Training on Chemical Safety Assessment under REACH
December 1 - 4, 2014
RIVM, Bilthoven, the Netherlands

Leading theme in this course is the Chemical Safety Assessment under REACH, with the REACH regulatory background as backbone. The complete risk assessment chain is discussed, from emission and distribution of industrial chemicals to exposure of man and ecosystems, and finally, to risk characterization.

Experienced speakers from governmental institutions and private consultants will make students familiar with Exposure Scenarios and Risk Management Measures, teach how to collect, evaluate and estimate exposure and effect data, including alternative data and integrated testing strategies.

This training provides a combination of lectures and exercises with practical examples. Students will get the opportunity to work with exposure assessment models.

Organizers: This course is organized by RIVM and IRAS, UU

Target group
This course is intended for professionals within industry, governments, universities and consultants, who want to advance their knowledge on REACH and the Chemical Safety Assessment of industrial chemicals.

Registration fee: €1,900 for the four day course
Registration deadline: 15th October 2014

For more Information
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General Program of RIVM-IRAS Course in Chemical Risk Assessment under REACH

General introductions
- Introduction into risk assessment and risk management (Interactive, working groups)
- Introduction into REACH, the headlines
- Practical implications of REACH for industry and for regulators
- Tools under REACH: REACH-IT, IUCLID and IUCLID Query Tool CSA-tool

Hazard assessment
- Risk Management Options
- Hazard assessment in ecotoxicology, evaluation of data, PBT assessment, C&L
- Hazard assessment in human toxicology, evaluation of data, C&L

Hazard assessment: Data Estimation/(Q)SARs
- Data estimation: QSAR for physic-chemical properties and environmental endpoints
- Data estimation: Analogue and (Q)SARs for human endpoints

Exposure estimation
- Consumer exposure assessment
- Uncertainty and risk characterization
- Environmental exposure assessment, including exposure of humans and predators via the environment
- Worker exposure assessment
- CONSEXPO
- EUSES & CHESAR
- Exposure scenarios, risk reduction and emission estimation under REACH

Risk Characterization
- Risk characterization: ecotoxicology, PBT assessment, C&L
- Hazard assessment and risk characterization: human toxicology, evaluation of data, C&L
- Data evaluation & selection
- Integrated testing strategies
- Exercises in Chemical Safety Assessment