

Gmelin Handbook of Inorganic Chemistry. 8th edit., F – Perfluorohalogenoorgano Compounds of Main Group Elements. Supplement Volume 3. Compounds with Elements of the Main Group 6 (S^{IV} , S^{VI} , Se, and Te) and with I. Springer Verlag, Berlin etc., 1987, xi + 310 pages, DM 1311, ISBN 3-540-93540-1.

This third volume of the first set of supplements to the series on 'Perfluoro-organohalogenoorgano Compounds of the Main Group Elements', Parts 1 to 9, completes the treatment of the elements of the Main Group VI. It deals with sulphur(IV) compounds, sulphonic acids, anhydrides, and sulphonates, sulphur(VI) oxides, sulphonyl nitrogen compounds, and sulphonyl halides (a total of 208 pages), along with selenocarbonyl compounds, selenium heterocycles, and linear compounds of selenium (a total of 37 pages), tellurium derivatives (6 pages), and derivatives of iodine in oxidation states higher than one (15 pages). There is a formula index to all three Supplement Volumes 1–3.

The usual information on new compounds is included in these supplements (which take the literature coverage up to the end of 1981), and where relevant there is also additional information on compounds included in the Main Volumes. The presentation and production are of the usual very high standard, and (although no-one as far as I could see is credited with the translation) the English is markedly better than in some Gmelin volumes I have reviewed in the past.

Briefly, this is another worthy addition to this fine series.

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