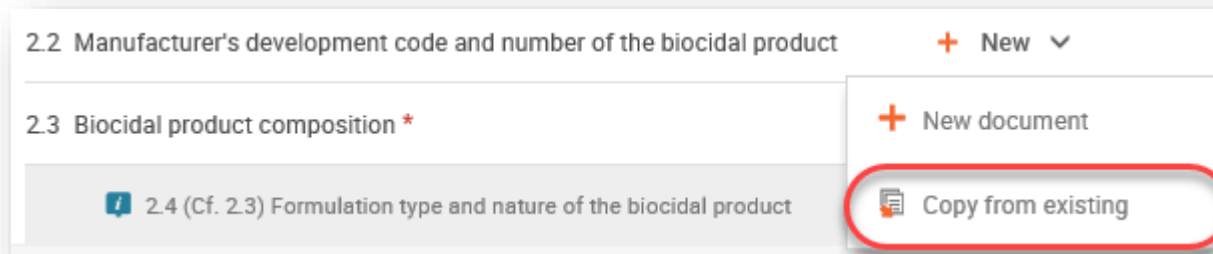


## How to fill data

- Reference section informs you where to fill data, it is not a link, so you need to go to the section indicated in the brackets and fill the data there



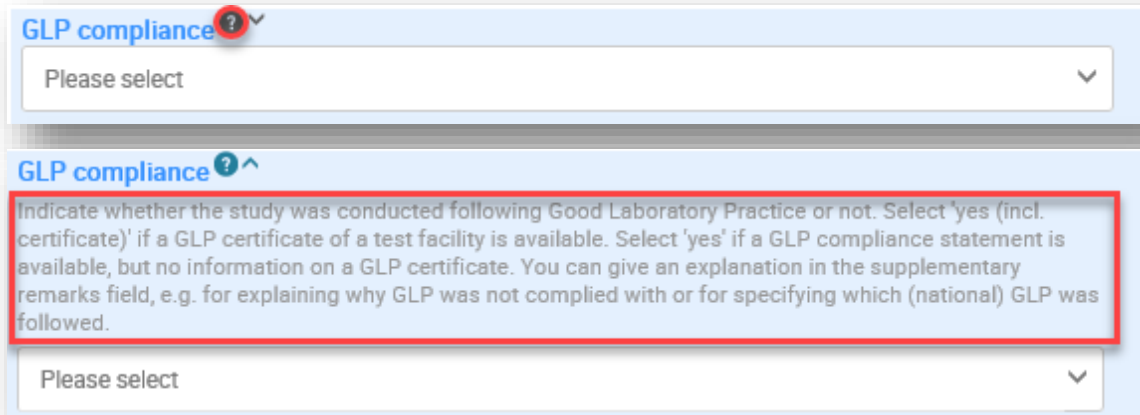
- You can reuse previously created documents, no matter if they have been created under a substance or mixture / product dataset




Once the submission type is selected, you can fill all relevant data. Use our tips to make it easier!


## How to fill data

- Use the help hidden under the question mark next to field



GLP compliance 

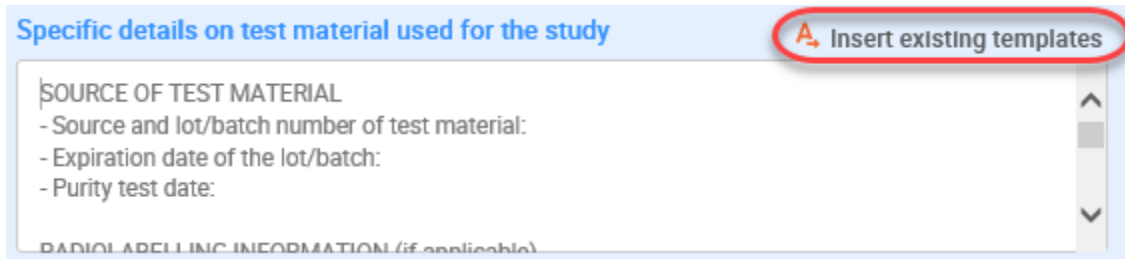
Please select

GLP compliance  ^


Indicate whether the study was conducted following Good Laboratory Practice or not. Select 'yes (incl. certificate)' if a GLP certificate of a test facility is available. Select 'yes' if a GLP compliance statement is available, but no information on a GLP certificate. You can give an explanation in the supplementary remarks field, e.g. for explaining why GLP was not complied with or for specifying which (national) GLP was followed.

Please select

- Use the predefined text template



Specific details on test material used for the study

 Insert existing templates

SOURCE OF TEST MATERIAL

- Source and lot/batch number of test material:
- Expiration date of the lot/batch:
- Purity test date:

RADIOLABELLING INFORMATION (if applicable)



...to the predefined fields

Overall remarks, attachments

**Overall remarks**  
None

**Attached background material** + New item

**Attached full study report** <sup>?</sup> v  
Select files

**Illustration (picture/graph)**  
None

Overall remarks, attachments

**Overall remarks**  
None

**Attached background material** + New item

1 **Attached document**  
background\_document.docx

**Remarks**  
This document describes...

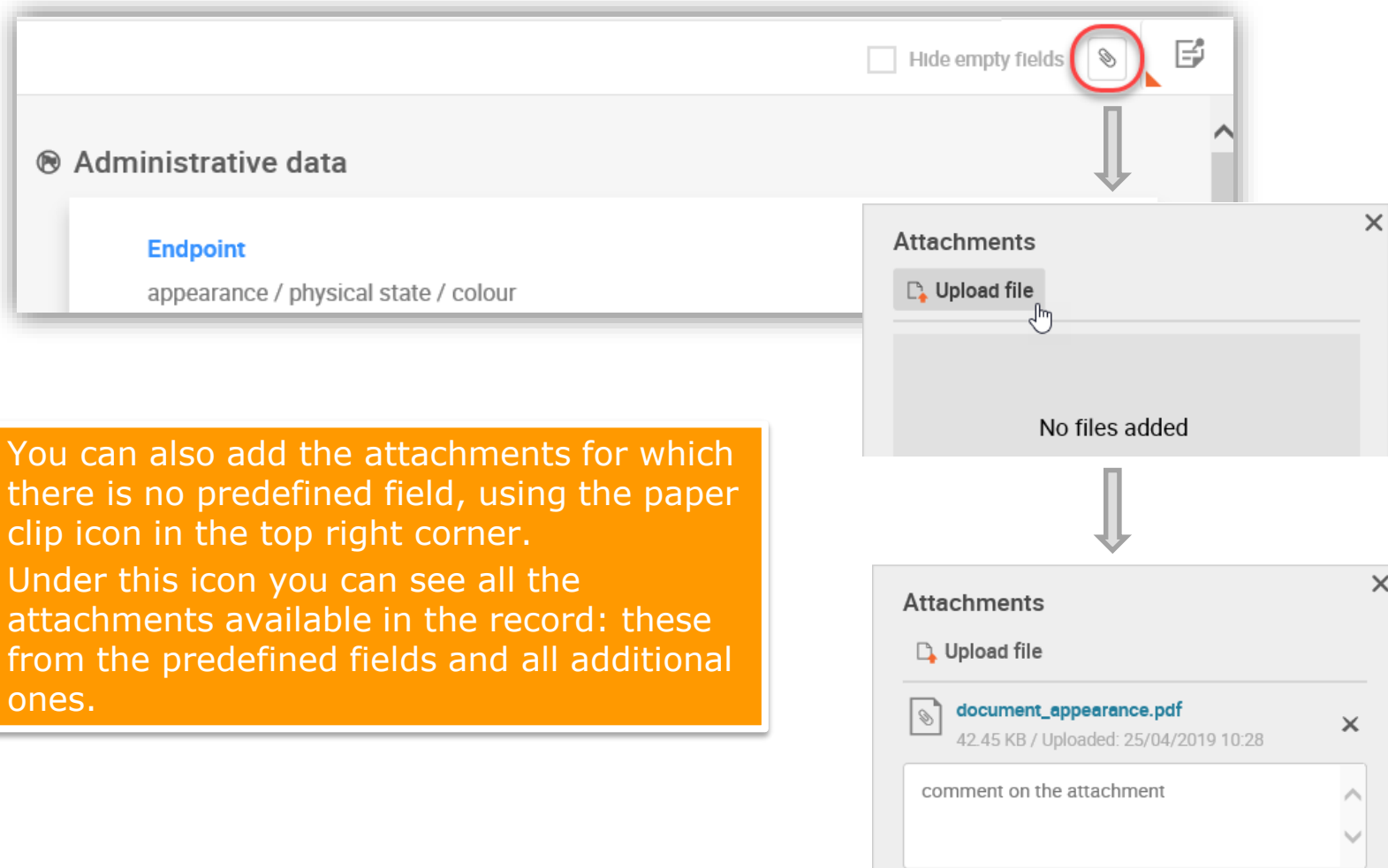
**Attached full study report**  
full\_study\_report.docx

**Illustration (picture/graph)**  
None

In the web user interface you can add the attachments in the predefined fields.

