

### ABOUT THE AUTHOR

After graduate school and a tour of duty in the Army, John Wojtowicz embarked on a career as a research chemist, obtaining over 55 US patents on new products and processes and authoring over 50 scientific articles published in peer-reviewed journals.

He also has written 5 state-of-the-art articles totaling some 150 pages for the 27-volume Kirk-Othmer Encyclopedia of Chemical Technology. These include: Dichlorine Monoxide, Hypochlorous Acid, and Hypochlorites; N-Halamines; Cyanuric Acid; Ozone; and Treatment of Swimming Pools, Spas, and Hot Tubs.

His bio has appeared in Who's Who in Frontiers of Science and Technology and American Men and Women of Science.

In his dissertation research he studied the key reactions ( $O + O_2 + M \rightarrow O_3 + M$  and  $O + O_3 \rightarrow 2O_2$ ) that determine the ozone concentration in the earth's ozone layer.

His career as a research chemist with Du Pont and Olin spanned some 42 years and included individual research and managing a research team. In addition to new products, he developed numerous processes for manufacture of various chemicals including high-energy rocket fuels and oxidizers, flame-retardants, corrosion inhibitors, surfactants, sanitizers, fungicides, urethanes, specialty chemicals, etc.

In addition to his research work, he served as an advisor to the vice president of technology on new areas of research.

Despite his responsibilities as a researcher, manager, and advisor, he still found time to teach chemistry at Southern Connecticut State University.

Since retiring from Olin Corporation as a Senior Scientist, he has been working as a consultant for various chemical companies as well as an expert witness in the area of product liability.



THE CHEMISTRY AND TREATMENT OF SWIMMING POOL AND SPA WATER

WOJTOWICZ

# THE CHEMISTRY AND TREATMENT OF SWIMMING POOL AND SPA WATER

BY JOHN A. WOJTOWICZ