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Supercritical Extraction: A Bibliographic Guide (1980-1993)

Martyn S. Ray[a]
[a] DEPARTMENT OF CHEMICAL ENGINEERING, CURTIN UNIVERSITY OF TECHNOLOGY, PERTH, WESTERN AUSTRALIA

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Supercritical Extraction: A Bibliographic Guide (1980–1993)

MARTYN S. RAY
DEPARTMENT OF CHEMICAL ENGINEERING
CURTIN UNIVERSITY OF TECHNOLOGY
GPO BOX U1987, PERTH 6001, WESTERN AUSTRALIA

This article provides a bibliographic listing of journal papers published between 1980–1993 concerned with supercritical extraction. This paper provides coverage of a topic of relatively recent interest (since 1980) but which is growing rapidly in terms of applications and the number of publications each year. Supercritical extraction (often using carbon dioxide) has been used for the extraction of caffeine from coffee beans, and removal of aromatics and oils from plant materials. Recent interest has centered on environmental problems and it is currently being investigated as a possible technique for the separation and recycling of polymer materials. Other applications are emerging in the biotechnology area. This bibliography is timely in that it provides a quick and easy reference source, and a more detailed coverage than has been provided in other bibliographic papers (1–3). The following topics are included in this paper:

1.1. Physical and Thermodynamic Property Data
1.2. Phase Equilibrium Data
1.3. Supercritical Extraction Processes and Applications

The references are taken from the 40 most important chemical engineering journals. A complete bibliography of the chemical engineering journal literature from 1967–1991 has also been published by the author (4–6).

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