# Attachments

...to the whole endpoint /record



**Administrative data**

**Endpoint**  
appearance / physical state / colour


**Attachments**

Upload file

No files added

**Attachments**

Upload file

 **document\_appearance.pdf**  
42.45 KB / Uploaded: 25/04/2019 10:28

comment on the attachment

You can also add the attachments for which there is no predefined field, using the paper clip icon in the top right corner.

Under this icon you can see all the attachments available in the record: these from the predefined fields and all additional ones.

# Assign components of the biocidal product



2.3 Biocidal product composition \*

2.4 (Cf. 2.3) Formulation type and nature of the biocidal product

+ New ▾

- + New document ▾
- Endpoint summary
- Endpoint study record (Mixture)
- Copy from existing >

relevant to family, meta SPC

relevant to single product

Biocidal product composition.001

Hide empty fields

Administrative data None None

General information

Mixture/product name  
None

Trade names + New item

Brief description  
None

Formulation type  
None

Components

+ New item

Impurities

+ New item

Additives

+ New item

The crucial part of the correct BPR dossier is the composition section (2.3). In this section, you need to link all the components of the product, including the active substance.

You start by creating a new document in section 2.3.

Note: remember that 'Endpoint summary' is relevant only to family / meta SPC composition.

# Select a substance component



## 2.3 Biocidal product composition \*


 **Biocidal product composition.001**  
Last Modified:24/04/2019 13:44

**Components**

**+ New Item** ✕

**1** **Name** ? ▼

**+ Select** press Esc to close

- Mixture / Product
- Reference substance
- Substance** 

**Concentration range**  
None

**Remarks**  
None

**Substance of concern**


Click on '+ New item' under 'Components'.

To create (or link) the first substance component, click on the 'Name', then on '+Select' and finally on 'Substance' to open the search window.

# Search for a substance component



## 2.3 Biocidal product composition \*

 **Biocidal product composition.001**  
Last Modified:24/04/2019 13:44

### Select Substance + Create ×

 4 results found

<b>Hydrochloric acid</b>				24/04/2019 08:37
Inventory number	231-595-7	CAS number	7647-01-0	IUPAC name
Legal Entity	European Chemicals Agency			
<b>Hydrogen peroxide</b>				24/04/2019 08:39
Inventory number	231-765-0	CAS number	7722-84-1	IUPAC name
Legal Entity	AS Company			
<b>Hydrogen peroxide</b>				24/04/2019 08:38
Inventory number	231-765-0	CAS number	7722-84-1	IUPAC name
Legal Entity	European Chemicals Agency			

You can search a substance by:

- substance name
- EC number
- CAS number
- IUPAC name

Then it is enough to click on the selected substance to assign it.

# Create a substance component dataset



Select Substance

+ Create

Hydr

0 results found

If there is no required substance in your database you can create it without leaving mixture / product composition section.

- Click on '+ Create'
- Fill the basic data related to substance (there will be stored in the section 2.1 of the substance dataset)
- Save (remember that inserting data in fields 'Substance name' and 'Legal entity' activates 'Save' button).

Create Substance

Substance name\*  
Hydrogen peroxide

Public name  
None

Legal entity\*  
European Chemicals Agency

Third party  None  None  
None

Other substance identifiers + New item

#	Flags	Identifier	Identity	Country	Relation	Remarks	Action
---	-------	------------	----------	---------	----------	---------	--------

Contact persons + New item

Identification of substance  None  None

Reference substance  
None

Type of substance

Type of substance  
None

Origin  
None

Role in the supply chain  None  None

Manufacture

Save

# Open the substance component dataset



None  None

1 **Name**  
Hydrogen peroxide

**Function**  
None

**Typical concentration**  
None

**Concentration range**  
None

**Remarks**  
None

Substance of concern

Generic product identifier (GPI)

Save



Edit Substance Go to source

This IUCLID information is a re-usable data element. Note that any modification will impact all associated data.

**Hydrogen peroxide**

**Substance name\***  
Hydrogen peroxide

**Public name**  
None

**Legal entity\***  None  None  
European Chemicals Agency

**Third party**  None  None  
None

**Other substance identifiers** + New item

#	Flags	Identifier	Identity	Country	Relation	Remarks	Action
---	-------	------------	----------	---------	----------	---------	--------

**Contact persons** + New item

**Identification of substance**  None  None

**Reference substance**  
None

**Type of substance**

**Type of substance**  
None

**Origin**  
None

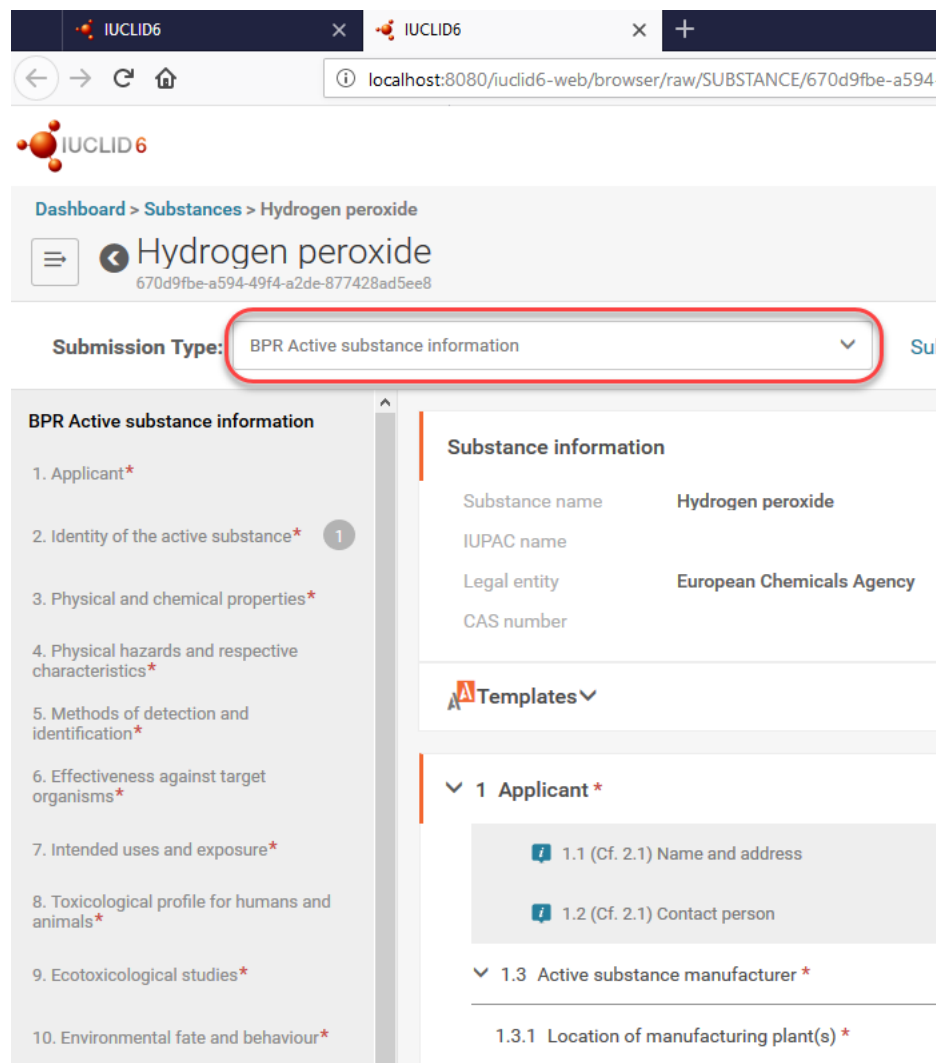
Save

At any time, you can come back to the substance and edit it.

