

IUPAC CHEMICAL DATA SERIES

The extensive work of chemists from all over the world on IUPAC committees has led to a continuous flow of scientific information which has, over the years, covered ever wider aspects of chemistry. The scope of IUPAC publications has now become so diverse that it is sometimes difficult, even for those directly responsible, to know where a particular document is to be found: in our own journal *Pure and Applied Chemistry*, or as an Appendix to the *IUPAC Information Bulletin*, or as a book...

The Committee on Publications, after consultation with IUPAC's Official Publisher, has decided to define more clearly the scope of our various publications, and in particular to combine into a new series all the compilations of data, numerical or otherwise, which form such an important and useful part of our publishing activity.

The *IUPAC Chemical Data Series* will bring under a common heading all compilations of data prepared under the aegis of our Divisions. These are essential documents for many chemists, especially in the fields of analytical and physical chemistry. The topics covered will depend on the views of our Divisional Committees, but in general it is intended that they should be of special interest to practising chemists.

Some of the previous publications of IUPAC would undoubtedly have fitted quite well in the Chemical Data Series, had it been launched earlier: they are being included retrospectively. Some of the tables now being published, as well as tables presently being prepared for publication, fall quite naturally into the new series and are listed overleaf. It will be seen that several subseries exist within the overall concept of the Chemical Data Series. For example, CDS Vols. 5-8 comprise the subseries *International Thermodynamic Tables of the Fluid State*.

G. OURISSON
Chairman, Committee on Publications

CHEMICAL DATA SERIES

- Vol. 1 Critical Evaluation of Some Equilibrium Constants involving Organophosphorus Extractants—Y. MARCUS (*Subseries: Critical Evaluation of Equilibrium Constants in Solution: Part B. Equilibrium Constants in Liquid-liquid Distribution Systems*)
- Vol. 2 Critical Evaluation of Some Equilibrium Constants involving Alkylammonium Extractants—A. S. KERTES (*Subseries: Critical Evaluation of Equilibrium Constants in Solution: Part B. Equilibrium Constants in Liquid-liquid Distribution Systems*)
- Vol. 3 Organophosphorus Extractants—Y. MARCUS, A. S. KERTES & E. YANIR (*Subseries: Equilibrium Constants of Liquid-liquid Distribution Reactions*)
- Vol. 4 Alkylammonium Salt Extractants—A. S. KERTES, Y. MARCUS & E. YANIR (*Subseries: Equilibrium Constants of Liquid-liquid Distribution Reactions*)
- Vol. 5 Argon, 1971—S. ANGUS & B. ARMSTRONG (*Subseries: International Thermodynamic Tables of the Fluid State*)
- Vol. 6 Ethylene, 1972—S. ANGUS, B. ARMSTRONG & K. M. de REUCK (*Subseries: International Thermodynamic Tables of the Fluid State*)
- Vol. 7 Carbon Dioxide—S. ANGUS, B. ARMSTRONG & K. M. de REUCK (*Subseries: International Thermodynamic Tables of the Fluid State*)
- Vol. 8 Helium—S. ANGUS & K. M. de REUCK (*Subseries: International Thermodynamic Tables of the Fluid State*)
- Vol. 9 Tables of Wavenumbers for Calibration of Infrared Spectrometers (2nd Edn.)—A. R. H. COLE
- Vol. 10 Ion Exchange Equilibrium Constants—Y. MARCUS & D. G. HOWERY
- Vol. 11 Kinetic Parameters of Electrode Reactions of Metallic Compounds—R. TAMAMUSHI
- Vol. 12 Dissociation Constants of Organic Bases in Aqueous Solution: Supplement 1972—D. D. PERRIN
- Vol. 13 Selected Constants: Oxidation-Reduction Potentials of Inorganic Substances in Aqueous Solution—G. CHARLOT, A. COLLUMEAU & M. J. C. MARCHON

Material in preparation (volume number to be assigned on publication) includes:

A Critical Review of Equilibrium Data for Proton and Metal Complexes of 1,10-Phenanthroline, 2,2' - Bipyridyl, and Related Compounds - W. A. E. McBRYDE (*Subseries: Critical Evaluation of Equilibrium Constants in Solution: Part A. Stability Constants of Metal Complexes*)

Critical Survey of Stability Constants of EDTA Complexes—G. ANDEREGG (*Subseries: Critical Evaluation of Equilibrium Constants in Solution: Part A. Stability Constants of Metal Complexes*)

Compound Forming Extractants, Solvating Solvents, and Inert Solvents—Y. MARCUS, E. YANIR & A. S. KERTES (*Subseries: Equilibrium Constants of Liquid-liquid Distribution Reactions*)

Chelating Extractants—J. STARY & H. FREISER (*Subseries: Equilibrium Constants of Liquid-liquid Distribution Reactions*)

Solubility Data—coordinated by A. S. KERTES (This comprehensive multivolume work is in preparation and will form an important subseries of the Chemical Data Series)

Supplements to Stability Constants of Metal-Ion Complexes: Part A. Inorganic Ligands—coordinated by E. HÖGFELDT Part B. Organic Ligands—coordinated by D. D. PERRIN