

detail) in the review of Volume 1, numerous data are given under the major heading of:

- Substance identification
- Chemicals and physical properties
- Environmental fate and exposure potential

Data are included on approximately 80 chemicals, they are listed in strict alphabetical order by the name considered to be the most easily recognized, starting with acetic acid and ending with xylene.

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In Situ Immobilization of Heavy-Metal-Contaminated Soils, by R.P. Czupyrna, R.D. Levy, A.I. MacLean and H. Gold, Noyes Data Corp., Park Ridge, NJ, 1989, ISBN 0-8155-1219-8, 155 pp., \$39.00.

This book is not really a book in the conventional sense. In fact it is a consultant's report based on a project whose "overall aim... was to evaluate the effect of cost-effective innovative *in situ* immobilization technologies on the leaching behavior of five heavy metals common to many contaminated soils and groundwater, namely chromium (hexavalent), cadmium, nickel, copper and zinc."

And with good effect:

"The results of this study indicated that *in situ* treatment is a viable solution for the immobilization of heavy metals, Cr, Cd, Ni, Cu and Zn from contaminated soil. The use of a Valfor 200-ferrous sulfate combination treatment for the immobilization of hexavalent chromium, cadmium and nickel proved very effective in the hazardous waste site simulation."

In addition to the above additives, 24 other chemical additives were evaluated for their ability to react with and immobilize the cited heavy metals.

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Hazardous Waste Reduction in the Metal Finishing Industry, by PRC Environmental Management, Published by Noyes Data Corp., Park Ridge, NJ, 1990, ISBN 0-8155-1233-6, 205 pp., \$42.00.

The topic of great interest on the US hazardous waste scene presently is "waste minimization." Indeed Congress appears on the verge of passing a law legislating industrial hazardous waste reduction goals. Hence the appearance of the book is very timely.

Hazardous Waste Reduction in the Metal Finishing Industry presents the