1. Click substance name which is a link
2. Click 'Go to source' button in the top right corner of the sliding window to open substance dataset in a new tab.

# Edit substance dataset in a new tab

 Go to source →



Dashboard > Substances > Hydrogen peroxide

## Hydrogen peroxide

670d9fbe-a594-49f4-a2de-877428ad5ee8

Submission Type: BPR Active substance information

### BPR Active substance information

1. Applicant\*
2. Identity of the active substance\* 1
3. Physical and chemical properties\*
4. Physical hazards and respective characteristics\*
5. Methods of detection and identification\*
6. Effectiveness against target organisms\*
7. Intended uses and exposure\*
8. Toxicological profile for humans and animals\*
9. Ecotoxicological studies\*
10. Environmental fate and behaviour\*

### Substance information

Substance name	Hydrogen peroxide
IUPAC name	
Legal entity	European Chemicals Agency
CAS number	

### Templates

1 Applicant\*

- 1.1 (Cf. 2.1) Name and address
- 1.2 (Cf. 2.1) Contact person
- 1.3 Active substance manufacturer\*
  - 1.3.1 Location of manufacturing plant(s)\*

3. In the substance dataset which opened in the second tab, select correct submission type, so the correct table of contents can be displayed on the left



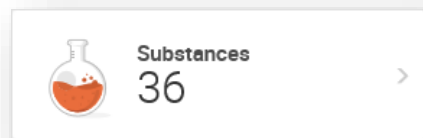
# Select submission type



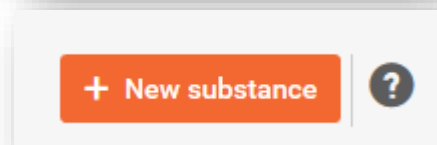
The screenshot shows a web browser with two tabs. The active tab is 'tab 2' showing the IUCLID 6 interface. The breadcrumb trail is 'Dashboard > Substances > Hydrogen peroxide'. The main heading is 'Hydrogen peroxide' with the ID '670d9fbe-a594-49f4-a2de-877428ad5ee8'. Below this, the 'Submission Type' is set to 'BPR Active substance information'. A 'Submission type details' link is visible. A pop-up window titled 'Dossier Header' is open, containing an 'Edit' button and the following fields: 'Dossier name', 'Tonnage band', and 'Joint submission'. A red circle with an 'X' is drawn around the close button in the top right corner of the pop-up window. On the left side of the pop-up, a list of requirements is shown: '1. Applicant\*', '2. Identity of the active substance\*' (with a '1' in a grey circle next to it), and '3. Physical and chemical properties\*'.

4. When the submission type is selected, the pop up window 'Dossier header' appears. You need to close it because the BPR dossier is created always based on mixture / product dataset, so you do not edit a dossier header for substance.
5. You can now work on both datasets: product (in the first tab) and substance (in the second tab).

# Alternative way of creating new substance



1. On the Dashboard click on 'Substances'



2. Click on '+ New substance'

A dialog box titled 'New substance' with a close button (X) in the top right corner. It contains a text input field labeled 'Name' with the placeholder text 'Active substance'. At the bottom, there are two buttons: 'Close' and 'Create'.

3. Insert substance name

All following steps of editing substance remain the same, and once the substance dataset is saved, it can be linked in section 2.3 of the mixture / product composition.

You can access any substance through the mixture / product composition to edit it further.

# Dossier creation – editing dossier header



Once the biocidal product dataset is ready, there is time to create a dossier. The 'Create dossier' button is active only if the submission type is selected.

Dashboard > Mixture / Products > Biocidal Product

Biocidal Product  
bcf766e2-df99-4c0d-8af7-0a17a68f12b2

Submission Type: BPR Biocidal product authorisation

Submission type details Validate Create dossier

BPR Biocidal product authorisation

Dossier name (given by user)  
Biocidal Product

Dossier submission remark  
None

Specific submissions

The submission is an update

Create dossier ...

You edit Dossier header information; if there were any data inserted earlier, they will be displayed as well, and you can modify them.

# Dossier creation – advanced settings



Create dossier



### Dossier Settings

Include legal entity

**Detail level of document fields**

- Detailed fields (e.g. needed for robust endpoint summaries)
- Fields marked "confidential"

**Flags for confidentiality**

Select information to be included\*

- Data for which a confidentiality flag may be set, but it is not.
- CBI
- IP
- no PA

**Flags for regulatory programme**

Select information to be included\*

- No regulatory purposes
- EU: BPD or EU: BPR
- EU: CLP
- EU: PPP
- EU: REACH
- CA: CEPA
- CA: PCPA
- JP: CSCL
- OECD: CoCAP
- US: EPA HPVC
- US: FIFRA
- US: TSCA
- other:

**Included Annotations**

- Include annotations

Select documents to be included

### Advanced settings

**Document selection**

**Entities**

- In situ - peraceti... >
- hydrogen peroxi... >
- stabiliser >
- glycerol >
- reaction by prod... >
- reaction by prod... >
- 1,3-diacetyloxy... >

**Documents**

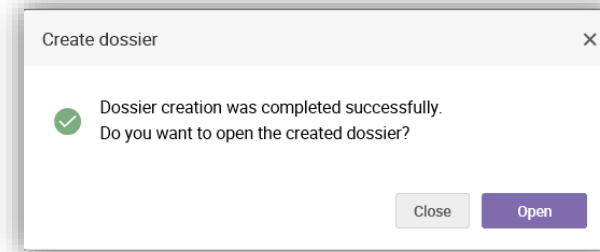
- In situ - peracetic acid
  - 2 Identity of the biocidal product
    - 2.3 Biocidal product composition
      - Composition of technical AS generated i
      - Composition of technical AS generated i
      - Initial composition before precursors sta
      - Disinfection by products.001
      - Disinfection by products.002
  - 4 Physical hazards and respective characteristics
    - 4.1 Explosiveness
      - Explosiveness.001

Under the '...' icon you approach the dossier settings, where you can decide for example whether the legal entity, or fields marked as confidential should be included. You can also select documents (records) to be included/excluded.

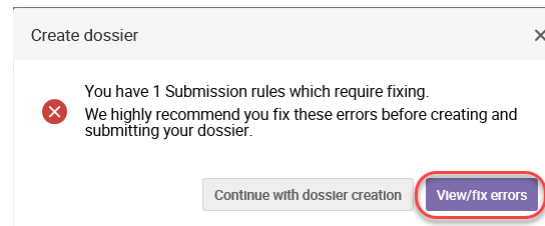
# Dossier creation – validation



During the dossier creation existing validation rules are checked automatically, and if there is no failure, the message appears saying that the dossier has been created successfully.



If there is a failure, you are informed about what is the failure reason. It is recommended to fix the problem before the dossier is created, even if the continuation with dossier creation is possible.



**Validation assistant report** Validated entity: microorganism product Validation time: 13/05/2019 15:46 Validation scenario: BPR Biocidal product authorisation Re-validate Edit dossier settings ×

**Submission checks 1** **Quality checks 0**

Business rules 1 **Completeness check rules 0** Total rules executed 1

**Biocidal product composition.001** Business rule (BPR001)  
2.3 Biocidal product composition Components, (1)

The selected Biocidal Product dataset is not valid for creating BPR Biocidal product authorisation dossier. Valid Biocidal Product dataset for this dossier type must contain at least one component with function 'active substance' and a linked substance dataset. If there is more components with function 'active substance', a relevant substance or mixture dataset must be linked to each one.

