

The Complete Technology Book of Essential Oils (Aromatic Chemicals) Reprint-2011

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Format: paperback

Code: NI58

Pages: 640

Price: Rs.1275US\$ 125

Publisher: NIIR PROJECT CONSULTANCY SERVICES

Usually ships within 5 days

Essential oils are also known as volatile oils, ethereal oils or aetherolea, or simply as the oil of the plant from which they were extracted. Essential oils are generally used in perfumes, cosmetics, soaps and other products, for flavoring food and drink, and for adding scents to incense and household cleaning products. Various essential oils have been used medicinally at different periods in history. Medical applications proposed by those who sell medicinal oils range from skin treatments to remedies for cancer, and often are based solely on historical accounts of use of essential oils for these purposes. Interest in essential oils has revived in recent decades with the popularity of aromatherapy, a branch of alternative medicine that claims that essential oils and other aromatic compounds have curative effects. Oils are volatilized or diluted in carrier oil and used in massage, diffused in the air by a nebulizer, heated over a candle flame, or burned as incense.

This book describes about the physicochemical properties, chemical composition, distillation, yield, quality of essential oils, process of extraction of essential oils, manufacture of essential oils, products derived from essential oils and so on.

The book in your hands contains formulae, processes, and test parameters of different types of essential oils derived from different natural sources. This is very helpful book for new entrepreneurs, professionals, institutions and for those who are already engaged in this field.

I. ESSENTIAL OILS OF THE PLANT FAMILY RUTACEAE

1. Essential Oils of the Genus Citrus

The Expression of Citrus Oils

The Occurrence of Essential Oils in the Peels of Citrus Fruit

Hand Processes

Machines Treating Separated Peels

Superficial Working of Whole Fruit by Rasping Machines

Deterioration of Citrus Oils During Expression

(Causes, Nature and Prevention)

Treatment of Citrus Fruit or Peel by High Pressure

Distillation of Citrus Fruit And Peel

Modern, Large-scale Citrus Juice - And Oil Pressing Equipment

Distilled North American Citrus Oils

California Citrus Oils

Florida Citrus Oils

Citrus Production in Texas And Other Southern States

2. Oil of Lemon
California Lemon Oil
Italian Lemon Oil
Terpeneless And Sesquiterpeneless Italian Lemon Oil
Spanish Lemon Oil
Brazilian Lemon Oil
Use of Lemon Oil
Oil of Petitgrain Lemon

3. Oil of Sweet Orange
French Guinea Sweet Orange Oil
Brazilian Sweet Orange Oil
Italian Sweet Orange Oil
Spanish Sweet Orange Oil
Japanese Sweet Orange Oil

4. Oil of Petitgrain Bigarade
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Spanish Petitgrain Bigarade Oil
Italian Petitgrain Bigarade Oil
North African Petitgrain Bigarade Oil
French Guinea Petitgrain Bigarade Oil
Haiti Petitgrain Oil
Chemical Composition and Use of Petitgrain Bigarade Oil
Petitgrain Bigarade Water Oil

5. Oil of Petitgrain Paraguay
Development of Paraguay's Petitgrain Oil Industry
Handling of the Oil
Physicochemical Properties
Chemical Composition of Oil of Petitgrain Bigarade
and Petitgrain Paraguay

6. Oil of Neroli Bigarade
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Italian Neroli Bigarade Oil
Spanish Neroli Bigarade Oil
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Alegerian Neroli Bigarade Oil
Moroccan Neroli Bigarade Oil
Haiti Neroli Oil
Orange Flower Water
Orange Flower Oil by Extraction

7. Oil of Bergamot

8. Oil of Petitgrain Bergamot

9. Oil of Lime
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The West Indian Lime Industry
Method of Distillation
Yield of Distilled Lime Oil
Production of A High Quality Oil
Mexican Lime Oil
East Indian Lime Oil
Oil of Sweet Lime

10. Oil of Mandarin

11. Oil of Tangerine

12. Oil of Petitgrain Mandarin

13. Oil of Grapefruit

North American Grapefruit Oil

Brazilian Grapefruit Oil

Oil of Petitgrain Grapefruit

Oil of Neroli Grapefruit

The Keeping Qualities of Citrus Oils

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Oil of Boronia Megastigma

II. ESSENTIAL OILS OF THE PLANT FAMILY LABIATAE

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16. Oil of Basil

Oil of Sweet Basil (European Type)

Reunion Type of Basil Oil

Methyl Cinnamate Type of Basil Oil

Haiti Basil Oil

Eugenol Type of Basil Oil

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Oil of Ocimum Canum Hybrid

Oil of Ocimum Gratissimum L.

Oil of Ocimum Viride Willd

Oil of Ocimum Suave

Oil of Ocimum Sanctum

Oil of Ocimum Micranthum

18. Oil of Catnip

A. Oil of Nepeta Cataria L.

B. Oil of Nepeta Cataria Var. Citriodoura

19. Oil of Hyssop

20. Oil of Lavender

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Italian Lavender Oil

Hungarian Lavender Oil

English Lavender Oil

American Lavender Oil

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Oil of Spike Lavender

22. Oil of Marjoram

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American Pennyroyal Oil

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Sat, 17 May 2025 09:09:11 +0000