

sary of terms, books and compendia, computer data banks, federal and state agencies, text of the hazard communication standard, list of other relevant statues, 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.

The editorial board members and regional editors have been chosen from a wide geographical area.

HOWARD H. FAWCETT

Pesticide Fact Handbook by U.S. Environmental Protection Agency, Noyes Data Corp., Park Ridge, NJ, 1985, ISBN 0-8155-11450, 827 pp., US\$96.

In the foreword, the publishers write:

"This book contains 130 Pesticide Fact Sheets issued by the US Environmental Protection Agency... These Pesticide Fact Sheets include a description of the chemical use patterns and formulations, scientific findings, a summary of the Agency's regulatory position rationale, and a summary of major data gaps. The Fact Sheets cover more than 550 trade-named pesticides".

Other published data include common (trade) names, general (chemical) names, Chemical Abstract numbers, chemical family, U.S. and foreign producers, chemical and physical characteristics (properties) and toxicology characteristics.

GARY F. BENNETT

Chemical Information Manual, Directorate of Technical Support, U.S. Dept. of Labor, Occupational Health and Safety Administration, Government Institutes, Rockville, MD, 1988, ISBN 0-86587-746-7, 265 pp., US\$49.

The *Chemical Information Manual* presents, in concise form, data on a large number of chemical substances that may be encountered in industrial hygiene investigations.

The heart of the book is chapter 2, which gives the following information (and more) for a large number of substances:

1. Identification — synonym, Chemical Abstract Service (CAS) number, US DOT regulations.
2. Exposure — OSHA Permissible Exposure Limits (PEL); ACIGH-TLV Reports of Toxic Effects.
3. Physical Property Description — molecular weight, vapor pressure, boiling point, flash point, molecular formula, upper explosivity limits, specific gravity.
4. Carcinogenic status.
5. Health Effects and Toxicology — symptoms, organs affected, principal effect of exposure, health code.
6. Sampling and analysis.

Chapter 3 contains much of the same data for chemicals without documented sampling and analysis methods.