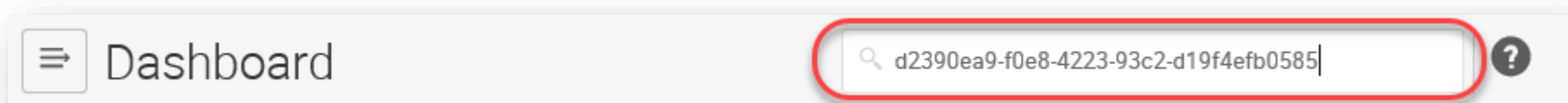
# Navigation through the BPR dossier



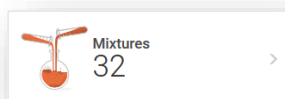
# Search for a dossier



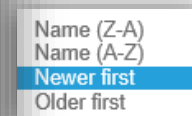
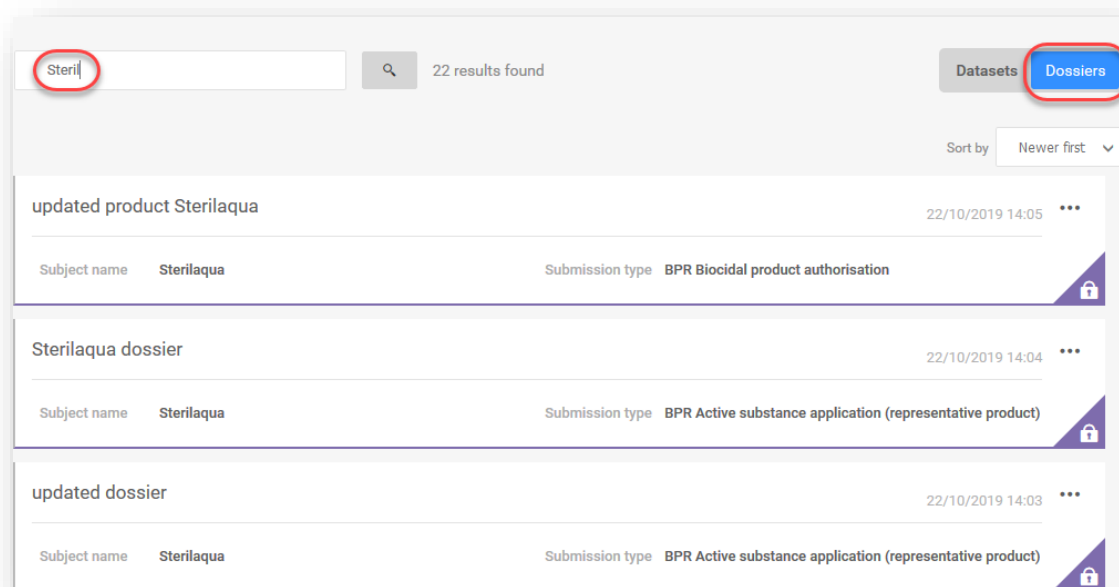
- Search by dossier UUID



- Search by mixture/product name (Mixtures widget)

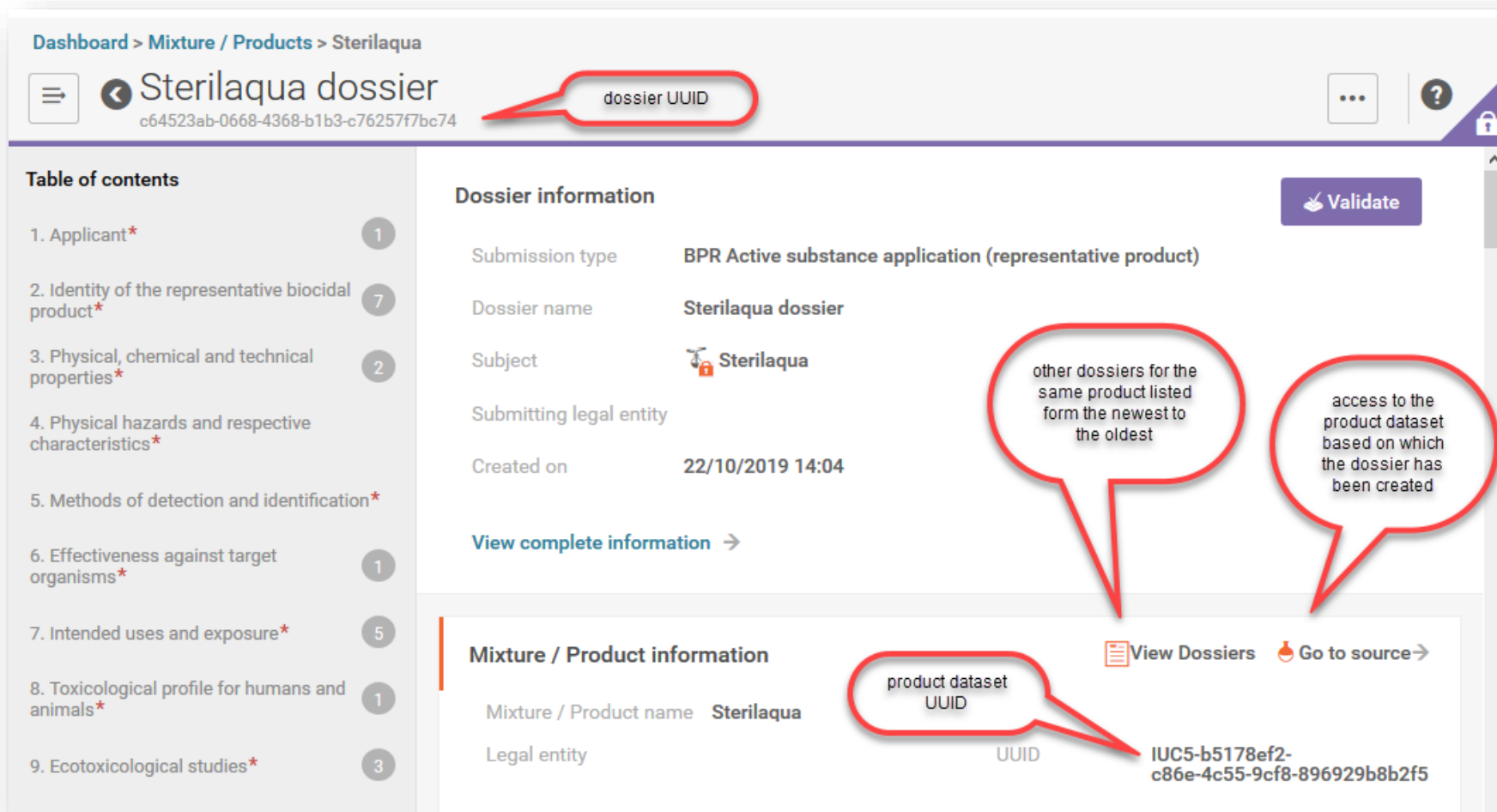


You can search for a dossier using its UUID or searching by Mixture/product name



# Navigation through the BPR dossier

When you open the dossier...



