

the topic is not a simple one. O'Connor and Lirtzman have assembled a group of experts from legal firms, universities, hospitals, industries and government agencies to assist them in their task.

The book has 18 chapters, three appendices and a list of acronyms. The chapters are divided into four sections

1. Label communications
2. Science and labels
3. Product liability, regulations and labels
4. Industry standards and practices

In addition to the material obviously represented by the above section headings, information is transmitted on chemical information sources (including computerized data bases), hazard assessment, compliances with the Resource Conservation and Recovery Act, labels and medicine, chemical toxicity, patents and trademarks, labelling under the following U S Congressional Acts FIFRA, RCRA and TSCA, as well as requirements of CPSC, DOT and OSHA (which are federal agencies)

GARY F BENNETT

Well Body, Well Earth, The Sierra Club Environmental Health Sourcebook, by Mike Samuels and Hal Zina Bennett, Sierra Club Books, 2034 Fillmore St, San Francisco, CA 94115, 1983, 288 pages, bibliography, index, cloth \$22 50, paper \$12 95

Beginning with the birth of the planet earth and the beginnings of human life, this book considers the earth's health and human health as one. A new phrase, environmental medicine, has been introduced to convey the idea that surroundings and internal conditions interact to cause disease, and that human health and the earth's are inextricably related, forming the basis for health care in the 21st century. In a chapter on the manifold nature of disease, the point is raised that all diseases are environmental diseases, with emotional stress and emotions playing an important role. Human health as a barometer of the earth's health and the power to create a healthy world are considered.

The most valuable parts of the book for technical personnel are the sections marked "The Sourcebook", in which radiation and chemicals are discussed in terms of human interface. Short but useful discussions of acrylonitrile, aldrin/dieldrin, arsenic, asbestos, benzene, beryllium, cadmium, carbon tetrachloride, chlordane/heptachlor, BCME, chromium, DDT, dioxin, halomethane, lead, lindane, mercury, PCBs, trichloroethylene, toluene, and vinyl chloride are covered in Poisons List A. Water pollution and air pollution constitute other chapters, with benzo[a]pyrene, carbon monoxide,

formaldehyde, nitrogen dioxide, ozone, sulfur dioxide and total suspended particulates constituting Poisons List B

A prescription for environmental health, including lifestyle and environmental health, physical exercise, and political action, conclude the volume. The data on the chemicals appear to be up to date and accurate.

H H FAWCETT

Proceedings of the 7th International Symposium on the Transportation of Dangerous Goods by Sea and Inland Waterways, Vancouver, British Columbia, Canada, September 27–30, 1982, ICHCA, P O Box 2366, Station "D", Ottawa, Ontario, Canada K1P 5WP, 1983, 748 pages in two volumes

This is a continuation of a series of such meetings which began with the first hosted by the Dutch and the American National Academy of Sciences Committee on Hazardous Materials at the Nieuwe Doelen, Rotterdam, The Netherlands, May 1968.

This 7th symposium attracted 216 registrants from widely separated locations. The purpose was to update and plan more effective measures for safety in the transport and handling of hazardous cargoes. Technical papers were presented in the following major areas:

Carriage of Dangerous Goods in Bulk (9 papers)

Total Inter-Modality — A Viable Concept? (6 papers)

Carriage of Dangerous Goods in Specialized Marine Systems and Remote Areas (6 papers)

Emergency Response and Associated Training (7 papers)

Pollution Control (6 papers)

Dangerous Goods in Ports (7 papers)

Many of the papers are accompanied by references, which give considerable utility to these proceedings.

Of special interest is the attention to training of personnel, a subject which has received relatively little attention in many quarters in the past. For example, the Maritime Training Section, Dangerous Goods, of IMO in London now has a syllabus for the various courses recommended for the seagoing and on-shore personnel handling hazardous cargoes, including emergency procedures in case of spill or other incident.

These proceedings should be a welcome addition to anyone who is concerned with the bulk transport of hazardous materials.

The 8th International Symposium in this series was scheduled for 24–27 September 1984 in Havana, Cuba. For details, contact International Maritime Organization, 4 Albert Embankment, London SE1 7SR, U K.

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