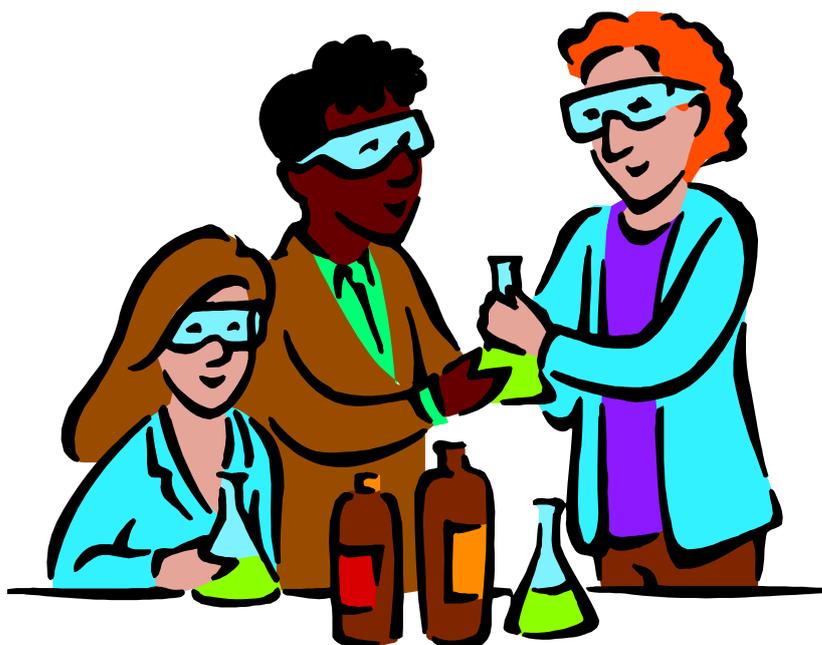


Module 2

Basic Chemistry for SDS Writers



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

Registration 09.00
Start 09.30
Close 16.30



www.facebook.com/ChemicalHazards



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MODULE 2 – BASIC CHEMISTRY FOR SDS WRITERS

This module is intended for persons involved in chemical hazard communication and related activities who have little, or no, chemical background but need to understand the basic relationship between chemicals, how to recognise them and understand their properties. Covering the essential needs for application to chemical hazard communication, this basic chemistry module has been developed to give delegates sufficient chemical knowledge to assist them in undertaking their duties.

NOTE: It is not like an ‘O’ level chemistry course, but concentrates on what is needed for industrial application. Since chemistry is often looked on as a foreign language; an analogy could be a ‘get by in French’ course.

Who should attend?

The module is **specifically** aimed at Safety Data Sheet writers, but will also be useful for prospective Dangerous Goods Safety Advisers (DGSAs), those doing COSHH assessments, general Health and Safety professionals, sales and other office personnel of chemical companies.

NB: The course does not cover actual handling of chemicals.

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

“Good insight into basics of chemicals, good practical training for non-chemists.”

“Simply explained for chemistry beginners!”

“The training was fun and an education. Kept the interest level throughout.”

What you will learn

The course will cover the following aspects:

- Chemical Terms, Chemical symbols and periodic table.
- Chemical naming.
- Physical properties:
Why physical properties dictate how something is handled.
Important physical properties of chemicals.
- Chemical Properties:
Inorganic, Organic
Functional groups – alcohols, ethers, etc.
Acid, Base, pH and corrosivity.
Explosives and oxidisers.
- Reactions:
Normal, dangerous, self-accelerating reactions, initiation and neutralisation.
Incompatible chemicals.

Participants are requested to bring with them:

- 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/PDF/?uri=CELEX:02008R1272-20131201&rid=1>

- a copy of the CHCS SDS User Guide, which can be downloaded free of charge from the CHCS website at: <http://www.chcs.org.uk/sds-user-guide.html> .

Module Tutor

The training session will be given by Dr. Colin Rogers who has spent 29 years heading up the Regulatory departments in major multinational chemical manufacturers, part of which held the responsibility for the authoring of safety data sheets. A chemistry graduate, Colin frequently gave training sessions explaining chemistry to non-chemists within his companies. He has also taught general science to City & Guilds students. Now retired, Colin runs his own consultancy on Regulatory and Quality compliance.

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.

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.