

"Training tools for an increasingly complex and dangerous job"



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"Introduction to Hazardous Chemicals"

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About hazardous chemicals

Chemicals are widely used in homes, manufacturing, agriculture, and many other areas of our society. Many of these chemicals are classified as hazardous because of their potential to harm people, property or the environment. Hazardous chemicals are commonly found in storage facilities and manufacturing plants, and hazardous chemicals are routinely shipped by truck, rail and ship. In spite of government regulations, the possibility always exists for a serious incident involving one or more hazardous chemicals. Federal laws require training in the handling of and emergency response to hazardous chemicals.

About the program

"Introduction to Hazardous Chemicals" provides an overview of the properties of chemicals and tells how to deal safely with emergencies. The program discusses the physical properties of chemicals, explaining how these properties contribute to the hazardous nature of the chemical. More than 20 reactions involving hazardous chemicals are portrayed, alerting the viewer to potential safety hazards. Compressed, liquefied and cryogenic gases are covered as well as liquids and solids. The concepts of specific gravity, boiling point, solubility and pH are explained, showing how an understanding of these properties will help workers and emergency responders to safely handle chemicals.

The NFPA 704 standard marking system, which rates flammability, health, reactivity and special hazards of chemicals, is

discussed. The audience learns about PEL, STEL and IDLH guidelines for chemical exposure, and procedures to follow to safely handle chemicals. The nine DOT classifications are outlined, and different types of protective clothing are described.

The program shows how chemical accidents commonly occur and describes basic rules to

follow when responding to hazmat incidents. First responders learn how to safely approach the scene of an incident, how to conduct air monitoring, how to establish control zones and what activities are conducted within each zone.

Also available - HazChem Series

Emergency Film Group also offers its HazChem Series of training videos, each of which focuses on a specific products or groups of products. HazChem programs combine footage of actual incidents with action-packed, realistic training sequences. They are designed to provide training to persons who are expected to respond to an emergency involving these hazardous materials. In addition to this program, titles include "Anhydrous Ammonia," "Benzene, Toluene & Xylene," "Chlorine," "Hazardous Waste," "Hydrogen Sulfide," "Inorganic Oxidizers," "Pesticides," "Propane, Butane & Propylene," "Sodium Hydroxide & Potassium Hydroxide," and "Sulfuric Acid & Hydrochloric Acid."

HazChem programs are available separately at \$425/ea. or \$3,495 for the entire series of eleven programs.

About the technical committee

Emergency Film Group programs are created with the assistance of leaders in emergency response training. Technical

committee members for "Introduction to Hazardous Chemicals" include the following authorities:

Bill Bradford, consultant and Chairman of NFPA's Technical Committee on Hazardous Chemicals.

Frank Fire, Vice President of Americhem Chemical Co. and author of *The Common Sense Approach to Hazardous Materials*.

Dieter Heinz, consultant on hazardous materials issues and a member of NFPA's Technical Committee on Hazardous Chemicals.

Jerry Grey, author of numerous texts and Vice Chairman of the NFPA Technical Committee on HazMat Response Personnel.

Mike Hildebrand, hazardous materials consultant with Hildebrand & Noll Associates.

About the filmmakers

Gordon Massingham, director. Principal creative person behind some 150 emergency response training films and videos, which have garnered 130 awards in national and international competition. More than 100,000 copies of these programs train emergency responders around the world.

About the Emergency Film Group

Emergency Film Group, a division of the Detrick Lawrence Corp., distributes quality training videos for emergency response and right to know education. Firmly committed to accuracy, EFG uses the best qualified advisors and production crews to ensure that programs are not only exciting to watch, but are also accurate in every detail.

EFG's worldwide list of customers range from the largest petrochemical companies, to government agencies, to small town fire departments. Every film comes with EFG's 30-day money-back guarantee if the customer is not satisfied.

For a free color catalog describing all programs available from the Emergency Film Group, please call the toll-free number below.

Program descriptions available on-line at
<http://www.efilmgroup.com>

Price for "Introduction to Hazardous Chemicals"
(Video plus Leader's Guide)

VHS-\$425 DVD-\$425

Preview (5 days)-\$20 Rental (2 weeks)-\$150

All prices in US currency. S&H extra unless order is prepaid (Continental US only)

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