

## Journal of Chemical Research, Issue 3, 1990

Other papers in the subject areas covered by *J. Chem. Soc.* are published in synopsis/microform format in *J. Chem. Research*. For the benefit of readers of *J. Chem. Soc.*, the contents list of *J. Chem. Research (S)*, Issue 3, is reproduced below.

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# Aluminium in Food and the Environment

Edited by Robert C. Massey, *Ministry of Agriculture, Fisheries and Food, Norwich*  
David Taylor, *Imperial Chemical Industries Plc, Brixham*

Special Publication No. 73



## Description and Contents:

The first half of this important new book looks at the adverse health effects associated with aluminium. The evidence for aluminium's involvement in both dialysis dementia and Alzheimer's disease are reviewed and biochemical mechanisms by which aluminium may exert its detrimental effects on brain tissue are discussed. In the second half of the book dietary sources of exposure to aluminium are described. These include water, toothpaste, antacid tablets, infant formulae, food, and leaching of aluminium cookware. For the majority of the population tea is likely to be a major source

although much higher amounts may be ingested in the form of antacid preparations. It is concluded, however, that further information is needed on the extent to which aluminium is absorbed from the gastrointestinal tract before the possible health risks can be assessed.

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Aluminium and the Pathogenesis of Neurodegenerative Disorders  
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