



Workshop

Exploring the Complexities of UVCBs for Testing and Risk Assessment

September 18 – 19, 2023

AGENDA

PURPOSE

Highlight various challenges associated with UVCB testing and risk assessment with a focus on the whole substance vs. representative constituent approaches, and persistency evaluation, and initiate multi-sectoral discussions towards resolution and potential consensus for solutions.

OBJECTIVES

1. Engage a broad community of stakeholders to foster the exchange of the latest knowledge and developments in the field,
2. Clarify when to test and assess the whole substance, and/or representative constituents.
3. Identify the challenges associated with biodegradation/persistency testing and assessment.
4. Identify emerging science, remaining gaps, and actionable steps to derive potential collaborative solutions.

OUTPUT

One or two manuscript(s) related to the above objectives.

OUTCOME

Help refine the testing and risk assessment of UVCBs.



DAY 1

8:00 – 9:00: **Welcome, and Introductions**

Workshop introduction
Icebreaker
HESI project presentation

9:00 – 9:45: **Regulatory Panel on UVCB Risk Assessment**

Claire Philipps (CEFAS), Joop de Knecht (RIVM), Marc Fernandez (ECCC), Sara Moses (EPA), Pippa Curtis Jackson (UK Env Agency) will **address issues associated with UVCBs in their respective jurisdictions.**

[Dr. Romanas Cesnaitis (ECHA) shared written comments]

9:45 – 10:00: **BREAK**

10:00 – 11:00: **Rapid-Fire Presentations**

- **Integrating UVCBs and Related Data into Open Chemical Knowledgebases -** Emma Schymanski (University of Luxembourg) [Recorded presentation]
- **Testing challenges & opportunities for UVCBs-** Philipp Mayer (DTU)
- **Ecological Risk Assessment of UVCBs: challenges and opportunities–** Marc Fernandez (ECCC)

11:00-12:00 & 12:45-1:30: **Whole Substance vs. Representative Constituent Approach: Which Tells the True Story?**

11:00 – 11:10: Introduction to the breakout exercise.

11:10-12:00: Breakout exercise

12:00 – 12:45: **PROVIDED LUNCH**

12:45 – 1:45: Reporting and discussion

1:45 – 4:00: **Combining Both Approaches**

1:45 – 1:55: Introduction to the breakout exercise.

1:55 – 2:45: Break-out session

2:45 – 3:00: **BREAK**

3:00 – 3:45: Reporting and discussion

3:45-4:00: Day wrap-up

4:00 – 5:30: **Poster Social**



DAY 2

8:00 – 8:15: Welcome and Introduction

8:15 – 9:15: Rapid-Fire Presentations

- **Combining whole UVCB biodegradation testing with constituent specific analysis** - Heidi Birch (DTU)
- **Application of GCxGC to Develop Biodegradation data on Petroleum UVCBs: whole substance biodegradation with peak tracking-** Delina Lyon (CONCAWE)

9:15 – 11:15: The Challenges of Persistency Evaluation

9:15 – 9:25: Introduction to the breakout session

9:25 – 10:10: Breakout exercise

10:10 – 10:30: BREAK

10:30 – 11:15: Reporting and discussion

11:15 – 12:00 & 12:45:1:30: Identifying Main Takeways, Challenges, Prioritization of Key Ideas and Actionable Steps

11:15 – 11:25: Introduction to the breakout exercise

11:25 – 12:00: Breakout exercise

12:00 – 12:30: PROVIDED LUNCH

12:45 – 1:30: Reporting and discussion

1:30 – 1:45: Last Minute Input.

1:45 – 2:15: Wrap-up

2:45: ADJOURN.