**Dashboard > Mixture / Products > Sterilaqua**

**Sterilaqua dossier**  
c64523ab-0668-4368-b1b3-c76257f7bc74

**dossier UUID**


**Table of contents**

- 1. Applicant\* (1)
- 2. Identity of the representative biocidal product\* (7)
- 3. Physical, chemical and technical properties\* (2)
- 4. Physical hazards and respective characteristics\*
- 5. Methods of detection and identification\*
- 6. Effectiveness against target organisms\* (1)
- 7. Intended uses and exposure\* (5)
- 8. Toxicological profile for humans and animals\* (1)
- 9. Ecotoxicological studies\* (3)

**Dossier information** [Validate](#)

Submission type: BPR Active substance application (representative product)

Dossier name: Sterilaqua dossier

Subject:  Sterilaqua

Submitting legal entity:

Created on: 22/10/2019 14:04

[View complete information](#) →

**Mixture / Product information**

Mixture / Product name: Sterilaqua

Legal entity: **product dataset UUID** [View Dossiers](#) [Go to source](#) →

UUID: IUC5-b5178ef2-c86e-4c55-9cf8-896929b8b2f5

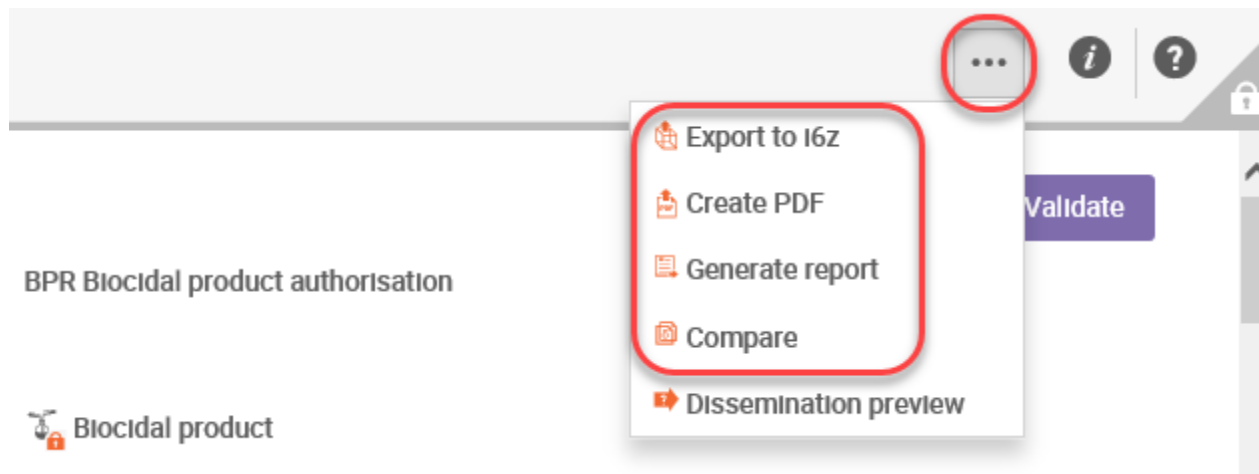
**other dossiers for the same product listed from the newest to the oldest**

**access to the product dataset based on which the dossier has been created**



# Actions on the BPR dossier

- Validate
- Export
- Print to pdf
- Generate report
- Compare two dossiers



# Access to the dossier component

2.3 Biocidal product composition \* 1

- Biocidal product composition.001
- 2.4 (Cf. 2.3) Formulation type and nature of the biocidal product


3 Physical, chemical and technical properties \* 1


4 Physical hazards and respective characteristics \*

### Components

Component flag	
Name	Hydrogen peroxide
Function	active substance
Typical concentration	ca. 1 % (w/w)

## Hydrogen peroxide

 Open component →

 Go to source → X

**Substance name**  
Hydrogen peroxide

the substance dataset opens in a view mode

the substance dataset opens, can be edited and used in other mixture/product

From the biocidal product composition section, inside of a dossier, you can open the substance dataset as a dossier component, or, you can open this substance dataset, edit it, and use it again.

# IUCLID 6.4 format changes relevant to biocides



# IUCLID 6.4 format changes (biocides)



## Section 1.3.1 Location on manufacturing plant(s):

- Manufacturing plant is linked to the product (product composition) within the biocidal product family

● Location of manufacturing plant(s).001

Location of manufacturing plant(s).001

Site  
Factory

Remark  
None

Manufacture / own use(s)

Related manufacture / own use  
None

Related mixture/product

Specify to which mixture/product(s) it applies:  
[+ Select](#)

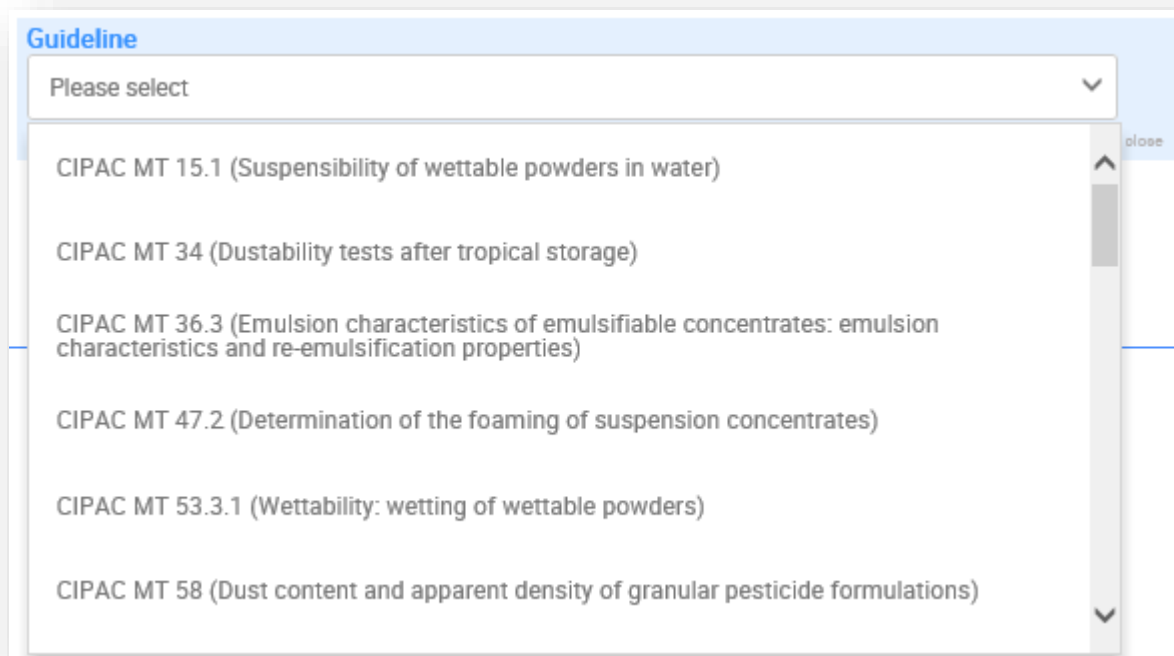


Select existing document + Create ×

Biocidal product composition.001	24/10/2019 15:10
Mixture / Product Disinfectant Product	
Biocidal product composition.004	24/10/2019 15:09
Mixture / Product Disinfectant Product	

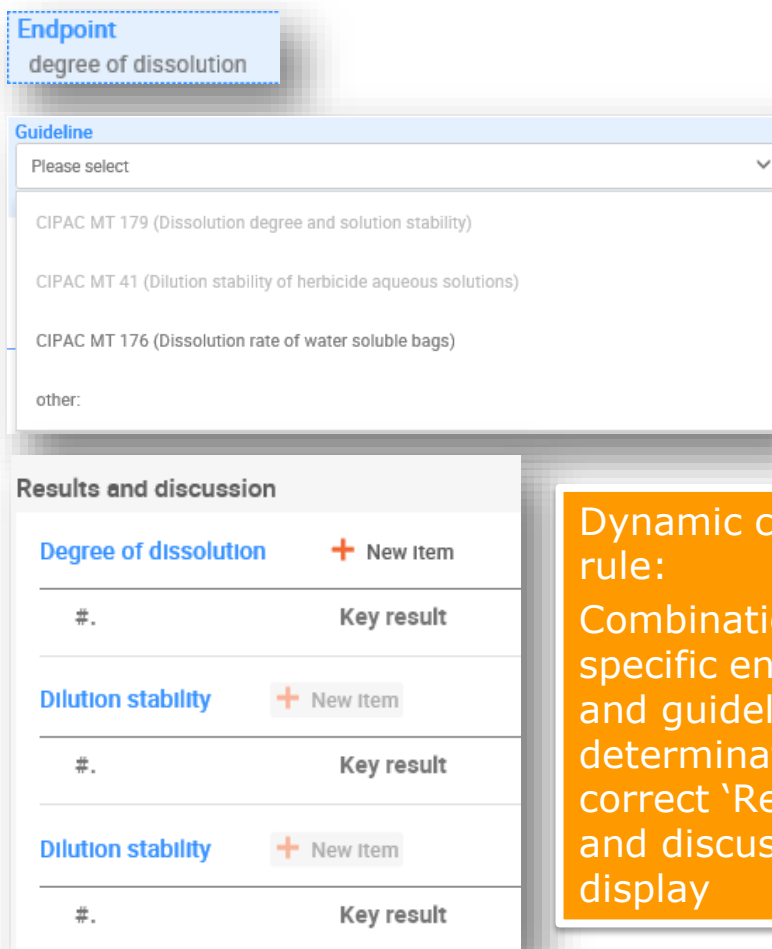
## Section 3.5 Technical characteristics of the biocidal product

