



Society for Chemical Hazard Communication Professional Development Training

U.S. Hazard Communication for Workplace Chemical Products (HCS 2012) Overview of Requirements and Practical Examples in SDS and Label Preparation

Sunday and Monday, September 28-29, 2014
Marriott Crystal Gateway Hotel Arlington, Virginia

Course Description

OSHA's Hazard Communication Standard (HCS) has been in effect for over 25 years, and in this interval perhaps millions of Safety Data Sheets and precautionary labels have been written. During this time, there has been a continual influx of professionals who have been charged with the responsibility of authoring these safety documents. This 2-day course offers those newly appointed this task an opportunity to learn the regulatory and voluntary consensus requirements for preparing and distributing these documents, and to receive hands-on training in writing them.

In March, 2012 OSHA issued a final rule that updated the HCS. This standard is referred to as HCS 2012, and brings the United States into alignment with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This workshop has been completely revised to conform to HCS 2012, and will permit students to meet the June, 2015 for complete compliance.

It also uses ANSI Standard Z400.1/Z129.1-2010 to cover certain hazard communication elements that are not included in HCS 2012. Real-life situations, such as competing regulatory requirements, will be addressed. A distinguishing feature of this course is its use of hand-on exercises, providing reinforcement of the material presented.

Course Objective

This course teaches the students to answer the following questions:

- Is this chemical or product hazardous?
- If yes, what must I do?
- Are there other standards I should follow?
- How do I prepare an SDS?
- How do I prepare a label?

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 45 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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Course Instructor



Daniel Levine, CHMM

Dan is president of Product Safety Solutions, a consulting firm providing services in product hazard communication, product stewardship, TSCA compliance and several other regulatory areas affecting both manufacturing activities and finished products. He has provided hazard communication training and assistance to companies ranging from sole proprietors to Fortune 500 companies. Prior to starting Product Safety Solutions, he was Director of Product Safety and Integrity for AlliedSignal Inc (now Honeywell International) and has over 40 years of experience in manufacturing and product safety. He is a past President of the Society and served on the SCHC board for nine years and now chairs the website committee. He was co-chairman of the team that produced the original ANSI SDS standard, co-chair of the 1994 revision to the ANSI labeling standard and chaired the 1998 revision to the ANSI SDS standard. He received SCHC's "Lifetime Achievement Award" in 2003. Dan is a Certified Hazardous Materials Manager and was elected a "Fellow" of the Institute for Hazardous Materials Management in 2010.

Intended Audience

This course is primarily designed to lead neophytes through the process of developing quality container labels and SDS that comply with OSHA's HCS 2012. It will also be valuable for those who have developed expertise in this field but who desire systematic training in the requirements of this revised regulation.

Course Fee

\$750.00 for members
\$840.00 for non-members

Course Topics and Schedule (Subject to Change)

Sunday, September 28, 2014

7:30-8:00	Registration / Continental Breakfast Introductions / Background Information Review of HCS 2012
8:00-12:00 (includes a 15 min. break)	What is a hazardous chemical? Health Hazards Classification – Health Hazards (continued). What is a hazardous chemical?: Classification – physical hazards Allocation of label elements exercise
12:00-1:00	Lunch (provided) SDS Requirements (Sections 1 & 3)
1:00-5:00 (includes a 15 min. break)	SDS Requirements (Section 2) SDS Exercise 1 and Discussion SDS Requirements (Sections 4 - 8)



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Monday, September 29, 2013

7:30-8:30	Continental Breakfast SDS Exercise 2 and Discussion SDS Sections 9 – 10)
8:30-12:00 (includes a 15 min. break)	SDS Exercise 3 and Discussion SDS Requirements (Sections 11 – 16) SDS Exercise 4 and Discussion Other SDS considerations
12:00-1:00	Lunch (provided) Label Background Information Label Requirements
1:00 – 5:00 (includes a 15 min. break)	Label Exercise 1 and Discussion Label Exercise 2 and Discussion Other labeling standards and label critiques Distribution and retention requirements Q&A

Registration

Admission to the course will be on a first come basis. Payment must be received by September 5, 2014, 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 September 5, 2014. 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 Crystal Gateway Marriott Hotel – 1700 Jefferson Davis Highway, Arlington, Virginia – 703.920.3230. The rate is \$179/night single or double occupancy through September 5, 2014. You must identify yourself with SCHC when making reservations – group code: chemical hazard