

The screenshot displays the IUCLID user interface for a substance named 'Imidacloprid SUBSTANCE'. The left sidebar contains a hierarchical tree view of sections, including '1 Identity of the active substance and applicant', '2 Physical and chemical properties of the active substance', '3 Further information on the active substance', '4 Analytical methods', '5 Toxicological and metabolism studies on the active substance', '6 Residues in or on treated products, food and feed', '7 Fate and behaviour in the environment', '8 Ecotoxicological studies on the active substance', '9 Literature data and change log', '10 Classification and labelling of the active substance', and '11 Summary and evaluation'. The main content area shows a detailed view of section 6, 'Residues in or on treated products, food and feed', with multiple nested panels for data entry. A red rectangle highlights a vertical scrollbar on the right side of the main content area.

A very simple* example for an endpoint study record according to OHT 85-5

- 1x Trial
- 1x Plot
- 1x Mixture (=Product)
- 2x Analyt. Methods with 2–4 fortification levels
- 3x Substances
- Residue values

The IUCLID user interface is no longer human readable because the aggregated raw data is presented in a large number of nested repeating blocks!

*1 Trial 1 plot → in *reality often x100*

Records are not searchable by substance

Application of a mixture of two active ingredients:

Imidacloprid

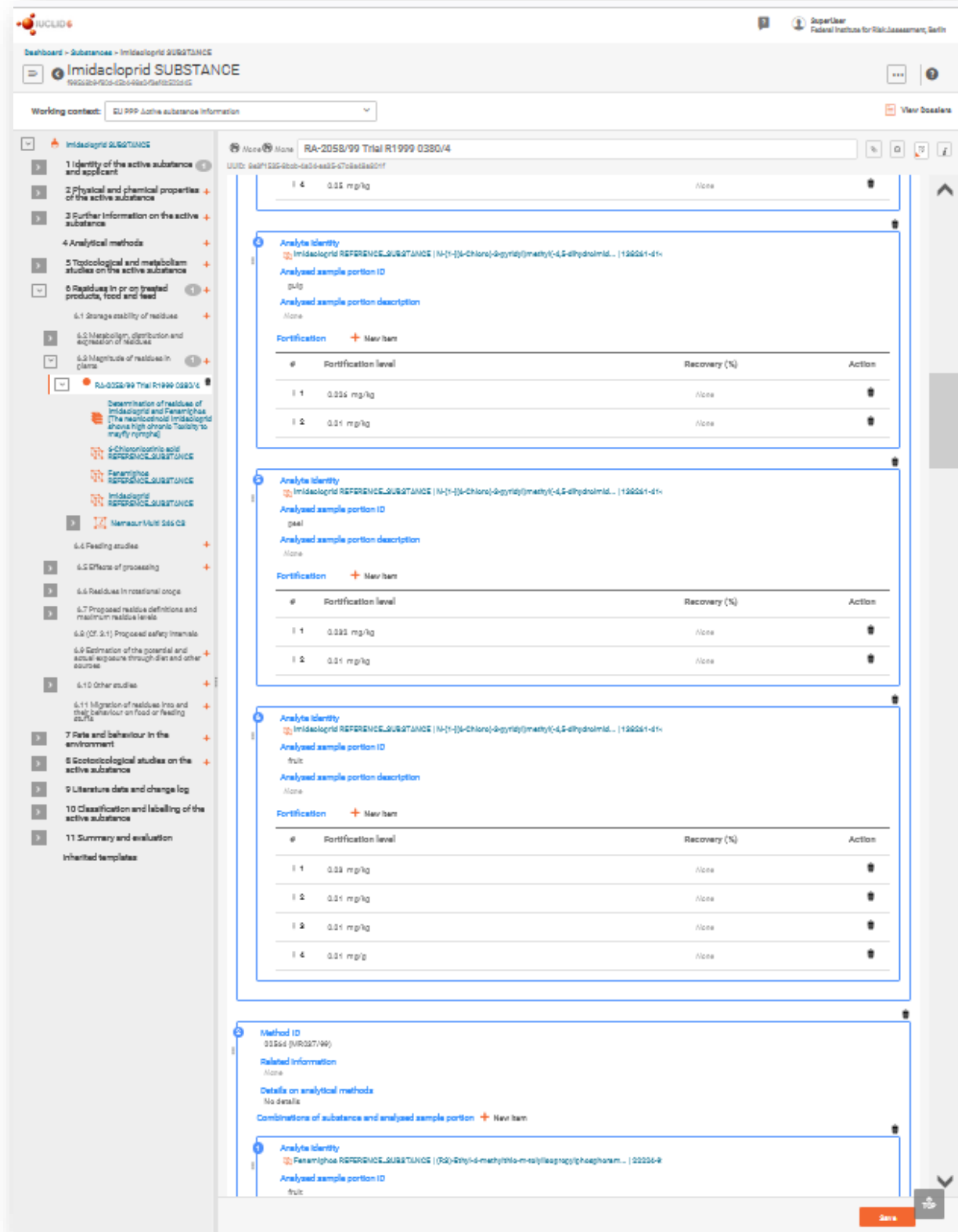
Fenamiphos

Analysis of the active ingredients + 1 metabolite:

6-chloronicotinic acid

Endpoint_Study_Record was created for the “Imidacloprid” substance data ➔ OK

This Endpoint_Study_Record could not be found for the “Fenamiphos” substance data set ➔ Causes problems in assessment



Current difficulties (examples)

- Humans are not able to create complex test datasets for programming the import tool
 - Humans are not able to understand the content and to check for errors
 - Humans would need a recipient (database) or a readable internal IUCLID report, which is both not yet available
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- IUCLID isn't searchable by substance (why? due to data model?)
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