

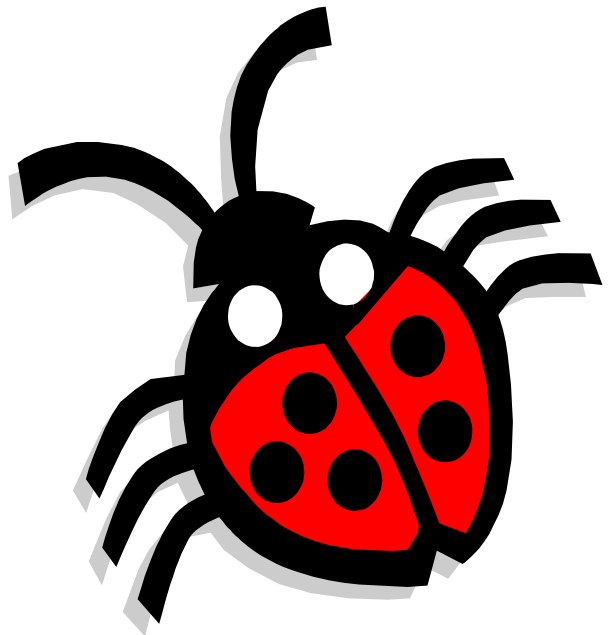
**Chemical Hazards
Communication Society**

CHCS TRAINING

Module 6 Basic Ecotoxicology

For [date and venue](#) please
see that section of this web-
site

Registration 09.00
Close 16.15



MODULE 6 – BASIC ECOTOXICOLOGY

The importance in understanding the fate and effects of chemicals in environment. Popular science is full of phrases such as ‘biodegradable’ and ‘environmentally friendly’, but is there really anything that is friendly to the environment? And are biodegradable materials safe?

To enable the chemical industry to take a responsible position in the care of the environment, it is important for those involved to have at least a basic understanding of the terms used in describing the fate and effects of chemicals in the environment and to understand how to test for environmental impact.

Who should attend?

This one-day training module is intended for those working within the chemical industry who need an introduction to the potential hazards of materials to the environment and of the concepts of regulatory test methods leading to the classification.

Benefits of attending

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

IOSH members are entitled to include this module in their continuing professional development records.

Comments from previous delegates on this training module

“Very detailed and in depth. Wide coverage of ecotox applicability.”

“Information of a practical nature which is not available elsewhere.”

“Helped to bring basic understanding of test methods and analysis, and how to interpret test results.”

What you will learn

This module provides a grounding in the **basic** principles of ecotoxicology, focussing particularly on acute aquatic toxicity studies. Topics to be covered include:

- *The importance of knowing potential environmental effects*
- *Background to regulatory requirements for testing*
- *Test method references*
- *Basic types of ecotoxicity studies*
- *Descriptions of terms and jargon*
- *Importance of physico chemical properties*
- *Supporting chemical analysis*
- *Biodegradation and persistence*
- *Testing of effluent*
- *BOD/COD measurements*
- *Application of the Dangerous Preparations Directive*
- *Relevance to REACH*

Note: This Module introduces delegates to the area of ecotoxicology, more in-depth discussion of the requirements for Section 12 of the SDS will take place in Module 12 – Advanced Ecotoxicology.

Module Tutor

The training will be given by Mark Selby of Denehurst Chemical Safety Ltd. Mark had many years' experience with a major test house before setting up his own business.

NOTE: Please feel free to print out this brochure and forward copies to personnel of your own or any other company who you feel might appreciate receiving it.