ChemicalWatch
GLOBAL RISK & REGULATION NEWS

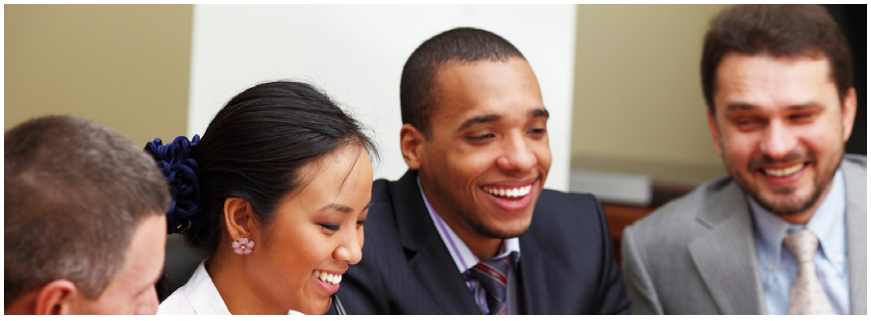
Chemical Practical Risk Assessment Training

Course introduction

This training course has been arranged by Chemical Watch and Chemical Risk Manager, and offers a practical introduction to regulatory safety and risk assessment.

Day One offers a comprehensive coverage of the basics of risk assessment, including what it achieves. This day is intended for those who have little or no knowledge of Risk Assessment. The learning outcomes are to allow those attending to understand the key data endpoints that make up safety assessment and risk assessment, and to see how the different disciplines fit together and link to exposure assessments (for both human health and the environment). The day will cover chemistry, toxicity and environmental topics and will link these to the DNELs, ADIs, PNECs and routes of exposure. Real life examples will be included as part of the group work to illustrate the concepts which are covered during this session.

Day Two puts risks assessment into practice. This day will look at factors that may influence testing methods together with the justification of test waivers where laboratory work is not required to conclude a hazard and risk assessment. This day will include some practical work. It will follow a test programme through from start to finish using data from a real substance and the detail from the previous day will be put into real-life context.



Who should attend?

Professionals within industry, governments, universities and consultants, who want to gain or improve their knowledge of chemical risk assessment.

Course leaders

Laura Robinson

is a qualified toxicologist and chemist with over ten years' experience in health, safety and environmental issues, as well as chemical compliance.

Laura is an accomplished toxicology trainer, consultant and author of two published books on toxicology. Her third book 'A practical guide to toxicology and human health risk assessment' (John Wiley & Sons) will be published in 2018.

Mark Selby

has worked in the area of regulatory science for over 20 years, starting with a UK-based speciality chemical manufacturer at the time that the EINECS list was closing. Working now as an independent consultant,

Mark advises industry on the use of data for classification and labelling, the testing of chemical products and submission processes in support of EU chemical supply legislation.

Chemical Practical Risk Assessment Training

2-3 October 2018, London

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Day 1 - Tuesday 2 October 2018
Introduction to Regulatory Safety and Risk Assessment

08:45 Registration

09:15 Introductions

09:30 Introduction to risk assessment
- The basics of risk assessment
- What it achieves
- General requirements

10:00 Risk Communication (eSDS)
- Risk, hazard and exposure
- When an SDS, CSR and exposure scenario is needed
- What it should contain
- What it is intended to do (human health and the environment)
- Definition of the terminology - setting the scene for the rest of the day

10:45 Refreshment break

11:00 Basic chemistry
- Importance of chemistry
- Relevance for computer modelling

11:30 Hazard identification
- Hazard characterisation
- Human health data gathering
- Evaluation of data including suitability of each endpoint for risk assessment purposes
- Identification of critical studies, dose descriptors, dose response relationships

12:30 Lunch

13:15 Environmental fate and effects
- Data gathering for environmental fate and effects
- Relevance of endpoints for risk assessment and derivation of PNEC

14:00 Refreshment break

14:15 Exposure assessment and risk characterisation
- Measured vs modelling approach
- Populations that need to be considered (worker, professional user and consumer exposures) and environmental exposures
- Use categories and use descriptors
- Operating conditions and risk management measures (human health and the environment)

16:15 Questions

16:30 Close of day

Day 2 - Wednesday 3 October 2018
Putting Risk Assessment and Product Stewardship Into Action

08:30 Registration

09:00 Recap of previous day
- Reminder of data requirements and basics of a risk assessment

09:30 Introductions and formal start of Day 2

09:40 Physico-chemical data and importance in portioning and exposure estimation
- Relevance of physico-chemical data and chemical structure assessments
- Predictions based on chemistry
- Chemical degradation and dissociation

10:15 Interpretation of toxicity data to provide link to metabolism
- Acute and repeat toxicity data
- Indicators of dermal exposure
- Indicators of metabolic processes
- Significant of target organs

10:45 Refreshments

11:00 Environmental data
- Significance of biodegradation curves
- Assessment of food chain concerns

11:30 Risk characterisation and risk-benefit
- Introduction to level of risk
- Risk management options
- Socio-economic and acceptable risks
- Controls
- Introduction to the group work scenario

12:00 Introduction to the group work
- Setting up groups
- Introduction to first task (hand-outs and instructions)
- Initial break-out session

12:30 Lunch

13:15 Group Work
- Interactive process with break-out session and convening 'meetings', with course tutors providing support

14:00 Refreshment break

14:15 Group Work
- Interactive process with break-out session a nd convening 'meetings', with course tutors providing support

16:15 Questions

16:30 Close

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Prices

Full price	– **£1,570** (+VAT)
CW Subscriber	– **£1,520** (+VAT)
Early bird price - *if booked before 17 August 2018*	– **£1,470**(+VAT)
CW Subscriber Early bird price - *if booked before 17 August 2018*	– **£1,420** (+VAT)

Payment options

- Invoice payable by bank transfer, credit card or cheque made payable to CW Research Ltd
- Online using our secure order form

Payment must be made before the training course starts

Location

The Rembrandt Hotel

11 Thurloe Pl, Kensington, London SW7 2RS

Phone: +44 (0) 20 7589 8100

Three ways to register

(w) **www.events.chemicalwatch.com/67887/practical-risk-assessment-training**

(e) **events@chemicalwatch.com**

(t) **+44 (0)1743 818 293**

Event times

Day one

2 October 2018, 08:45 - 16:30

Day two

3 October 2018, 08:30 - 16:30