

Pesticide Waste Disposal Technology, edited by J.S. Bridge and C.R. Dempsey, Noyes Data Corp., Park Ridge, NJ, 1988, ISBN 0-8155-1157-4, 334 pp., US\$54.

This book contains proceedings of three National Conferences held in 1985 and 1986 under the auspices of the U.S. Environmental Protection Agency in an attempt to generate solutions to the difficult problems of disposal faced by pesticide users.

Topics covered were:

- Part 1: Disposal needs: regulatory requirements, pesticide degradation properties, disposal technology options (treatment systems including biological and physical chemical); storage, handling and shipment of pesticide wastes, and empty pesticide container disposal programs.
- Part 2: Emerging technologies, research needs, rinsewater recycling and treatment systems (carbon, UV-ozone, incineration, solar photodecomposition, chemical degradation, evaporation, genetic engineering, leachate fields).
- Part 3: Industry's role, on-site demonstration projects, waste minimization and user's treatment/storage disposal.

GARY F. BENNETT

Lowry's Handbook of Right-to-Know and Emergency Planning, by G.G. Lowry and R.C. Lowry, Lewis Publishers, Inc., Chelsea, MI 1988, ISBN 0-87371-112-2, 401 pp. plus index, US\$75.

The Hazard Communication Standard (HCS) of OSHA, and the Emergency Planning and Community Right-to-Know Act (Title III of the SARA PL 99-499) have created a new era of responsibility for employers to inform and train their employees in the handling of hazardous chemicals. This volume is a detailed analysis of what steps are necessary for compliance with these two recent laws in the United States, and presents a comprehensive framework for both regulations. As noted in the Part A, Introduction and Overview of Legal Responsibilities, toxicity is not the only hazard of chemicals – fire and explosion hazards are also of real concern. Hazardous wastes, construction sites, and, more recently, laboratories, have been included in the laws, along with hospital and other infectious wastes.

The documentation, lists, and reports which are required for submission to agencies are discussed in detail, with samples of the report forms. Elements of an emergency response plan are detailed, and the consequences of poor planning or late reporting are clearly presented. The appendices consist of a glos-

sary of terms, books and compendia, computer data banks, federal and state agencies, text of the hazard communication standard, list of other relevant statutes, materials regulated under the HCS, materials regulated under CERCLA and SARA Title III, and pertinent federal forms, lethal dose equivalencies, and a generic written hazard communication program.

This book is unique in that it presents the story behind the laws and gives the reader real assistance in understanding what is really intended.

HOWARD H. FAWCETT

- ^ *Hazard Communications and Right-to-Know*, 19-minute $\frac{1}{2}$ -inch VCR tape, Veritas, Inc., Scottsdale, AZ, 1988, US\$265 for tape and instruction manual (24 pages).

This tape and instruction manual were designed for the photofinishing processes, where several chemicals are used to produce one-hour colored prints. It follows the requirements of 29 CFR 1910.1200, which require training of personnel, material safety data sheets for the hazardous substances, proper labeling, and precautions needed for required protection.

It draws analogies with other chemicals as compared with the potential hazards of photochemicals, and notes that the management of the establishment is interested in safety and health of employees. As an introduction and yearly refresher for employees, the tape and manual have considerable utility.

HOWARD H. FAWCETT

- ^ *Biofouling*, (new journal), Vol. 1, Number 1, ISSN 0892-7014, Harwood Academic Publishers. Distributed by STBS Ltd., London, and Harwood Academic Publishers, New York, NY.

In the first editorial, Dr. L.V. Evans notes this new journal brings together for the first time papers from authors who are concerned with some sort of microbial, plant or animal fouling. In addition to full-length research papers and review articles, the new journal will publish short communications and letters to the editor to encourage exchanges of information.

Six papers constitute the first number, with subjects as varied as The Effects of Copper and Zinc on Growth of the Fouling Diatoms and Biologically Enhanced Corrosion Fatigue. Titles of seven forthcoming articles to be published in the next number are given, as well as a book review on Synthetic Adhesives and Sealants by W.C. Wake.