

## Continuous Monitoring for Hazardous Material Releases

CCPS and AIHA

Publication #09-005 \$73.95

A collaborative project between the Center for Chemical Process Safety (CCPS) and AIHA, *Continuous Monitoring for Hazardous Material Releases* will help today's chemical industry effectively deploy and operate detection systems, whether existing or new, should a chemical release occur. Topics covered include:

- Management – establishing, maintaining, and improving your hazardous material monitoring program
- Evaluating the applicability of continuous monitoring to facility operations and associated risks
- Sensor technology
- Gas detector placement and configuration
- Overall system management – commissioning, testing, and maintenance

ISBN: 978-0-470-14890-7. © 2009. 86 pages.

*"[This book] should provide industrial hygienists, safety professionals, process chemical engineers, and environmental engineers a ready reference for designing a continuous ambient air monitoring program."*

— Joe L. Field, CIH, CHMM



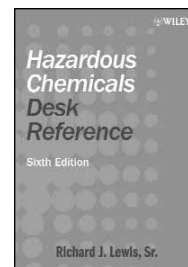
## Hazardous Chemicals Desk Reference, Sixth Edition

Richard J. Lewis, Sr.

Publication #9007 \$175

The Sixth Edition of *Hazardous Chemicals Desk Reference*, like previous editions, contains Safety Profiles, synonyms, physical properties, standards, and recommendations of government agencies for approximately 5,000 chemicals deemed both important and potentially hazardous by the international scientific community. Based on a complex review of previous entries and the rising prevalence of chemicals absent from previous editions, the author has updated this standard reference book to reflect the profiles of the most common and sought after hazardous chemicals.

ISBN: 978-0-470-18024-2. © 2008. 1,728 pages.



## Hazardous Industrial Waste Treatment

Wang, et al., Editors

Publication #07-004 \$144.95

This is an excellent advanced college text or reference for a public health or environmental engineering curriculum and a suitable text for industrial hygienists. Industrial hygienists will find it useful to advance their understanding of waste treatment and associated issues from various industrial processes. The many case studies also provide useful illustrations of the challenges and dilemmas facing practicing professionals and are illustrative of "real world" problem solving situations. Descriptions of waste treatment methodologies, testing, and regulations from the international community are provided as well. Additional topics covered include:

- Old and new approaches and technologies
- Regulatory backgrounds of the various waste management issues
- Stormwater management and treatment
- Pollution Prevention (P2)
- Treatments for metal finishing wastes, photographic wastes, timber industry wastes, explosive wastes, and landfill leachates

ISBN: 978-0-8493-7574-3. © 2006. 516 pages.

*"Users of the text [will] find this...worthwhile of their consideration whether they are the practicing professional or student in an engineering, environmental or industrial hygiene curriculum."*

— Paul Sawyer, MSPH, MBA, CIH



## Hawley's Condensed Chemical Dictionary, Fifteenth Edition

Richard J. Lewis, Sr.

Publication #9008 \$165

Now in its Fifteenth Edition, *Hawley's Condensed Chemical Dictionary* has established itself as the world's chief lexicon of industrial chemicals and related terminology. Updated and extensively revised by internationally renowned chemist and reference author, Richard J. Lewis, Sr., this newest edition retains the fundamental attributes that have made it a bestseller for many years.

In addition to providing many channels for the identification of chemical substances, the Fifteenth Edition of the *Dictionary* includes up-to-date entries, definitions, and cross references, web links to manufacturers and associations, as well as pertinent information on products, processes, and equipment.

ISBN: 978-0-471-76865-4. © 2007. 1394 pages.

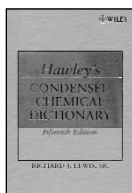
**Also available on CD-ROM. See the Computer Resources section of the catalog, page 46.**

**Also available as a Book and CD-ROM Set.**

Publication #9008Combo \$270

Get this authoritative resource on chemical substances and phenomena in both the print version, for home or office use, and the CD-ROM, for easy portable access.

ISBN: 978-0-470-12482-6. © 2007.

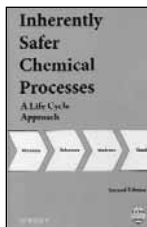


## Inherently Safer Chemical Processes: A Life Cycle Approach, Second Edition

Richard P. Pohanish and Stanley A. Greene

Publication #09-004 \$94.95

An outstanding resource for anyone involved with chemical hazards, the Second Edition features the latest developments and strategies to eliminate or significantly reduce the hazards of chemical processes. The book details important tasks such as substituting less harmful chemicals at the development stage, moderating the hazards of chemicals and manufacturing processes, using safer processing methods for manufacturing, and simplifying plants to make them more user friendly. Additional topics include:



- Methods for developing and implementing inherently safer processes and plants
- Techniques for measuring and evaluating inherent safety
- Real-world examples illustrating the benefits of inherently safer processes
- Trade-offs and conflicts among the hazards considered in identifying inherently safer options
- The role of inherent safety in process safety management programs

ISBN: 978-0-471-77892-9. © 2008. 412 pages.

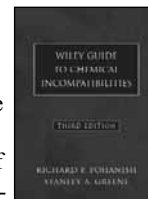
*"[I am] going to recommend this book to several clients that could benefit from this information relative to existing process chemistry as well as new facility designs."* — James R. Martin, CIH

## Wiley's Guide to Chemical Incompatibilities, Third Edition

Richard P. Pohanish and Stanley A. Greene

Publication #9749 \$175

*Wiley's Guide to Chemical Incompatibilities*, Third Edition distills complicated chemical information in a convenient easy-to-use format that helps readers make safe decisions fast. Its alphabetical organization provides concise incompatibility profiles for thousands of commonly used commercial chemicals, allowing readers to look up a given substance to instantly learn whether it is incompatible with common materials, other chemical substances, structural materials, or personal protective equipment. It provides reliable data on a substance's ability to generate toxic gases, rupture containers, cause polymerization, detonate, or form more dangerous compounds.



ISBN: 978-0-470-38763-4. © 2009. 1,128 pages.