

# What's new in IUCLID 5.6?



# IUCLID 5.6

Introduction



## IUCLID 5.6

- This presentation contains a description of the main changes included in the new IUCLID service release: version 5.6

## News about IUCLID plug-ins

- The latest versions of the plug-ins are already compatible with IUCLID 5.6, for example:
  - Report Generator - version 5.5.1 released on 31.01
  - Validation Assistant - version 5.4.4 released on 07.03
- The Fee calculation plug-in has been updated together with IUCLID 5.6 to take into account the impact of the CLP Regulation 4<sup>th</sup> ATP



# IUCLID 5.6

Presentation of the main changes



## CLP 4<sup>th</sup> ATP

- Adaptation to 4<sup>th</sup> CLP ATP, in line with the latest version of the GHS
  - Changes limited to section 2.1
  - Changes limited to picklist entries: new picklist items, obsolete entries, migration
  - IUCLID 5.6 export files containing REACH data are still compatible with 5.4 and 5.5 except when the new entries are selected (see slide on compatibility between IUCLID versions)
- Obsolete supplementary hazard statement EUH006
- Hazard classes modified
  - Flammable gases and chemically unstable gases
    - Flam. Gas 1, Chem. Unst. Gas A
    - Flam. Gas 1, Chem. Unst. Gas B
    - Flam. Gas 2, Chem. Unst. Gas A
    - Flam. Gas 2, Chem. Unst. Gas B
  - Aerosols
    - Aerosol 3 added

# CLP 4<sup>th</sup> ATP

## Precautionary statements

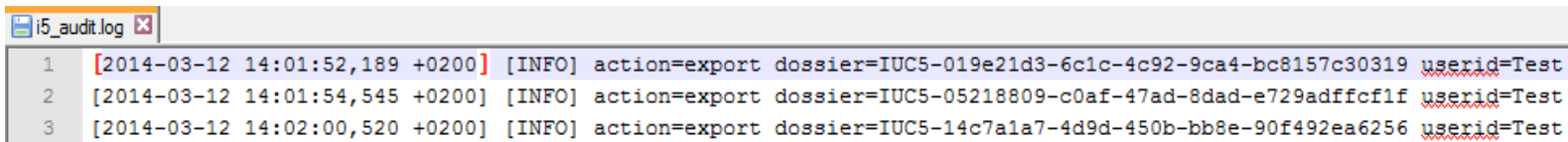
P-code	Text in 5.5	Text in 5.6	
P364		And wash it before reuse.	New
P361+P364		Take off immediately all contaminated clothing and wash it before reuse.	New
P362+P364		Take off contaminated clothing and wash it before reuse.	New
P308+P311		IF exposed or concerned: Call a POISON CENTER/doctor/...	New
P210	P210: Keep away from heat/sparks/open flames/.../hot surfaces. ... No smoking.	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	Amended
P223	P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire.	Do not allow contact with water.	Amended
P244	P244: Keep reduction valves free from grease and oil.	Keep valves and fittings free from oil and grease.	Amended
P251	P251: Pressurised container: Do not pierce or burn, even after use.	Do not pierce or burn, even after use.	Amended
P284	P284: Wear respiratory protection.	[In case of inadequate ventilation] wear respiratory protection.	Amended
P310	P310: Immediately call a POISON CENTER or doctor/physician.	Immediately call a POISON CENTER/doctor/...	Amended
P311	P311: Call a POISON CENTER or doctor/physician.	Call a POISON CENTER/doctor/...	Amended

P-code	Text in 5.5	Text in 5.6	
P312	P312: Call a POISON CENTER or doctor/physician if you feel unwell.	Call a POISON CENTER/doctor/.../if you feel unwell.	Amended
P340	P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	Remove person to fresh air and keep comfortable for breathing.	Amended
P352	P352: Wash with plenty of soap and water.	Wash with plenty of water/...	Amended
P361	P361: Remove/Take off immediately all contaminated clothing.	Take off immediately all contaminated clothing.	Amended
P362	P362: Take off contaminated clothing and wash before reuse.	Take off contaminated clothing.	Amended
P378	P378: Use ... for extinction.	Use... to extinguish.	Amended
P301+P310	P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...	Amended
P301+P312	P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.	Amended
P302+P352	P302+P352: IF ON SKIN: Wash with plenty of soap and water.	IF ON SKIN: Wash with plenty of water/...	Amended
P303+P361+P353	P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	Amended
P304+340	P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	Amended
P342+P311	P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...	Amended
P370+P378	P370+P378: In case of fire: Use ... for extinction.	In case of fire: Use... to extinguish.	Amended

