

Training - Module 11 Advanced Toxicology

*A deeper dive into the world of toxicology
or
how chemicals impact humans and why*

For dates and venues see:
[CHCS Training](#)

**Malmaison Hotel,
1-3 Piccadilly,
Manchester, M1 1LZ**

**Registration 09.00
Start 09.30
Close 16.30**



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MODULE 11 – ADVANCED TOXICOLOGY

This module is an advanced training day in toxicology that follows on from Module 5. At the basic level, we learnt that standard test data can provide us with classification end points. At the advanced level we will also learn the basics of human risk assessment such as how to derive a DNEL/DMEL. An advanced level of understanding in toxicology is required when it comes to understand the toxicological mechanisms leading to different toxicological end points.

SDS writers reading data are sometimes faced with only minimal data, but sometimes we have to deal with data from humans that have been exposed. What kind of challenges are brought forward in handling data from humans?

This module is aimed at those with a reasonable technical understanding of toxicology, chemistry and chemical supply classification.

To ensure the most effective training with optimum involvement in participative exercises, there will be a limit of 14 on the number of students. Attendance on this series of modules will ensure that **your** SDSs meet the increasing expectations of both your customers and the regulators.

Comments from previous delegates on this training module

“Very professional & enthusiastic presenter. Questions encouraged & answered fully.”

“A.M. session very good. Complemented my current knowledge. P.M. session extremely useful.”

“Very friendly and informal.”

This module follows on from [Module 5 – Basic Toxicology](#) and builds on basic principles by considering chronic toxicity studies and end points (CMR) in more depth. It will also help those reading data to interpret whenever there is a toxicological concern regarding findings in the literature.

- Hazard versus risk
- Basic derivation of DNEL (derived no-effect level)
- The challenge of handling numerous data, including data from human exposure
- Threshold versus non-threshold effects
- Basic introduction to Q(SAR), computer models

- Where to find the data – about sourcing of data from the literature
- There will be opportunities for delegates to discuss personal experiences and ask questions relating to their own specific range of products

Legislation

Participants need to bring an electronic copy of the Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures, including Annexes on a laptop or tablet for use during the exercises.

The latest consolidated version of the CLP Regulation can be downloaded from:

<http://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:02008R1272-20160401&qid=1475062472384&from=EN>

Module Tutor

The training will be given by toxicologist Annette Dock. Annette lives in Sweden and after many years' experience from working for central authorities in Sweden, now has had her own business running for more than 20 years.

Reserving A Place

For dates, venues and costs, please see our website at:
www.chcs.org.uk/training/safety-data-sheet-training.htm.

Our training courses are £295 (+VAT). However, we offer a **discounted price** of only £245 (+VAT) which expires 9 weeks before the date of the course.

Your attention is drawn to the conditions below:

Delegates can be substituted at any time, subject to payment of membership fee if applicable. **However, once booked, the full fee is payable. As this is a limited space training event refunds can only be made if CHCS is notified in advance, and is able to successfully re-offer the place to another delegate.**

CHCS reserves the right to alter or cancel the programme due to circumstances beyond our control. If CHCS cancels, then refunds will be made.