

The Chemistry and Treatment of Swimming Pool and Spa Water

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Preface

This book is based on a series of articles on the chemistry and treatment of swimming pools and spas published in the Journal of the Swimming Pool and Spa Industry from 1995 to 2005. Two of the articles ("Bromoisocyanurates" and "Swimming Pool and Spa Safe Storage and Shipping Temperatures") have not been published. Many of the articles have been revised, updated, and expanded. Much of the information is not available in other sources.

The book is divided into 8 chapters containing a total of 24 articles that cover the following areas: 1) Swimming Pool Chemistry; 2) The Calcium Carbonate Saturation Index; 3) Precipitation of Calcium Carbonate, 4) Factors Affecting Water Balance, 5) Cyanuric acid, 6) Effect of Cyanuric Acid on Disinfection, 7) Swimming pool and spa Sanitizers, and 8) Swimming Pool Maintenance.

Technical analysis of the various sanitizers and sanitizer systems discussed in some of the articles may not be applicable to products and systems currently in use.

This second edition includes the following new chapters:

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