

Connecticut Fire Academy HAZ MAT Seminar Series

September 2008

Upcoming 2008 HAZ MAT Seminar Series

 **Gases** #08268
October 8, 2008

 **Corrosives** #09046
October 22, 2008

 **Explosives** #09058
November 12, 2008

 **Oxidizers** #09065
December 10, 2008

Liquids



Presented by: **Becky Wehrman - Environmental Compliance Consultant**

September 17, 2008

Liquids present an enormous variety in types of risk. In this course we will explore the nature of liquids, basic chemistry concepts that can assist in identifying how liquids will behave, various environmental effects on liquids and risks associated with common liquids. Finally, we will overview some of the environmental management requirements for various common liquids.

This 8 hour day will cover the following topics:

- 1. Chemistry Basics of Liquids**
- 2. Risky Properties of Liquids**
- 3. Common Liquids and Risk**
- 4. Odd "Liquids" and their Management**
- 5. Case Studies:** class participants will be presented with various scenarios and asked to work in groups to identify hazards, risks, response priorities and course of action.
- 6. Demonstrations:** chemical properties of liquids, various liquid reactions and the hazards of liquids will be explored in demonstration and a hands-on portion of the course.

Becky Wehrman is the Environmental Compliance Consultant with Metro Waste Authority in Central Iowa, She holds a Bachelors of Science in Biology, minor in chemistry and has completed many hours of graduate work in chemistry, biology and genetics. She worked as a research chemist for DuPont and served with the Iowa Department of Natural Resources, creating and managing a network of household hazardous waste collection facilities. Becky has been recognized by the Iowa Governor's Office and the EPA for her work with the Rehab the Lab Program, designed to remove and dispose of outdated and frequently, extremely hazardous chemicals at dozens of educational facilities. To date over 245,000 pounds of hazardous wastes-including explosives, radioactives and extremely toxic substances have been removed from schools under the program and it has expanded to several states and was adopted federally. She has instructed various courses Iowa Fire Service Training Bureau since 2000 and is currently working on refining the management of contaminated sites. Becky has assisted various Bomb Squads, Police Departments and Fire Departments throughout Iowa with safe, proper disposal of various challenging chemicals. She is Firefighter I/II, EMT and HazMat Technician certified and previously served as a firefighter with two local communities.

Course #09021, Course Fee \$40, All classes held at the Connecticut Fire Academy

All Seminar Series presentations are scheduled from 8:30 am until 4:30 pm. Lunch is included. Acceptance confirmation notices with directions will be mailed approximately two weeks prior to the start of the program. Students canceling seven days in advance will receive a full refund. Application forms can be duplicated or downloaded at ct.gov/cfpc and returned via fax or mail with payment. Additional questions can be directed to Program Manager Bill Auclair, phone 877-528-3473 ext 250 or email bill.auclair@po.state.ct.us



STATE OF CONNECTICUT COMMISSION ON FIRE PREVENTION AND CONTROL CONNECTICUT FIRE ACADEMY

34 Perimeter Road • Windsor Locks, CT 06096
860-627-6363 • Toll Free 1-877-528-3473 • Fax 860-654-1889

www.ct.gov/cfpc