

6. Land Application and Liners
7. Resource Recovery
8. Hazardous Wastes
9. Metals and Industrial Wastes
10. Sludge Management
11. Safety and Right-to-know

This book, which is an outgrowth of the conference, provides a state-of-the-art synopsis of contemporary practice in the control of industrial, toxic and hazardous wastes.

G.F. BENNETT

Polycyclic Hydrocarbons and Carcinogenesis, by R.G. Harvey (Ed.), ACS Symposium Series 283, American Chemical Society, Washington, DC 20036, 1985, 406 pages, US and Canada, \$74.95, export \$89.95.

This volume of 15 chapters was developed from a symposium sponsored by the Division of Organic Chemistry of the American Chemical Society, Philadelphia, August 1984. It reviews what is known or suspected about the relationship between chemical structure, reactions, and metabolisms of polycyclic aromatic hydrocarbons (PAHs) and carcinogenic action in animals and humans. The ubiquitous distribution of these compounds in polluted air, automobile exhausts, tobacco smoke, and many common foods have created much attention to these compounds, but since only certain PAHs exhibit tumorigenic activity, and the level of activity is highly dependent upon molecular structure, much has yet to be learned.

This collected work assembles the reports from leading experts to review these advances and report their latest findings. While major emphasis is placed on PAH activation via diol epoxide metabolites, evidence for other potential mechanisms is also reviewed.

The volume should be of interest and value to anyone interested in the causes and prevention of cancer, including graduate students and environmental control technical personnel.

H.H. FAWCETT

Handbook of Reactive Chemical Hazards: An indexed guide to published data, 3rd edn., L. Bretherick (Ed.), Butterworths, Borough Green, Sevenoaks, Kent TN15 8PH U.K. and 80 Montvale Avenue, Stoneham, MA 02180 U.S.A., 1985, 1852 pages, \$99.95, £85.00.

Leslie Bretherick, a chemist recently retired from the BP Research Center, has compiled a monumental volume, first published in 1972 and later in