# Export actions logged

## Java 7 compatibility

- Enhancement of logging: Export of IUCLID dossiers are now logged in a new audit.log file



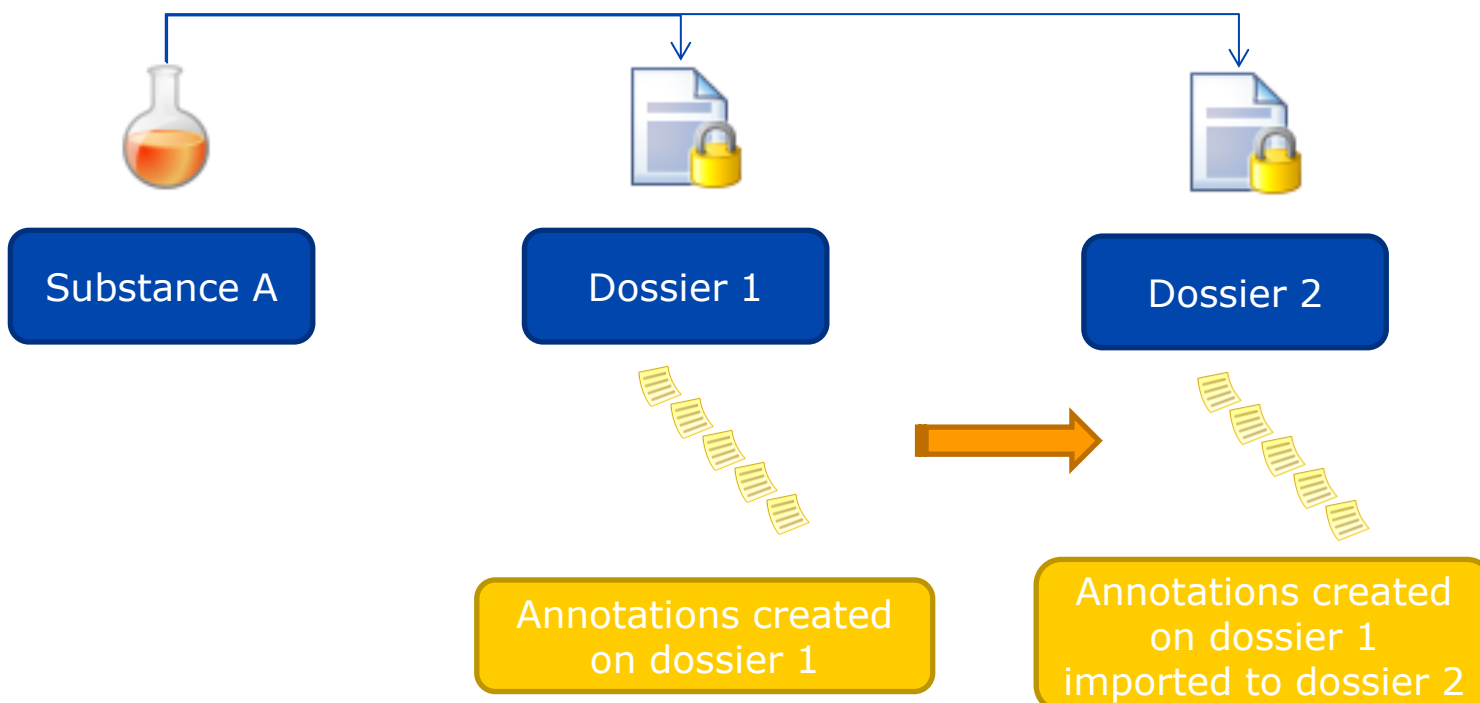
```
i5_audit.log x
1 [2014-03-12 14:01:52,189 +0200] [INFO] action=export dossier=IUC5-019e21d3-6c1c-4c92-9ca4-bc8157c30319 userid=Test
2 [2014-03-12 14:01:54,545 +0200] [INFO] action=export dossier=IUC5-05218809-c0af-47ad-8dad-e729adffcf1f userid=Test
3 [2014-03-12 14:02:00,520 +0200] [INFO] action=export dossier=IUC5-14c7a1a7-4d9d-450b-bb8e-90f492ea6256 userid=Test
```

- Signature with official certificate due to the recent update of Java 7 security policy



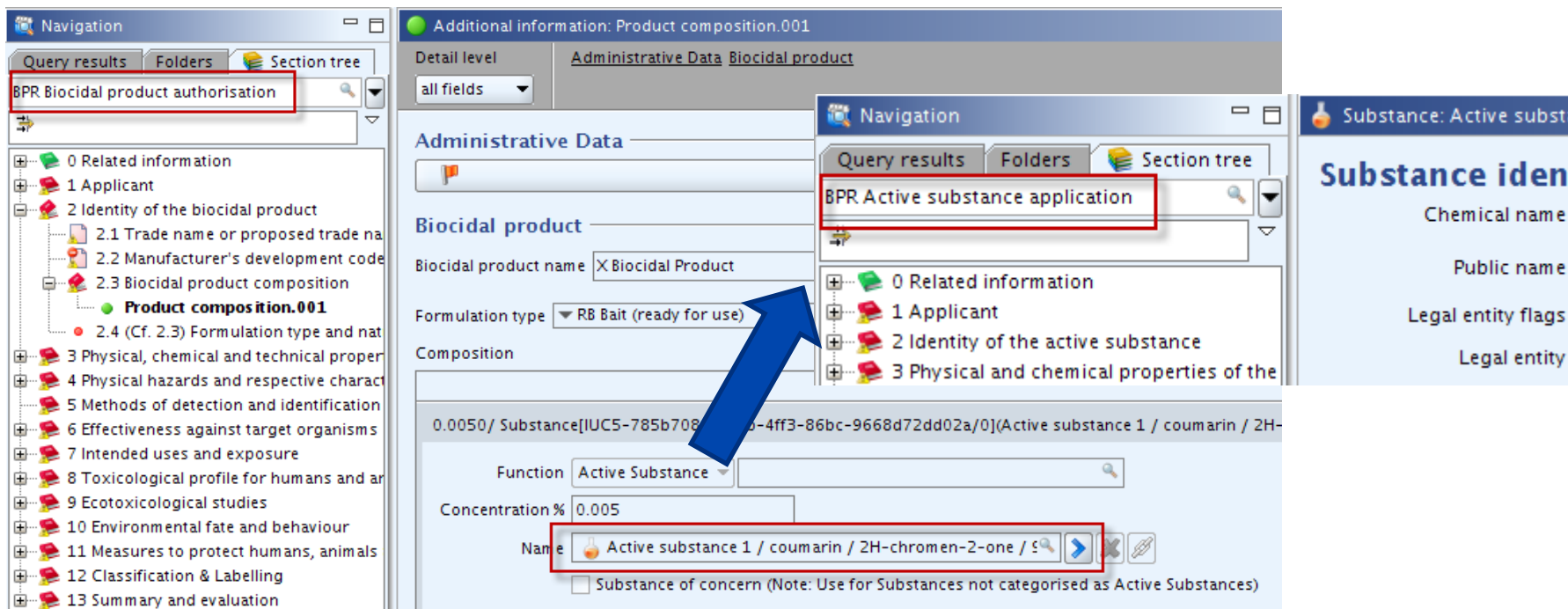
# Transfer of annotations

- Annotations transfer
  - Transfer of annotations between dossiers created based on the same substance
  - The aim is to provide a way for assessors to keep their comments across different dossiers submitted for the same substance



# View mode

- View mode: keep view mode between substance / mixtures
  - Possibility to navigate between substance and mixture and keep the selected view for each entity
  - The last selected views for mixture and substance are also kept after log-out




The screenshot illustrates the ECHA database interface in 'View mode'. It shows two overlapping windows. The background window displays 'Additional information: Product composition.001' with a 'Navigation' pane on the left. The 'Navigation' pane has tabs for 'Query results', 'Folders', and 'Section tree'. The 'Query results' tab is active, showing a search for 'BPR Biocidal product authorisation'. The main content area shows 'Administrative Data' and 'Biocidal product' details, including 'Biocidal product name' (X Biocidal Product) and 'Formulation type' (RB Bait (ready for use)).

The foreground window shows 'Substance: Active subst' with a 'Navigation' pane on the left. The 'Query results' tab is active, showing a search for 'BPR Active substance application'. The main content area shows 'Substance identification' details, including 'Chemical name', 'Public name', 'Legal entity flags', and 'Legal entity'. A blue arrow points from the 'Formulation type' dropdown in the background window to the 'BPR Active substance application' search box in the foreground window, indicating navigation between the two views.

# Miscellaneous 1

- Inquiry: validation of data input in information requirements form (e.g. prevent statement that information is required while no study type is selected)
- PPORD dossiers
  - Section 13, assessment reports, can now be included
  - Modification: 'extension' instead of 'prolongation'
  - Modification: 'orientated' instead of 'oriented'
- Registrations, member dossiers: some endpoint summaries are not selected anymore by default
- Applications for authorisation
  - Section 3.7.1 is indicated as mandatory
  - No validation error anymore when use name is too long
- Section 3.5: links to exposure scenarios are working

Exposure scenario reference in the CSR

 Exposure scenarios and local assessment.001

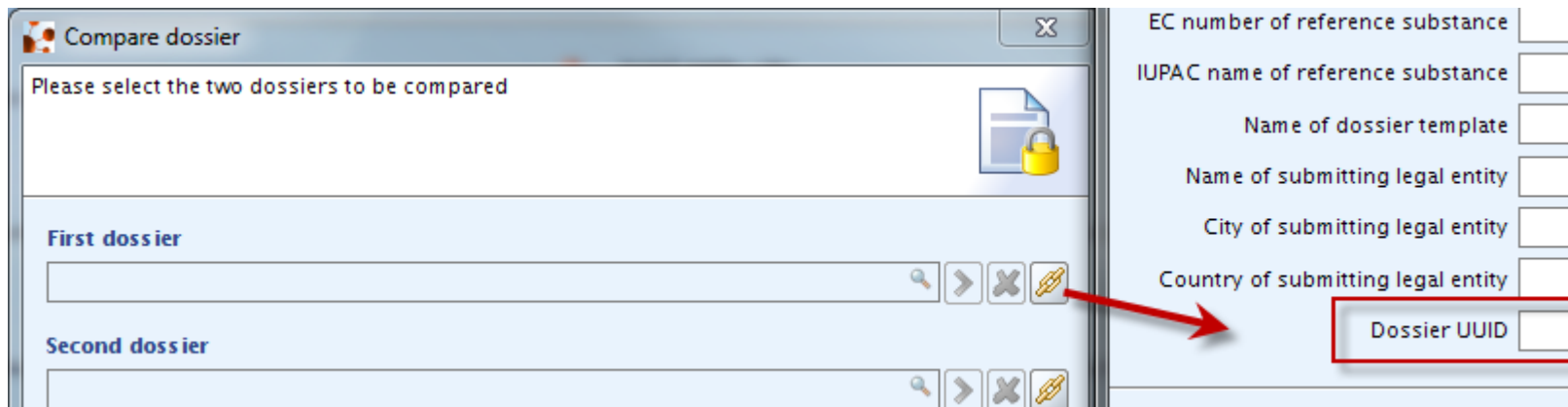


## Miscellaneous 2

- Chesar compatibility
  - Adding missing endpoint summary to the Chesar template selection and fixing the compatibility with Chesar 2.2
  - Addition of PROC 0 for service life stage in IUCLID section 3.5
  - IUCLID Chesar template is now compatible with IUCLID 5.4.1 format (hence with Chesar 2.2)
- Performance issue solved when managing Exposure Scenarios in inherited templates
- Biocides information:
  - Correct document for defining a mixture composition for a Biocidal Product component - section 2.3 of the 'BPR Basic information (mixture)' template
  - Section 2 of BPR datasets can be printed correctly (including product components names) as well as section 13
  - BPR dossier can be created without product component function

## Miscellaneous 3

- User management:
  - Incorrect 'Save' prompts are removed
  - Appropriate error message is displayed when a duplicate user name is created
- Dossier compare: possibility to retrieve a dossier using its UUID



