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Industrial planning

Surfactants

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NEWS

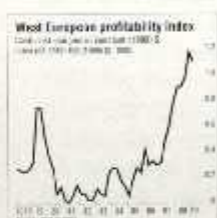
New biotechnology regulations . . . Greenpeace tackles ICI on water pollution . . . Industrial gas producers modify contracts . . . Work begins on ILO chemical safety convention . . . Amgen gets EPO approval in USA . . . CEFIC warning . . . SHOP expansion . . . People/Publications/Parliament . . .

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NEWS REPORTS

Petrochemicals in the 1990s

Good times have rolled for the European petrochemicals industry for the past two years and it is falling over itself building new plant to meet increasing demand for its products. But, is the industry rushing headlong into overcapacity again? Nigel Davis reports.



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Chemosensory research

Research in the USA into chemosensory disorders, including abnormalities of taste and smell, has been badly neglected, until now. Jeffrey Fox reports on the research in this area which will be tackled by the newly formed National Institute on Deafness and Other Communication Disorders.

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CONFERENCE REPORT

Chiral synthesis

Projections for an increasing market for chiral substances indicate a potential opportunity for the chemical industry. Trevor Laird reports on a symposium which covered a variety of approaches to industrial synthesis of optically active compounds, and academic work on ligand accelerated catalysis.

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INDUSTRIAL PLANNING

Legal Aspects of Planning Consents

Barrister John Bates describes the general principles of planning legislation and how these apply to a developer seeking planning permission for an industrial development.

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Local Authority Assessment of Applications

Chris Brough analyses the different approaches that local planning authorities take to environmental assessment. He also describes his own authority's unique handling of chemical industry planning applications.

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Technically Assessing Planning Applications

Consultants at Cremer & Warner discuss the technical information required in a planning application and how this is assessed. They also consider the problems of technically assessing a complex industrial planning application, particularly the conflicts between commercial secrecy and public information.

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Industrial Problems and Environmental Considerations

Using Environmental Assessment can facilitate the acceptance of industrial development proposals. Nicholas Pearson describes what EA can do for a developer.

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SURFACTANTS

A Time for Novelty

Surfactant chemistry is not often considered to be trembling on the frontiers of science. However, now is the time to consider molecules that have had, until recently, only novelty status. Judith Hart reports on an industrial surfactants symposium where work in very new areas was lucidly illustrated.

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COMMUNICATIONS TO THE EDITOR

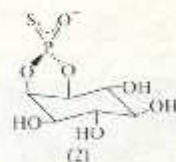
Beckmann rearrangement of aroylphosphonate oximes: a reinvestigation.

Mahabir P Kaushik and Ramamoorthy Viadyanathaswamy 389

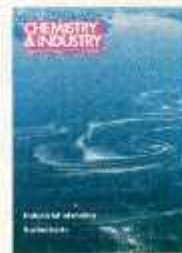
HIGHLIGHTS

Syntheses of *myo*-inositol phosphates . . . converting amino acids into amino-alcohols . . . cation binding properties of ionophore natural products . . . understanding the intermolecular organisation of molecules in the liquid crystalline state . . . 'precursor-directed biosynthesis' . . . inorganic 'catalytic antibodies' . . . developments in ligand chemistry

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Cover photograph: Ocean currents in the bay of Valdez, Alaska, following the recent oil spillage. The non-toxic surfactant sodium dioctylsulfosuccinate (p384) can be used to disperse oil-water emulsions. Photo courtesy of Associated Press.



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