



**Chemical Hazards  
Communication Society**

## ***Extended-SDS***

*Principles and Practices  
behind their  
Preparation and Use*



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**22<sup>nd</sup> June 2011**

**Manor Hotel, Meriden, CV7 7NH**

**Registration from 09:30**

**Start 10:00**

**Close 16:00**

# ***Extended-SDS***

## ***Principles and Practices behind their Preparation and Use***

The EU Commission have stated, ‘as little is known about the intrinsic properties of existing substances, it can be assumed that the majority of these chemicals cannot be properly classified today and adequate risk management measures (RMMs) cannot be taken.’

Their answer, of course, is REACH, which specifies testing, risk assessment, and the supply of information down the supply chain in the form of an extended safety data sheet (commonly known as ext-SDS or eSDS). The ext-SDS is the biggest change ever for EU safety data sheets – it is new, complicated, and coming your way!

Article 31(7) of REACH requires that:

*“Any actor in the supply chain who is required to prepare a chemical safety report according to Articles 14 or 37 shall place the relevant exposure scenarios (including use and exposure categories where appropriate) **in an annex to the safety data sheet** covering identified uses and including specific conditions resulting from the application of Section 3 of Annex XI.”*

This since December 2010 now applies to any substance manufactured/imported at >10 tonnes/year subject to registration

This seminar will explain the principles and practice behind the preparation and use of the ext-SDS, including how to derive and use exposure scenarios and the new control parameters, DNELs and PNECs. You and your customers are obliged to operate within these parameters, using the specified RMMs, or carry out your own risk assessment to show the product exposures are properly controlled. How do you do this?

Are ext-SDSs the panacea for chemicals safety? Or are the 100+ page behemoths bureaucracy gone mad? As a downstream user, what do you do?

We have a talented team of speakers to guide you through the key issues of the ext-SDS, and provide up-to-date commentary on theory and practice, so put the date in your diary, and book now!

**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.**

## Seminar Programme: Ext-SDS

<b>Time</b>	<b>Title</b>	<b>Speaker</b>	<b>Company</b>
9.30	Registration and coffee		
10.00	Introduction	Mel Cooke	Alchemy Compliance
10.10	The ext-SDS overview	Stuart Longworth	Sankey Safety Consultants
10.50	REACH and the chemical safety report	Mark Pemberton	Lucite International
11.30	BREAK		
12.00	Exposure scenarios and control parameters for human health	Tracey Boyle	Workplace Environment Solutions
1.00	LUNCH		
2.00	Exposure scenarios and control parameters for the environment	Mark Selby	Denehurst Chemical Safety
3.00	Exposure scenarios for downstream users	Simon Rhodes	Gurit
3.50	Final questions and summary	Mel Cooke	Alchemy Compliance
4.00	Close		

# ***Ext-SDS: Biographies***

## **CHAIRMAN**

### **Mel Cooke**

#### **Alchemy Compliance**

Mel Cooke has a background including chemical research, and publishing of chemical journals before becoming involved in regulatory affairs at a contract research laboratory, quickly rising to a position of Deputy Head of Registration Services in a department of twelve staff. Duties were to provide a regulatory service for clients. Dr Cooke was Head of Section specialising in biocidal products, new and existing chemicals programmes, and an advisor on endocrine disrupting chemicals, organic chemistry and biodegradation. He left to set up his own consultancy in 2001.

## **SPEAKERS**

### **Stuart Longworth**

#### **Sankey Safety Consultants Ltd**

Holding a PhD in Organic Chemistry from Bristol University, Stuart is a Chartered Chemist and Fellow of the Royal Society of Chemistry, a Chartered Member of the Institution of Occupational Health and Safety, a Member of Chemical & Industrial Consultants Association. He is also the Chairman and the Training Sub-Group Chairman of the Chemical Hazards Communication Society (CHCS). He has spent 30 years in the chemical industry working for major international companies on research in the dyestuffs, pharmaceuticals and water treatment fields. During that period he also spent 9 years working in information technology, patent filing including opposition and defence, and legislative compliance of formulated products throughout Europe.

Utilising that experience, since 1995 he has run 2 consultancy companies specialising in assisting companies in the chemical and other industries to comply with the relevant legislation for the safe supply, handling and transportation of chemicals, including the writing of Safety Data Sheets. Stuart is also a DGSA qualified for all groups of chemicals transported by road.