- Field 'Type of method' which contained only phrase 'other:' replaced by the list of the relevant methods in the 'Guideline' picklist



## Section 3.7 Degree of dissolution and dilution stability

- New document for mixture/product
- Methods covered:
  - ✓ CIPAC MT 176 Dissolution rate of water soluble bags
  - ✓ CIPAC MT 41 Dilution stability of herbicide aqueous solutions
  - ✓ CIPAC MT 179 Dilution stability and solution stability
- Dynamic content – specific 'Result and discussion' fields provided for each method



The screenshot displays the IUCLID 6.4 interface for defining dynamic content. It shows a selection of endpoints and guidelines, and a table of results and discussion fields.

**Endpoint**  
degree of dissolution

**Guideline**  
Please select  
CIPAC MT 179 (Dissolution degree and solution stability)  
CIPAC MT 41 (Dilution stability of herbicide aqueous solutions)  
CIPAC MT 176 (Dissolution rate of water soluble bags)  
other:

**Results and discussion**

Degree of dissolution + New Item	
#.	Key result

**Dilution stability + New Item**

#.	Key result

**Dilution stability + New Item**

#.	Key result

Dynamic content rule:  
Combination of specific endpoint and guideline determinates the correct 'Result and discussion' display

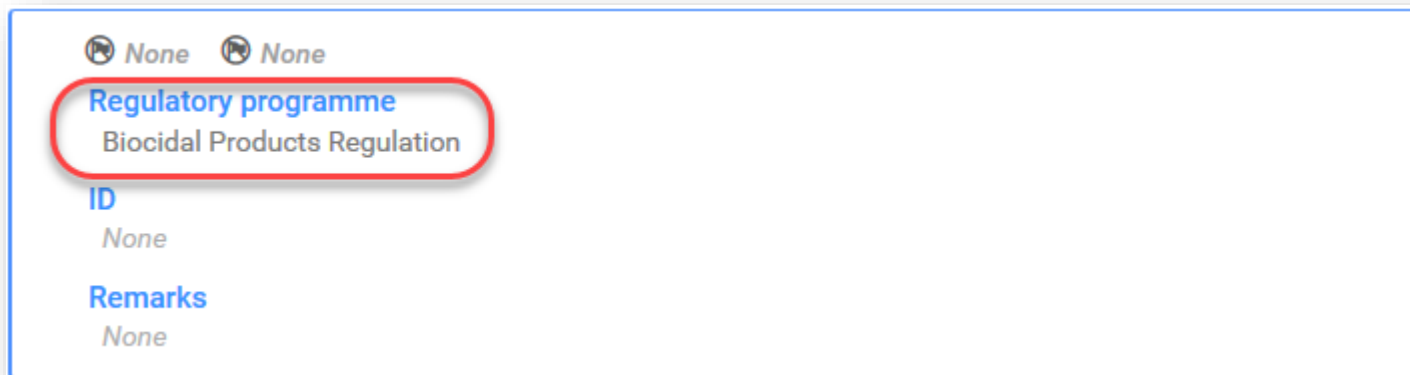
# IUCLID 6.4 format changes (biocides)



Section 2.2 Manufacturer's development code and number of the biocidal product

Section 2.3 Manufacturer's development code number(s)

- This section became optional in all submission types
- Biocidal Products Regulation has been added to the 'Regulatory programme' picklist

A screenshot of a software interface showing a picklist for 'Regulatory programme'. The picklist is highlighted with a red rounded rectangle. The picklist contains the text 'Regulatory programme' and 'Biocidal Products Regulation'. Below the picklist, the 'ID' field is set to 'None' and the 'Remarks' field is also set to 'None'. At the top of the form, there are two 'None' options with a small icon to the left of each.

None None

**Regulatory programme**  
Biocidal Products Regulation

**ID**  
None

**Remarks**  
None

## Updated OHT templates used by different legislations including BPR

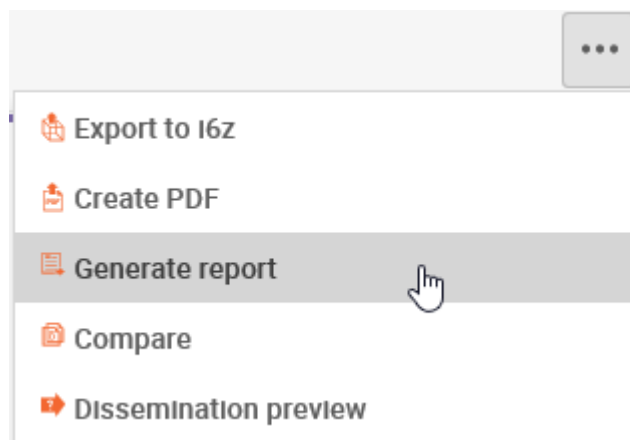
- Dispersion stability of nanomaterials OHT #401
- Toxicity to microorganisms OHT #47
- Acute toxicity: inhalation OHT #61
- Acute toxicity: dermal OHT #62
- Repeated dose toxicity: inhalation OHT #68
- Genetic toxicity in vivo OHT #71
- Metabolism of residues in crops and rotational crops OHT #85-3
- Nature of residues in processed commodities OHT #85-8
- Repeated dose toxicity – oral OHT #67
- Toxicity to reproduction OHT #73
- Monitoring data OHT #38
- Residues in crops (field trials) and in rotational crops (limited field studies) OHT #85-5
- Effectiveness against target organisms and intended uses - general information OHT #88
- Efficacy data OHT #89
- Short-term toxicity to fish OHT #41
- Biodegradation in water screening tests OHT #28



# Report generator



## What is the Report generator



- The report generator extracts IUCLID data in a structured and standalone format such as:  
RTF/PDF/CSV/XML/HTML
- IUCLID contains a number of reports made and added for Biocides users since IUCLID 6.1 (more on these later)
- IUCLID allows you to manually upload your own report templates.  
More info on the IUCLID website:  
<https://iuclid6.echa.europa.eu/reports>

# Report generator



## Select the type of report



Biocidal Products Regulation - Confidentiality Report (BPR Article 66) [PDF]



Biocidal Products Regulation - Confidentiality Report (BPR Article 66) [RTF]



Biocidal Products Regulation - Confidentiality Report (BPR Article 66) [CSV]



Cross references report (BPR) [CSV]



fixed\_attachments\_report\_bpr\_csv [CSV]



List of annotations for biocidal mixture/product datasets and dossiers [PDF]



List of annotations for biocidal mixture/product datasets and dossiers [RTF]



List of attachments for biocidal mixture/product datasets and dossiers in CSV format [CSV]



Literature References report for mixture/product datasets and dossiers in RTF format [RTF]



Literature References report for substance and mixture/product datasets and dossiers in CSV format [CSV]



Summary of product characteristics (SPC) report [XML]

Reports are progressively added to the list, and updated to the latest format.

