

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

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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  
French Petitgrain Bigarade Oil  
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  
French Neroli Bigarade Oil  
Italian Neroli Bigarade Oil  
Spanish Neroli Bigarade Oil  
Tunisian Neroli Bigarade Oil  
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  
The Acid Limes  
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

14. Essential Oils of Other Genera of the Plant Family Rutaceae

Oil of Angostura Bark

Oil of Boronia Megastigma

II. ESSENTIAL OILS OF THE PLANT FAMILY LABIATAE

15. Oil of Balm

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

17. Essential Oils of Other Ocimum Species

Oil of Ocimum Canum Sims

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

French Lavender Oil

Italian Lavender Oil

Hungarian Lavender Oil

English Lavender Oil

American Lavender Oil

Australian Lavender Oil

Use of Lavender Oil

21. Oil of Lavandin

Oil of Spike Lavender

22. Oil of Marjoram

Oil of Spanish Wild Marjoram

23. The Monarda Oils

Oil of Horsemint

Oil of Lemon Mint

Oil of Monarda Menthaefolia R. Grah.

24 Oil of Origanum

Spanish Origanum Oil

Moroccan Origanum Oil

Palestine And Syrian Origanum Oil

Oil of Origanum Vulgare L.

Oil of Origanum Vulgare L. Var. Viride  
Oil of Origanum Virens Hoffmg. Et Link  
25. The Orthodon Oils  
Cubic Model of Orthodon Series  
26. Oil of Patchouly  
27. Oil of Pennyroyal  
European And North African Pennyroyal Oil  
American Pennyroyal Oil

28. Oil of Peppermint  
American Peppermint Oil  
Russian Peppermint Oil  
Bulgarian Peppermint Oil  
Italian Peppermint Oil  
English (mitcham) Peppermint Oil  
French Peppermint Oil  
Argentine Peppermint Oil  
29. Japanese Mint Oil  
Chinese Mint Oil  
30. Oil of Mentha Rotundifolia  
Oil of Perilla  
31. The Pycnanthemum Oils  
32. Oil of Rosemary  
French Rosemary Oil  
Dalmatian Rosemary Oil  
Tunisian Rosemary Oil  
Russian Rosemary Oil  
Italian Rosemary Oil  
Chemical Composition and Use of Rosemary Oil  
33. Oil of Sage  
34. American Sage Oil  
35. Oil of Clary Sage  
Oil of Spanish Sage  
36. Oil of Salvia Carnosa Dougl  
The Satureia Oils  
37. Oil of Thyme  
Spanish Thyme Oil  
Chemical Composition And Use of Thyme Oil  
Oil of Thymus Hiemalis Lange  
Oil of Thymus Serpyllum L.  
36 Oil of Thymus Hiemalis Lange  
Oil of Thymus Hirtus Willd  
Oil of Thymus Serpyllum L.  
37 Essential Oils  
Agar oil  
Ajowan oil  
Camphor oil  
Cinnamon Leaf oil  
Citrus oils  
Dill Oil  
Eucalyptus Oil  
Geranium Oil  
Ginger Grass Oil

Jasmine Oil  
Khus Oil  
Lavender Oil  
Lemon Grass Oil  
Linaloe Oil  
Mint Oil  
Palmarosa Oil  
Patchauli Oil  
Sandalwood oil  
Turpentime oil  
38 Processes For Extraction of Essential Oils  
Market Survey For Essential Oil  
39 Processes For Extraction of Essential Oil  
Use of Solar Energy For Distillation  
40 Manufacture of Essential Oils  
Citronella Oil  
Lemon Grass Oil  
Eucalyptus Oil  
Sandal Wood Oil  
Mentha Oil And Menthol Crystals  
Process of Manufacture  
Citrodoura Oil  
41 Rajnigandha Oil  
42 Lavender Oil  
43 Palmarosa Oil  
Lemon Oil  
Clove Oil  
Jasmine Oil  
Khus Oil  
Geranium Oil  
44 Products Derived From Essential Oils  
45 Menthol Crystals From Mentha Oil  
46 Synthetic Perfumes For Agarbatti  
47 Perfumes, Scents & Attars  
48 Eraniol, Citronellol And Hydroxy Citronello  
49 Nerol

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