

Book review

Metal Vapour Synthesis in Organometallic Chemistry; by J.R. Blackborow and D. Young, Springer-Verlag, Berlin, Heidelberg, New York, 1979, 202 pages: DM 98.

There have been numerous recent reviews dealing with metal vapour synthesis in organometallic chemistry. Nevertheless, it is an area of much current interest and in the last three or four years appropriate apparatus has become commercially available. The two authors have much experience in the technique. Dr. Blackborow was associated with the late Dr. E.A. Koerner von Gustorf's group and Dr. Young pioneered the technique in Dr. M.L.H. Green's laboratory in Oxford.

The book covers all aspects of the topic and is particularly good on experimental techniques. The concluding chapter brings the bibliography to the end of 1978 and even early 1979. The total number of references cited is more than 500. The chapter headings are: 1. The Basic Principles (9 pages), 2. Practical Aspects of Metal Vapour Synthesis (33 pages), 3. Properties of Metal Atoms and Interactions with Atoms and Molecules in Condensed Phases (19 pages), 4. The Reactions of Metal Atoms (111 pages), and 5. Latest Developments in Metal Vapour Synthesis (10 pages). There is also a subject index.

The reviewer's overall impression is that this is a useful book. The Preface, however, leaves a startlingly poor impression of careless proof-reading and to a lesser extent there are also trivial errors in the text.

*School of Molecular Sciences,
University of Sussex,
Brighton BN1 9QJ (Great Britain)*

MICHAEL F. LAPPERT

Erratum

Reduktion von Isopropyl- und Butylantimonbromiden mit Magnesium; by H.J. Breunig and W. Kanig.
J. Organometal. Chem., Vol. 186, No. 1 (February 19th, 1980) p. C5—C8

Page C6, eq. 2 should read:

