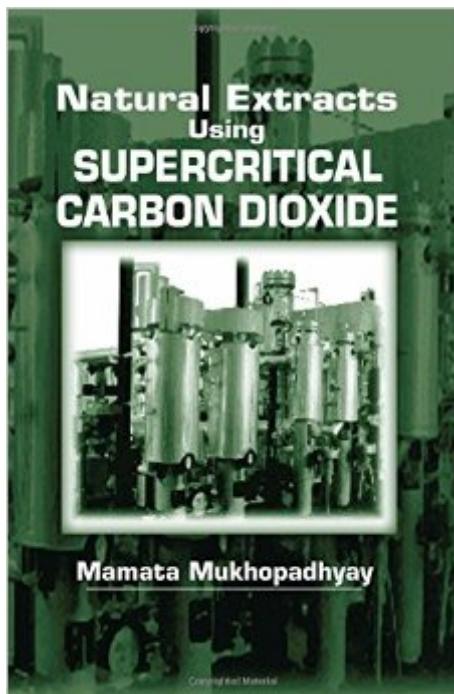


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# Natural Extracts Using Supercritical Carbon Dioxide



## **Synopsis**

Synthesizing research from a wide variety of sources, this work offers a convenient guide to a clean, safe, inexpensive, non-toxic, non-polluting solvent that performs better than most conventional solvents. *Natural Extracts Using Supercritical Carbon Dioxide* reviews recent development in the technology and its applications to the food, flavor, fragrance, and pharmaceutical industries. It outlines the many advantages the method has over traditional methods like steam distillation, solvent extraction, and molecular distillation and it supports the popular trend toward the use of natural products in these industries.

## **Book Information**

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## **Customer Reviews**

This book covers one of the most interesting topics for producing natural extracts without solvent residues in the product. Further it is possible to fractionate the products by changing pressure and temperature in the down stream process very low energy consumption compared to traditional methods. I am wondering why there is no stronger interest from industry for this technology, because up to now only few plants of industrial scale are operated with this technology, although a lot of research work has been done up to now. I hope that this book rises the interest for this very actual and profitable technology. I am doing research in high pressure extraction for more than 10 years but it is very difficult to persuade the industrial partner to introduce such a plant in their companies. I want to congratulate the author for this very detailed and good understandable book. Thomas Gamse

I did not finish studying but received many very useful tips and information. I am a beginner in SFCE

and have to learn a lot out of all the information. What I have seen up today its a very usefull book I can recomend you. More details I can tell when finising study.

This is an expensive book, but worth every penny. Packed with practical information presented in a no-nonsense style. If you are interested in SCFE, this is the best book I have found so far, I only wish the author had other books offered on ! The book has excellent diagrams for many extraction mechanisms, not merely SCFE. The author also provides an excellent description of the various types of botanical extracts, and historical methods also. Much detail that will be of interest to anyone involved with essential oils or other botanical extracts for perfumery, cosmetics or the food industry.

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