Bespoke Training

Your REACH and CLP advantage

Basic Concepts of Toxicology for REACH and CLP

REACHReady offices, your location, or webinar

Who should attend?

This day will be of tremendous value to those who are responsible for preparing SDS, having to classify under CLP, or work on REACH registrations within their company, and who want a better understanding of the toxicology involved.

Regulatory experts, consultants, health and safety advisors, product managers and legal advisors who are involved in chemical safety need a basic grasp of toxicology to understand regulatory and cost implications of the legislative demands.

Why attend?

During the day we will demystify the toxicology behind REACH registration and the jargon that goes with it. You'll have a better understanding of what the experts are talking about and be able to question their recommendations, helping you to ensure that you don't end up paying for data you don't need, but still ensure that it is of sufficient quality to satisfy ECHA's requirements.

Our suggested programme covers the toxicological hazard assessment (data endpoints) required to prepare a registration dossier and is a good introduction to toxicology. It is not our intention to go through precise practical details of how the tests are conducted, but to concentrate on concepts and results from both in-vivo and in-vitro studies. Some time will also be spent describing how toxicology data is used for classification and risk assessment.

You will also leave the training with a handy reference **"Laboratory Testing Guide**" that that will be invaluable in your discussions ahead.

Next steps

To find out more about REACHReady's bespoke training, and to discuss your specific requirements, please call us on **0207 901 1444** or e-mail **events@reachready.co.uk**

Suggested Programme

Welcome and Introductions
Introduction to Toxicology When do we need to know about Toxicology? REACH Registrations, SDS, Exposure Scenarios, CLP First steps – data gap analysis, Read across IUCLID and data input for registration
Relevance of substance identity and toxicology Understanding the chemical to be assessed Methods and interpretation Models and interpretation
Physico-chemical property endpoints Physical properties relating to health Chemistry and health effects
Health effect endpoints Data requirements in Annexes VII – XI of REACH Types of testing in relation to exposure Exposure based data waiving In-vitro / in-vivo and use of animals
Lunch
Descriptions of methods and interpretation of data Short term studies, Irritation and sensitisation, Mutagenicity, Long term toxicology, CMR
Use of Data Test reports and end-point assessment (examples) CLP Regulation (GHS) Discriminating dose, LD_{50} and Acute Toxicity Estimate (ATE) DNEL / PNEC estimations
Q & A