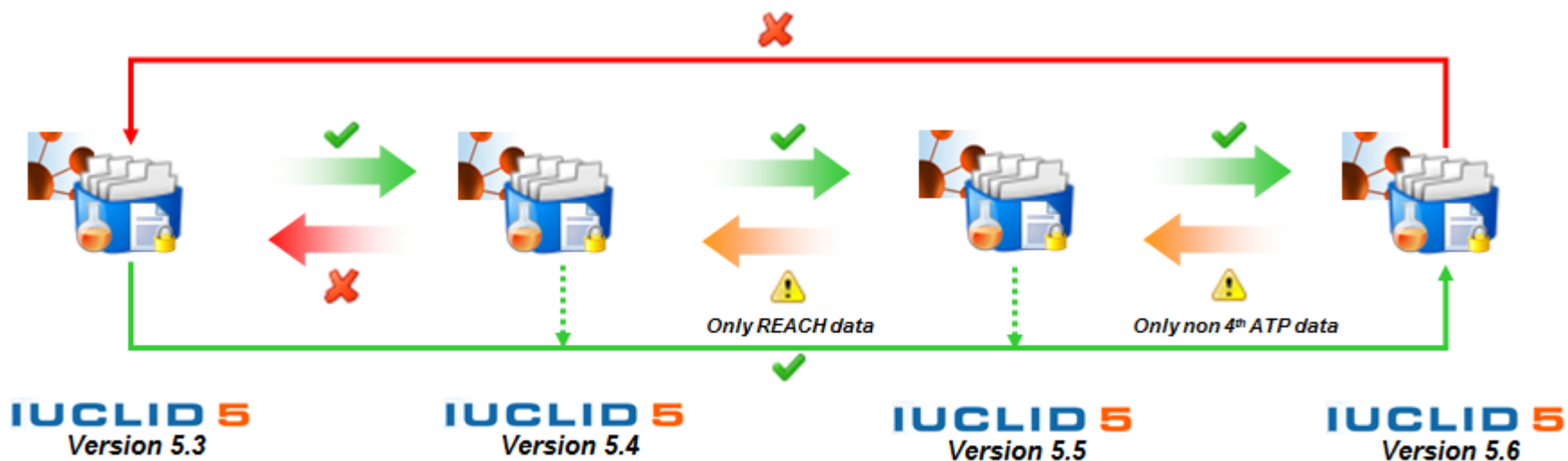
The screenshot shows a web interface titled "Compare dossier". The main area contains a search bar with the text "Please select the two dossiers to be compared" and a document icon with a lock. Below this are two sections: "First dossier" and "Second dossier", each with a search input field and a set of navigation icons (magnifying glass, right arrow, left arrow, and pencil). To the right of the interface is a list of search criteria, each with a corresponding input field: "EC number of reference substance", "IUPAC name of reference substance", "Name of dossier template", "Name of submitting legal entity", "City of submitting legal entity", and "Country of submitting legal entity". A red box highlights the "Dossier UUID" field, and a red arrow points from the pencil icon in the "Second dossier" search area to this field.

# IUCLID 5.4, 5.5, 5.6

Compatibility



# IUCLID 5.6 Compatibility





# IUCLID 5.6 Compatibility - Example



- A dossier or a dataset containing new picklist entries introduced in section 2.1 of IUCLID 5.6 (see screenshot) **will not be compatible** with previous versions of IUCLID anymore
- Validation error example: *The value '8400' of attribute 'valueID' on element 'i5:category' is not valid with respect to its type, 'phrasegroup\_GHS03'.*



**Classification**

**Physical hazards**

Hazard category


Explosives   

Flammable gases and chemically unstable gases   



Aerosols   

Import assistant

Please select the .i5z files to be imported.  
Verify content carefully before importing.



**Can't import because of validation errors - correct errors first**

Import	Document	Endpoint	Last modification	Compared to database	Validation
<input checked="" type="checkbox"/>	European Chemi...	---	2008-02-12 14:07:...	---	
<input type="checkbox"/>	validation	---		error	 Invalid
<input checked="" type="checkbox"/>	Substance 4th A...	---	2014-03-19 14:09:...	---	