

BOOK REVIEW

Preparation, Properties, and Industrial Applications of Organofluorine Compounds. Edited by R.E. Banks, Ellis Horwood Ltd., Chichester, 1982 £32.50

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This is a companion volume to "Organofluorine Chemicals and their Industrial Applications" (Horwood, Chichester, 1979) and will be absolutely essential to all users of the previous book and should be of great use to technologists and students interested in the application of organofluorine compounds. The topics covered in the present volume, each by experts, are :

Electrochemical fluorination as a route to acid fluorides, ethers, and amines; Applications of fluorocarbon fluids in electronics; Artificial blood substitutes; Radiopaque fluorocarbons (containing bromine); Inhalation anaesthetics; The effect of chlorofluorocarbons on ozone; TFE-based fluoroplastics; Fluoroelastomers; Graphite fluoride; and Mixing and solution properties of organofluorine compounds.

The approach in each chapter (except for those on chlorocarbons - ozone and mixing properties) is from the practical and industrial side.

The only major gaps between the two volumes is updating to speciality chemicals for use as pesticides and drugs and, as remarked by the editor, information on fluorinated epoxides. The book is well edited and produced and by current standards the price is reasonable.

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