## Description of all reports



The screenshot shows the IUCLID 6 website interface. At the top left is the IUCLID 6 logo. Below it is a navigation bar with three tabs: 'Home', 'IUCLID Product', and 'Download Software'. The main content area has a breadcrumb trail: 'IUCLID > IUCLID Product > Report generator'. On the left, under 'IUCLID Product', there is a list of features: 'IUCLID format', 'IUCLID template manager', 'Data validation', 'IUCLID 6 REST Public API', 'Report generator' (highlighted in bold), and 'Data filtering'. The main heading is 'Report generator'. The text below explains that IUCLID 6 includes a Report Generator to extract IUCLID format data into PDF, RTF, or machine-readable formats for various business processes. It notes that many reports are ready to use and made available by a Report Generator wizard. A link is provided for more details: 'described here'. A blue callout box at the bottom states: 'The IUCLID Web User Interface (Web UI) now has v3.16.1 forwards) which permits the generation of reports'.

Go to the Report generator webpage for a description of the main uses of the reports:  
<https://iuclid6.echa.europa.eu/reports>

# Comparison tool

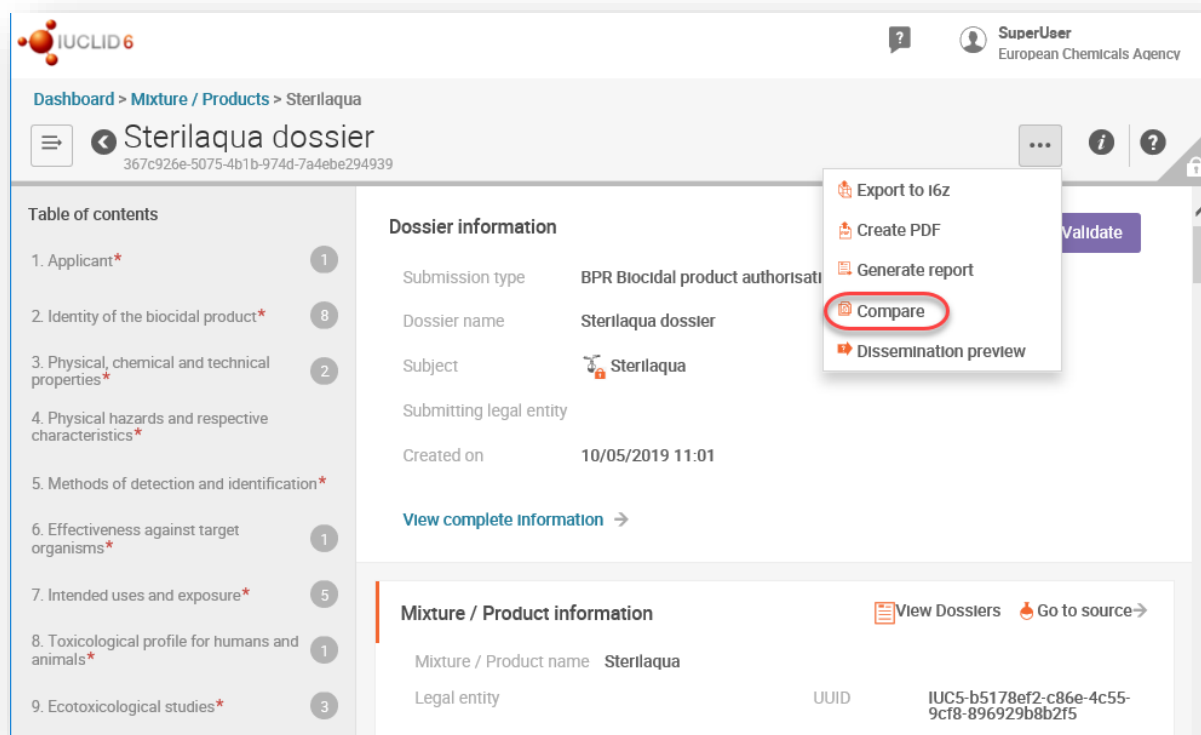


## Purpose

- compares two dossiers, and check for what is different or identical between:
  - ✓ all dossier entities (dossier header, mixtures, substances, legal entities, reference substances, contacts, literature references)
  - ✓ all section documents (records, endpoint study records, endpoint summaries)
  - ✓ Fields
  - ✓ attachments
- provides a comparison report in the html format
  - ✓ all fields which are found to be different are listed
  - ✓ navigation between parts of the report is straightforward

Report is available  
only in the web user  
interface

## Where to start



The screenshot shows the IUCLID 6 interface for a dossier titled 'Sterilaqua dossier'. A dropdown menu is open over the dossier title, with the 'Compare' option highlighted in red. The page includes a table of contents, dossier information, and mixture/product information.

**Table of contents**

1. Applicant\*
2. Identity of the biocidal product\*
3. Physical, chemical and technical properties\*
4. Physical hazards and respective characteristics\*
5. Methods of detection and identification\*
6. Effectiveness against target organisms\*
7. Intended uses and exposure\*
8. Toxicological profile for humans and animals\*
9. Ecotoxicological studies\*

**Dossier information**

Submission type	BPR Biocidal product authorisation
Dossier name	Sterilaqua dossier
Subject	Sterilaqua
Submitting legal entity	
Created on	10/05/2019 11:01

[View complete information](#) →

**Mixture / Product information**

Mixture / Product name	Sterilaqua
Legal entity	UUID IUC5-b5178ef2-c86e-4c55-9cf8-896929b8b2f5

To begin with the tool, you must have at least two dossiers to compare in your database.

You need to open a dossier, and select the option 'Compare' under '...' icon.

# Comparison tool

## Dossier to be compared

### Select dossier to compare

Type at least 3 characters

2 results found |  Show only dossiers of Sterilaqua

updated product Sterilaqua		22/10/2019 14:05
Subject name	Sterilaqua	Submission type BPR Biocidal product authorisation
updated dossier		22/10/2019 14:03
Subject name	Sterilaqua	Submission type BPR Active substance application (representative product)

mixture/product name from the 'source' dossier

dossier name

different submission type

The side window will open and you will be able to select a dossier for comparison. By default you see only dossiers created based on the same product dataset.







## Comparison report – dossiers entities level


























### Dossier Comparison Report

#### Dossiers

 Source	<b>Submission type:</b> BPR Biocidal product authorisation <b>Subject:</b>  Sterilaqua <b>Creation date:</b> May 10, 2019 11:11:43 (+0300)
 Target	<b>Submission type:</b> BPR Biocidal product authorisation <b>Subject:</b>  Sterilaqua <b>Creation date:</b> May 10, 2019 11:01:52 (+0300)

#### Dossier contents

Source	Comparison	Target
 Dossier headers		
 BIOC_BIOCIDAL_PRODUCT / subject:  Sterilaqua	 Different	 BIOC_BIOCIDAL_PRODUCT / sut Sterilaqua
 Mixtures		
 Sterilaqua	 Identical	 Sterilaqua
 Substances		
 Hydrogen peroxide hydrogen peroxide 7722-84-1	 Different	 Hydrogen peroxide hydrogen peroxide 84-1
 water water oxidane 7732-18-5	 Identical	 water water oxidane 7732-18-5
 Legal entities		
 BP manufacturer Helsinki Finland	 Identical	 BP manufacturer Helsinki Finland
 AS Company Warszawa Poland	 Identical	 AS Company Warszawa Poland











Under 'Dossiers' you see the source and the target dossiers. Then, the detailed results of the comparison are displayed.

Firstly, the comparison at the dossier content level, so you can see which components of two dossiers are identical and which are different. Mixtures, substances, legal entities, reference substances, contacts, and literature references are analysed.


