## Handbook of Industrial Water Soluble Polymers

**Peter A. Williams (Editor)**

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**DESCRIPTION**

Natural and synthetic water soluble polymers are used in a wide range of familiar industrial and consumer products, including coatings and inks, papers, adhesives, cosmetics and personal care products. They perform a variety of functions without which these products would be significantly more expensive, less effective or both.

Written for research, development and formulation chemists, technologists and engineers at graduate level and beyond in the fine and specialty chemicals, polymers, food and pharmaceutical industries, the *Handbook of Industrial Water Soluble Polymers* deals specifically with the functional properties of both natural and synthetic water soluble polymers. By taking a function based approach, rather than a “polymer specific” approach the book illustrates how polymer structure leads to effect, and shows how different polymer types can be employed to achieve appropriate product properties.

## ABOUT THE AUTHOR

**Peter Williams** is Professor of Polymer and Colloid Chemistry and Director of the Centre for Water Soluble Polymers at the North East Wales Institute of Higher Education, Wrexham, UK

**Contributors:**
FEATURES

• A concise and accessible overview of the chemistry, technology and application of water soluble polymers, allowing the reader to rapidly and economically acquire a sophisticated working knowledge of these materials

• Highly practical in approach, the book focuses on how polymer structure contributes to solution behaviour and shows how different polymer types can be employed to achieve appropriate product properties.

• Primarily written by industrial chemists, the book offers a unique insight into the use of these materials.
• Brings non-experts up to speed quickly and comprehensively, providing new entrants to a range of industries with a firm understanding of the basic chemistry and technology of colloidal systems.

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