Society for Chemical Hazard Communication

Professional Development Training

U.S. Pesticide Labeling and Regulations

Sunday, September 23, 2018
Arlington, Virginia

Course Description

This advanced topic course is intended as an introduction to pesticide toxicology including human health effects, and an overview of the Environment Protection Agency Pesticide (EPA) regulations. Particular emphasis will be placed on labeling and other hazard communication. Participants will be provided with a general understanding of why pesticides are regulated the same but different from other chemicals, the health effects of the major pesticide classes, federal registration requirements for active ingredients and formulated products. Special emphasis will be given to the EPA Label Review Manual and the development of the pesticide label. Other topics include safety data sheets, differences from Globally Harmonized System and other hazard communication regulations, biocides and other antimicrobials, and other current topics and issues.

This is an advanced topic course and students should have a general understanding of toxicological principles and hazard communication.

Course Objective

This is not a "how to" register a pesticide or the complexities of the EPA registration process. Rather, the goal of this course is to provide participants with the fundamental understanding of the pesticide regulatory process and labeling.

Intended Audience

Hazard communication professionals looking to strengthen their understanding of pesticide toxicology including human health effects, and to receive an overview of the Environment Protection Agency Pesticide (EPA) regulations with particular emphasis will be placed on labeling and other hazard communication.

Course Fee: $450 / members $540 / non-members

Course Director/Instructor

Dave Peters is the Regulatory Compliance Lead at Monsanto Company. His primary responsibilities include corporate oversight of safety data sheet development in the US and other world areas, US Hazardous Materials compliance, product stewardship and database management. Prior to working at Monsanto, Dave had experience in clinical toxicology at the Missouri Regional Poison Center and in retail pharmacy. He graduated from the St. Louis College of Pharmacy with a bachelor's degree in Pharmacy. Dave was past co-chair of the American Chemistry Council's work group that revised and published Hazardous Workplace Chemicals – Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation Standard (ANSI Z400.1/Z129.1-2010). Dave served on or co-chaired work groups for previous revisions of the MSDS and labeling standards. In service to the crop protection industry, Dave is the past Chair of the Interregional Coordinating Council (IRCC) Transportation & Distribution (T&D) Committee in association with CropLife America. He is an active member of the European Crop Protection Association's Classification and Labelling Expert Group where he has participated and co-authored guidance documents on the EU Classification, Labelling and Packaging (CLP) Regulation and related directives and regulations. He is the

Monsanto company representative with Dangerous Goods Advisory Council (DGAC) and a DGAC representative to United Nations Sub-Committee of Experts on the GHS.

Course Instructor

Daniel A Goldstein, MD, received a BS (Molecular Biology) from University of Wisconsin (1976) and an MD from Johns Hopkins (1981), followed by residency in Pediatrics (Johns Hopkins) and fellowship in Clinical Pharmacology and Medical Toxicology (University of Toronto). He is board certified by the American Boards of Pediatrics, Medical Toxicology, and Clinical Pharmacology, and by the Royal College of Physicians of Canada (Pediatrics). He is a fellow of the American Academy of Pediatrics and American College of Medical Toxicology. Following 10 years in clinical and consulting private practice, he joined Monsanto in 1998 and currently serves as Monsanto's Scientific Affairs Lead and Associate Medical Director. Dr. Goldstein has previously served on the Board of Directors of the American College of Medical Toxicology, and currently serves as a Science Advisor to ILSI/HESI (International Life Sciences Institute/Health and Environmental Sciences Institute), as a member of the Medical Toxicology Foundation Advisory Board, and as Chair (2013-14) of the Conjoint Medical Toxicology Sub-Board, the examining and certification body for Medical Toxicology.

Course Instructor

Linda Murray, is a corporate Regulatory Specialist in 3M's Sustainability and Product Stewardship department with 15 years of regulatory experience in EPA-registered pesticide products. Linda's responsibilities include maintaining 3M's EPA-registered product compliance, representing 3M in federal and state government compliance initiatives, monitoring developments in global biocide regulatory environment and providing 3M business units with regulatory training and guidance. Prior to her work in regulatory affairs, Linda was a product line marketing manager for cleaning chemicals and water filtration equipment at a MN-based Fortune 500 company. Linda currently is an American Chemical Council Biocides Panel member and participates on the Household & Commercial Product Association's (HCPA) Antimicrobial Products Division and HCPA State Government Affairs Advisory Committee, in addition to several industry task forces. Linda received her degree in Biology from the University of Minnesota.

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Course Topics and Schedule
(Subject to Change)

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7:30–8:00	Registration / Continental Breakfast
8:00–9:30	Introduction Pesticide toxicology/human health effects
9:30–9:45	Break
9:45–10:30	The registration process including the required testing (particularly mammalian, non-animal and environmental toxicology/fate testing)
10:30–10:40	Break
10:40–12:00	The label development and the Label Review Manual
12:00–1:00	Lunch (provided)
1:00–2:10	The SDS development Differences between OSHA, FIFRA, Canada, GHS and more
2:10–2:30	Break
2:30–4:30	Biocides, Antimicrobials, Preservatives; Nano-metals
	Break
	Developments and issues, including but not limited to • Specificity including seed treatments; RNAs, etc. • 25(b)'s & Natural products • Neonics and bees • EPA Hot topics
4:30–5:00	Q and A

Registration

Admission to the course will be on a first come basis. Payment must be received by August 17, 2018, 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 August 17, 2018. 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.

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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 $207/night single or double occupancy through August 31, 2018. Use the online reservation link; or identify yourself with SCHC (group code SCH).