

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

Author: NIIR Board

Format: Paperback

ISBN: 9788178330662

Code: NI58

Pages: 640

Price: Rs. 1,275.00 US\$ 125.00

Publisher: Asia Pacific Business Press Inc.

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.

Contents

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
Turpentine 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 Citronellol
49 Nerol

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help,

Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

NIIR PROJECT CONSULTANCY SERVICES , 106-E, Kamla Nagar, New Delhi-110007, India. **Email:** npcs.india@gmail.com **Website:** NIIR.org

Mon, 19 Mar 2018 08:57:01 +0530