



Society for Chemical Hazard Communication  
Professional Development Training

**Hazard Communication for the European Union (CLP)**

**Overview of Requirements and Practical Examples in SDS and Label Preparation**

Saturday and Sunday, March 14-15, 2015  
Hilton San Francisco Financial District – San Francisco, California

**Course Description**

The European Union implemented the Globally Harmonized System (GHS) through its Classification, Labeling & Packaging Regulation (CLP) which becomes fully effective on 1 June 2015. This workshop has been revised to focus on the CLP regulation as it will be in effect on that date. This course comprises an in-depth look at the EU requirements for classifying chemical products, both substances and mixtures, and then for communicating their hazards through a comprehensive program of labels and Safety Data Sheets. Thus, students will learn to classify both substances and mixtures for physical, health and environmental effects according to the CLP and to prepare the appropriate SDS and labels.

The course uses many hands-on exercises throughout to teach how to classify substances and mixtures and to use the results of those classifications in preparing Safety Data Sheets and labels that comply with the EU requirements. The course will also briefly cover the extended Safety Data Sheet, which is unique to the EU. Students will also be advised on how to meet interim requirements that apply until 1 June 2015.

**Course Director/Instructor**



**Michael J. Reale, Ph.D.**

Dr. Reale received his Ph.D. degree in organic chemistry in 1966 from Fordham University, and has over 46 years' experience in the chemical field as an industrial chemist and consultant. In his practice he has worked extensively with the US, Canadian, and EU regulations on hazardous substances and mixtures, and has classified diverse consumer and specialty products - both pure substances and mixtures - and has, for many years, prepared Safety Data Sheets complying with the 16-section format. Dr. Reale lectures extensively in this field, and conducts training programs for clients.

He has been an active member of the Society for Chemical Hazard Communication since 1981 and was a member of its Board of Directors for 14 years. Dr Reale lectures extensively on hazard communication, has co-authored *Material Safety Data Sheets - A Writer's Desk Reference*, authored a chapter in *Improving Safety in the Chemical Laboratory*, and provided informative responses to questions for *Compliance Magazine*.



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### Instructor



#### **Pamela Kreis**

Ms. Kreis is the Vice President and co-founder of Scientific & Regulatory Solutions, LLC, an environmental consulting firm that specializes in assisting chemical manufacturers, importers, and processors with the reporting and recordkeeping requirements of the Toxic Substances Control Act (TSCA), TSCA-like chemical regulations in other countries, and the requirements under the Occupational Safety and Health Act (OSHA). Pam assists companies in developing comprehensive product safety programs, auditing existing programs, supporting client efforts in generating both domestic and international Safety Data Sheets (SDSs) and/or product labels.

Pam is a frequent speaker at in-house company TSCA training courses, public TSCA seminars, international hazard communication courses and international chemical control law courses. She earned her B.S. in Chemistry from the University of Delaware and has taken a variety of other courses and seminars in the sciences and product safety areas. She is an active member of the Society for Chemical Hazard Communication.

### Intended Audience

This is considered to be an intermediate course. While there are no specific prerequisites, it is strongly recommended that participants possess a working knowledge of SDS and labels and an understanding of the principles of the GHS.

### Course Fee

\$750.00 for members

\$840.00 for non-members



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<b>Course Topics and Schedule (Subject to Change)</b>	
<b>Saturday, March 14, 2015</b>	
8:00–8:30	Registration / Continental Breakfast
8:30–12:00 (Includes two 10 min. breaks)	Introductions/ Course Approach Overview of the Classification, Labelling and Packaging Regulation Classification Criteria Physical Hazards of Substances Health Hazards of Substances Environmental Hazards of Substances Classification Exercises Classification and Labelling Inventory
12:00-1:00	Lunch (provided)
1:00–5:00 (Includes two 10 min. breaks)	Classification of Mixtures General Principals Physical Hazards Health Hazards Environmental Hazards Classification Exercises
<b>Sunday, March 15, 2015</b>	
8:00–8:30	Continental Breakfast
8:30–12:00 (Includes two 10 min. breaks)	Discussion of Overnight Problem Safety Data Sheets Sections 1 – 3 SDS Exercise 1 and Discussion Sections 4 – 8 SDS Exercise 2 and Discussion SDS Sections 9 – 10) SDS Exercise 3 and Discussion Sections 11 – 16 SDS Exercise 4 and Discussion
12:00-1:00	Lunch (provided)
1:00–5:00 (Includes two 10 min. breaks)	Labelling of Substances and Mixtures Label Elements Selection of Precautionary Statements Labeling Exercise Extended Safety Data Sheet (Section 17) Trade Secrets Interim SDS requirements (until 1 June 2015)



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**Registration**

Admission to the course will be on a first come basis. Payment must be received by February 20, 2015, to secure your space. Space is limited.

Fill out the registration form located on SCHC's website: <http://www.schc.org>

SCHC accepts checks, Visa, MasterCard and American Express.

**Cancellation Policy**

No refunds will be given after February 20, 2015. No one will be admitted to the course unless all fees have been paid in advance. Substitutions are permitted. Every effort has been made to ensure the information in this brochure is accurate. SCHC reserves the right to modify this course without prior notice or to cancel the course 30 days prior to the course date. In the event this course is canceled, SCHC's obligation is limited to a full refund of the course fee.

**Hotel Accommodations**

Arrangements have been made for a block of rooms at the [Hilton San Francisco Financial District](#) – 750 Kearny Street, San Francisco, California 94108 – 415.433.6600. The rate is \$199/night single or double occupancy through February 20, 2015. You must identify yourself with SCHC when making reservations – group code: chc