## Comparison report – section document level and field level

### Section Document comparison

 Sterilaqua

Source	Comparison	Target
 Sterilaqua	 Identical	 Sterilaqua
1.3 - Biocidal product manufacturer		
● Suppliers: BP manufacturer / Helsinki / Finland	 Identical	● Suppliers: BP manufacturer / Helsinki / Finland
2.3 - Biocidal product composition		
⊕ ProductSummaryComposition: Family	 Identical	⊕ ProductSummaryComposition: Family
● MixtureComposition: Meta 1 Product 1	 Different	● MixtureComposition: Meta 1 Product 1
⊕ ProductSummaryComposition: Meta 1	 Identical	⊕ ProductSummaryComposition: Meta 1
● MixtureComposition: Meta 1 Product 2	 Identical	● MixtureComposition: Meta 1 Product 2
⊕ ProductSummaryComposition: Meta 2	 Identical	⊕ ProductSummaryComposition: Meta 2
● MixtureComposition: Meta 2 Product 1	 Identical	● MixtureComposition: Meta 2 Product 1

● MixtureComposition: Meta 1 Product 1

Field	Source	Target
<b>Trade names</b>  Composition (mixture) > General information > Trade names	<b>Trade names</b> Country Trade name Produkt produkt	

Then, there are comparison results at the level of section documents. If there are differences here, the field level analysis is displayed, as you can see on the example.

Here, in the product composition the trade name of one of the products belonging to a family has been changed what is reflected on the field level.

## Comparison report – field level

### ● Melting: Melting point / freezing point.001

Field	Source	Target
<b>Attached full study report</b> <i>i</i> Melting point / freezing point > Overall remarks, attachments	• cebulice.jpg 63,476 image/jpeg	

### ● BoilingPoint: Boiling point.001

Field	Source	Target
<b>Robust study summary</b> <i>i</i> Boiling point > Administrative data	true	false

### ● Ph: Acidity, alkalinity.001

Field	Source	Target
<b>Adequacy of study</b> <i>i</i> pH > Administrative data	supporting study	key study

Further examples of the differences:

- attachment
- check box
- pick list phrase

# Plans of further improvements



## We are working on:

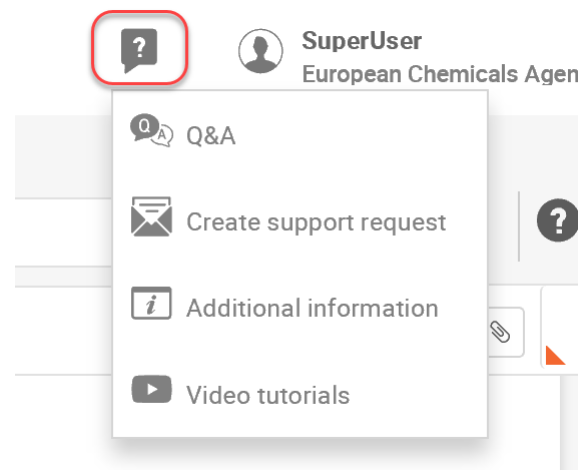
- Annotations
- Reference documents: enable multiple selection (for example selection of multiple products relevant for the meta SPC)
- Dataset cloning
- Bulk operation: copy, delete
- Navigation improvement
- Simplification of classification & labelling reporting
- New validation rules
- Improved printing of the dossier including the active substance data

# Where to find more information



## Where to find more information:

- In IUCLID itself:
  - ✓ handy links to the IUCLID website: FAQ, news, video tutorials
- IUCLID website
  - ✓ Video tutorials
  - ✓ Training material
  - ✓ Webinars




More information related to the release of IUCLID 6.4 is coming soon:

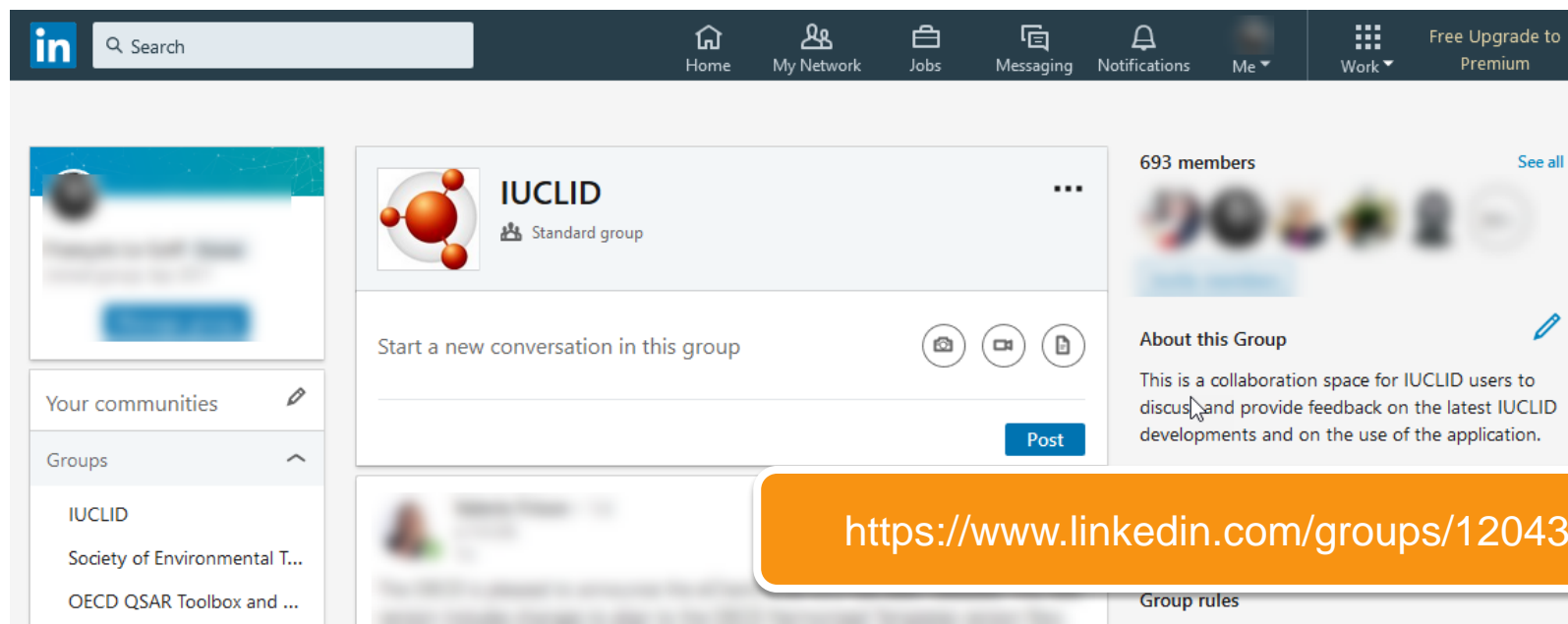
- on the IUCLID website:  
<https://iuclid6.echa.europa.eu/news>
- in the release webinar on 8<sup>th</sup> of November

# More information on the web user interface



## IUCLID LinkedIn group

IUCLID is the essential tool for any organisation or individual that needs to record, store, submit, and exchange data on chemical substances in the format of the OECD **Harmonised Templates**. Follow IUCLID on **LinkedIn** .



The screenshot shows the LinkedIn interface for the IUCLID group. At the top, there is a navigation bar with icons for Home, My Network, Jobs, Messaging, Notifications, Me, and Work, along with a search bar and a "Free Upgrade to Premium" button. The main content area displays the group's profile, including the IUCLID logo, the name "IUCLID", and the designation "Standard group". It indicates that there are 693 members and provides a "See all" link. Below the profile, there is a section for "Start a new conversation in this group" with icons for photo, video, and document uploads, and a "Post" button. To the right, the "About this Group" section describes it as a collaboration space for IUCLID users to discuss and provide feedback on the latest IUCLID developments and on the use of the application. A "Group rules" link is visible at the bottom. An orange callout box at the bottom right of the screenshot contains the URL: <https://www.linkedin.com/groups/12043483>





*Thank you for your attention*

[echa.eu](http://echa.eu)

[iuclid6.echa.europa.eu](http://iuclid6.echa.europa.eu)

[oecd.org/ehs/templates](http://oecd.org/ehs/templates)



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

