



## Society for Chemical Hazard Communication Professional Development Training

### Globally Harmonized System for Classification & Labeling of Chemicals (GHS)

Saturday and Sunday, March 22-23, 2014  
Charleston Marriott – Charleston, SC

#### Course Description

This course is designed to be a comprehensive summary of the hazard classification and communication requirements in the Globally Harmonized System (GHS). Emphasis will be placed on:

- Substance and mixtures classification criteria for physical, health, and environmental hazards,  
-Key concepts will be illustrated with examples,
- Safety Data Sheet content,
- Label elements, and
- Implementation updates, including EU CLP, OSHA HCS 2012 and selected countries

#### Course Objective

The impact of the GHS on hazard communication requirements will be described. Specifically, the course will help students:

- Understand the GHS,
- Understand the potential changes to their existing company products,
- Develop a GHS implementation strategy,
- Keep informed about GHS implementation status, and facilitate informed comments to government agencies as the system is implemented.
- Practice doing hands-on classification using provided mixtures examples. Examples can also be used to assess electronic classification applications.

#### Course Director/Instructor



**Michele R. Sullivan, Ph.D.** is a recognized expert in domestic and international hazard communication and author of MSDS and GHS Guidance Manuals. She testified as an expert witness at the Senate Subcommittee hearing on "Hazard Communication in the Workplace". Dr. Sullivan participated in the ANSI Z400.1 MSDS and Z129.1 Labeling Standards development and training.

She participated on the NACOSH Hazard Communication Work Group that advised OSHA about 29 CFR 1910.1200, the Hazard Communication Standard. In the transportation area her experience includes: participation at the United Nations Committee of Experts on the Transport of Dangerous Goods (UNCETDG); a rapporteur for the Ottawa meeting on the Harmonization of Physical Hazards.

Michele developed GHS situational analyses for USA regulations and designed GHS training for Asia-Pacific countries. Her GHS activities include: industry member of the USA delegation to the Earth Summit preconferences, the IOMC Coordinating Group on the Harmonization of Chemical Classification Systems, the OECD Task Force on the Harmonization of Classification and Labeling and the ILO Working Group for the Harmonization of Chemical Hazard Communication. She is listed on the UN Roster of GHS Experts and is a Registered Specialist, SDS and Label Authoring by the AIHA Registry Programs.

Her professional activities are related to SCHC: recipient of the SCHC Distinguished Lecturer Award for outstanding contributions to the field of hazard communication; a SCHC Board Member and former Chairwoman & President of SCHC; professional development trainer and HAZCOM 101 director. Dr. Sullivan received her Ph.D. in biochemistry from the University of Virginia and her BA in chemistry from Newton College of the Sacred Heart.



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### Course Director/Instructor



**Paul W. Brigandi** is a recognized expert in US and international hazard communication regulations. The majority of Paul's career was with Mobil Oil Corporation (20 years), where he was involved in a wide variety of research assignments. He spent 10 years in the Product Safety group where he led multi-disciplinary teams, on the planning and implementation of global product safety compliance programs, not to mention writing thousands of SDS along the way. While at Mobil Paul was a member of the OECD Expert Group on classification criteria for mixtures and he chaired both the BIAC to the OECD Expert Mixtures Group and the American Chemistry Council Global Harmonization Task Force. Paul is currently an Executive Consultant with CGI Technologies and Solutions Inc. where he has led the design phase of projects which delivered commercial software that support compliance with GHS hazard communication requirements and with the REACH Regulation. He holds a BS in chemistry from Rutgers University.

### Intended Audience

This is considered an intermediate course. While there are no specific prerequisites, it is strongly recommended that participants have a working knowledge of EU and USA hazard communication principles.

### Course Fee

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

### Course Topics and Schedule (Subject to Change)

#### Saturday, March 22, 2014

7:30–8:00	Registration / Continental Breakfast
8:00–12:00 (includes a 15 min. break)	<ul style="list-style-type: none"> <li>GHS Overview               <ul style="list-style-type: none"> <li>Purpose, Scope, Application and Classification Principles</li> <li>Implementation update, including EU CLP, OSHA HCS 2012 and selected countries</li> </ul> </li> <li>GHS Physical, Health &amp; Environmental Criteria for Substances &amp; Mixtures</li> </ul>
12:00 – 1:00	Lunch (provided)
1:00 – 5:00 (includes a 15 min. break)	<ul style="list-style-type: none"> <li>GHS Criteria (continued)</li> </ul>



## Society for Chemical Hazard Communication Professional Development Training

### Sunday, March 23, 2014

7:30 – 8:00	Continental Breakfast
8:00 – 12:00 (includes a 15 min. break)	<ul style="list-style-type: none"><li>• GHS Criteria (continued)</li></ul>
12:00 – 1:00	Lunch (provided)
1:00 – 5:00 (includes a 15 min. break)	<ul style="list-style-type: none"><li>• GHS Criteria (continued)</li><li>• GHS Label Elements</li><li>• GHS Safety Data Sheet Content</li><li>• Guidance to complete the self-study examples; GHS mixture classifications and applying the order of precedence for harmonized label elements</li></ul>

### Registration

Admission to the course will be on a first come basis. Payment must be received by February 8, 2013, 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 8, 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 [Charleston Marriott](#)– 170 Lockwood Blvd., Charleston, SC 29403 (800.968.3569 or 843.723.2000) The rate is \$179/night single or double occupancy through February 28, 2014. You must identify yourself with SCHC when making reservations.