He also works as a freelance trainer for Croner Training and for CHCS in both public and in-company training courses, and is a contributor to several Croner and CHCS publications. E-mail: [stuart@sankeysc.com](mailto:stuart@sankeysc.com)

### **Mark Pemberton**

#### **Lucite International**

Mark obtained his first degree in Biological Sciences at Manchester and his PhD at Bradford University. Mark has worked for over 33 years for Lucite. During the first 21 years, Mark worked for ICI in Pharmaceutical research, as a study director and facility manager at the Central Toxicology Laboratory and latterly as a business toxicologist in the Chemicals and Polymers, Advanced Materials, Films, and Acrylics businesses.

Mark was the founder of the European Chemical Industry Council (CEFIC) Methacrylates Sector Group Methacrylates Toxicology Committee and chaired this between 1992 and 2002. Mark is the current chairman of the US Methacrylate Producers Association (MPA), Science Committee and

the US Cyanide Council Toxicology Committee, the US Cyanide Counsel and a member of the US Acrylonitrile Association. Mark sits on several European, US and UK, National regulatory panels and workgroups. Mark is a member of the European Centre for Ecotoxicology and Toxicology of Chemicals (ECETOC) Scientific Committee and has worked on, chaired and directed several past and current task forces on chemicals and regulatory issues of interest to the Lucite business.

Mark's title is the Product Integrity Director and has several responsibilities within Lucite International. Mark is the company toxicologist providing mammalian and environmental toxicology expertise in support of manufacturing, R&D and commercial business functions. Mark directs a team responsible for national Regulatory compliance and conformity declarations, as well as the production of global product safety documentation. Mark develops and directs programs through the regional (US and European) Trade Associations in support of international and national regulatory advocacy and compliance. Mark developed the Lucite SHE standards for Product Stewardship and leads a network of business "Product Stewards" (technical and commercial managers) in quantifying product liabilities and developing programs for their mitigation. Mark also works with the Company secretary and external legal counsel in Europe and the US managing product litigation matters. Recently with the acquisition of Lucite International by the Mitsubishi Rayon Company Mark's scope of support has been extended to include the MRC business interests worldwide.

## **Tracey Boyle**

### **Workplace Environment Solutions**

An occupational hygienist with 25 years experience, Tracey has worked in the consultancy, industry and regulatory sectors. Within the regulatory framework Tracey was routinely involved in the compilation and/or review of risk assessment reports for the UK competent authority for the Existing Substances Regulations (the predecessor of REACH). She also prepared exposure assessments for use in the UK occupational exposure limit-setting process.

As co-director of a specialist occupational hygiene consultancy, Tracey is supporting manufacturing companies with their obligations to produce Chemical Safety Reports, including exposure scenarios, under REACH.

Tracey also acts as an expert witness in civil litigation in relation to claims for occupational ill-health and in poor asbestos management and surveying cases.

## **Mark Selby**

### **Denehurst Chemical Safety Ltd**

Mark Selby has worked in the area of regulatory science for over 25 years, starting with a UK-based speciality chemical manufacturer before working for 10 years at a major international contract research organisation. This background provided valuable insight into the problems facing manufacturing organisations with limited resources and tight schedules, but with a need to follow good scientific practice and to ensure correct completion of documentation to meet regulatory demand (except it was done with paper all those years ago).

Subsequent work with ‘task forces’ to share data on pesticides (like SIEFs) and Notification of New Substances (like registration, but with ancient software that makes IUCLID 5 seem really good) has provided experience for REACH. In terms of science, Mark’s experience in chemistry, toxicology and environmental sciences enables a broad outlook on the testing and data elements of supply legislation and the requirements for risk assessment. REACH and CLP does not really introduce new concepts - nothing new from a technical perspective – it is just the formatting and terminology that has changed a lot.

Working for the last 10 years as an independent consultant with Denehurst Chemical Safety Ltd, Mark provides training and advice on the use of data for classification and labelling and for environmental and workplace risk assessments in support of EU chemical supply legislation. Mark is also working with REACHReady as part of their industry help desk and is a regular author of technical guidance. Email: [mark.selby@denehurst.co.uk](mailto:mark.selby@denehurst.co.uk)

### **Simon Rhodes**

#### **Gurit**

Simon Rhodes is the Health, Safety & Environmental Manager of a company specialising in Epoxy composites. A Chartered Member of the Institute of Occupational Safety and Health and Dangerous Goods Safety Adviser he has spent many years in the chemical industry advising on the safe use of chemicals from both the practical and regulatory aspects.