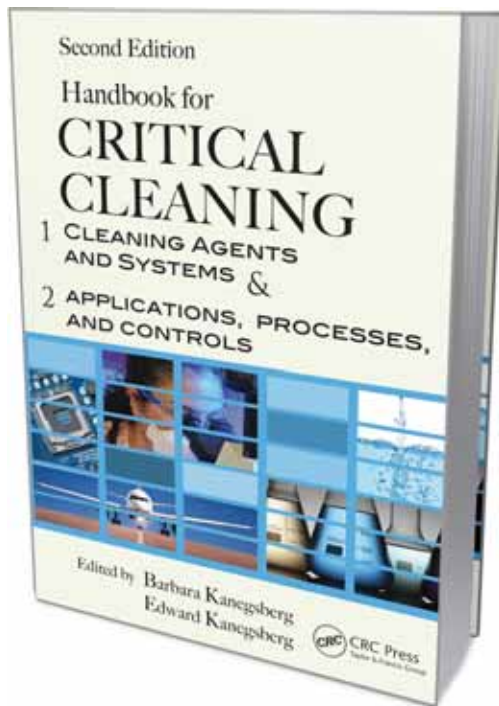


From the Industry Leaders in Critical Cleaning Consulting

The Must-Have, Go-to Guide to Quality, Profitable Manufacturing



Updated, Revised, Expanded, 2-Volume

Handbook for Critical Cleaning, edited by industry icons, Barbara and Ed Kanegsberg, is unique among printed and on-line resources as a succinct, independent, comprehensive, holistic, practical, educational resource.

A decade after the bestselling original, the **Handbook for Critical Cleaning, Second Edition** helps manufacturers meet today's challenges, providing practical information and perspective about cleaning chemistries, equipment, processes, and applications. With 90% new or revised chapters plus supplementary online material, the Handbook has grown into two comprehensive volumes, *Volume 1 Cleaning Agents and Systems* and *Volume 2 Applications, Processes, and Controls*.

Overview chapters by the editors meld and supplement the information and diverse viewpoints of the contributors; Ed and Barbara compile and critique the options. The result is a complete, cohesive, balanced perspective that helps manufacturers better select, implement, and maintain a quality, value-added cleaning process. Helping manufacturers become more efficient and productive, these books:

- Show how to increase profitability and meet both existing and expected product demand
- Clarify the sea of print and Internet information about cleaning chemistries and techniques
- Address challenges of performance, miniaturization and cost, as well as regulatory and supply chain pressures
- Offer clearly written guidance from the viewpoints of more than 70 leading industry contributors in technical, management, academic, and regulatory disciplines

The first volume, *Handbook for Critical Cleaning: Cleaning Agents and Systems* gives manufacturers a practical understanding of the variety and functions of cleaning chemistries and cleaning, rinsing and drying equipment. Topics include aqueous, solvent, and “non-chemical” approaches. Readers can compare process costs, performance, and regulatory issues and then choose their best option.

The second volume, *Handbook for Critical Cleaning: Applications, Processes, and Controls*, addresses how to implement, validate, monitor, and maintain a critical cleaning process. Topics include cleanrooms, materials compatibility, worker safety, sustainability, and environmental constraints. The book shows readers how to draw from diverse disciplines—including aerospace, art conservation, electronics, food, life sciences, military, optics, and semiconductors—to achieve superior productivity.



Barbara Kanegsberg, “The Cleaning Lady,” president of BFK Solutions, is a recognized consultant in critical/industrial cleaning and contamination control. She helps companies optimize manufacturing cleaning processes, validate cleaning methods, improve yield, resolve regulatory issues, and maintain trouble-free production. She conducts dynamic workshops and training programs. Barbara received a U.S. EPA Stratospheric Ozone Protection Award. She received her BS in biology from Bryn Mawr College and her MS in biochemistry from Rutgers University.



Ed Kanegsberg, “The Rocket Scientist,” vice president of BFK Solutions, helps companies solve production problems and optimize their cleaning and contamination control processes. He has decades of experience in physics and engineering, including the transition of products from prototype to production. His writings emphasize the physics of cleaning and surface quality. He received his BS in physics from Massachusetts Institute of Technology and his PhD in physics from Rutgers University, New Brunswick, New Jersey.

Reviews of the First Edition

“I requested this book through my company's resources. As an engineer with limited experience in the critical cleaning field, I used this book as a quick reference for available cleaning technologies. In addition, I found the reference well organized, with adequate detail provided in individual sections. I have also circulated this book throughout my organization to bring junior employees "up to speed" with cleaning technologies and associated chemistry. I would recommend this book to anyone interested in understanding current cleaning technologies and processes.”

Ron Sebek, Concurrent Technologies Corporation

“Had some nasty cleaning issues all this week, and the Handbook has come in handy.”

Michael Alderete, The Boeing Company

“In my opinion, it's not just the BEST book on critical cleaning, it's the ONLY objective, scientific book on critical cleaning, emphasizing studies, testing and data. Also includes anecdotal information with proper discussion and evaluation, putting one of its feet in the "Handbook" category.” *K. Luey, Aerospace Corporation*

Second Edition scheduled for publication, April 11, 2011

Handbook for Critical Cleaning, Second Edition – Two volume set: \$179.95

Individual volumes:

Handbook for Critical Cleaning: Cleaning Agents and Systems - \$99.95

Handbook for Critical Cleaning: Applications, Processes, and Controls - \$99.95

Information, Updates

Contact Barbara or Ed Kanegsberg, BFK Solutions LLC 310-459-3614, info@bfksolutions.com; go to http://www.bfksolutions.com/Newsletter/HBCC2_TableContents.html for a Table of Contents