

Modern Technology Of Perfumes, Flavours And Essential Oils (2nd Edition)

Author: NIIR Board

Format: Paperback

ISBN: 8186623434

Code: NI33

Pages: 844

Price: Rs. 975.00 US\$ 100.00

Publisher: National Institute of Industrial Research

Usually ships within **3** days

Since primeval times Flavors and Fragrances has been an element of our life. We have been making it a part of life. By different means we all utilize perfumery and flavor materials, in our everyday life. Fragrances have a key part in religious ceremonies as it was considered to possess strengths to cure and protect from evil. We in our routine life starting from morning till night make different uses of products for personal care and cleanliness which have perfumes. Even consumables like confectionary contain some type of perfume or flavors. Most fragrance comes naturally form many plants. This smell is known as aroma which is a Latin word and those flora which have this aroma are known as aromatic plants. These aromas are extracted from some odoriferous material called essential oils. There is no dearth of aromatic plants in India. The country is famous for its rich endowment with aromatic plant. In fact the Vedic literature one can find many references of Ayurveda Gandhshastra the science of odor which deals with the cosmetics and fragrances. The famous aromatic plants in India with medicinal uses are mint, Tulsi etc. The book tries to give a brief note on the fragrance and essential oils and has been one of the bestseller.

The book contains chapter on Standards on Essential Oils in India, Fragrance and Flavors Industry in India, Process Flavorings, The Perfumer's Raw Materials: Products of Natural Origin Essential Oils, Terpeneless Oils, The Perfumer's Raw Materials: Products of Synthetic Origin, Synthetic Ingredients of Food Flavorings, Beverage Flavorings and Their Applications, The Perfumer's Raw Materials: Products of Synthetic Origin, Citronella Oil and many more detailed chapters.

This versatile book takes way out to most realistic formulae on diversified perfumery products, flavors, essential oils etc. Taken as a whole, the book furnishes complete formulae with processes along with the technical aspect which are enormously innovative and profoundly utilitarian for new entrepreneurs as well as will act as a source of motivation to the existing units in quality improvement and cost reduction. Flow diagrams for various methods of preparation are vivid representations of the process sequence, Sequence. The enclosure section in the book also has a directory on Sources of raw materials; plant and machinery.

Contents

1. Standards on Essential Oils in India
 - Standardisation of Essential Oils
 - Standard for Essential Oils
 - Material Specifications for Essential Oils
 - Summary
 - Conclusion

2. Fragrance and Flavour Industry in India

Industry Growth in India

Production of Aroma Chemicals

Natural Raw Materials

3. Role of Trace Ingredients in Natural Perfumes

Introduction

Methods of Extraction of Natural Perfumes

Analysis of Natural Perfumes

Synthesis of Natural Perfume

Role of components in Citrus Oils & Mint Oils

Trace Components and threshold values

Conclusion

4. Essential Oils

Introduction

The Production of Essential Oils

Further Processing of Essential Oils

The uses of Essential Oils

The Composition of Essential Oils

5. Synthetic Ingredients of Food Flavourings

General aspects

Synthetic Flavour Ingredients

Synthetic Flavour Ingredients and the future

6. Beverage Flavourings and Their Applications

Introduction

Categories of Beverages

Types of flavouring for Beverages

Methods of extraction solubelization & Concentration of Flavouring

7. Flavours

Flours from Ingredients

Flavours Developed During Processing

Selection of Flavourings

8. Dairy Flavourings

Introduction

Development of Flavour in Dairy Products

Instrumental Analysis

9. Process Flavourings

Introduction

Research into Beef Flavour

Creating a Process Flavouring

Applications of Process Flavourings

The Safety Question

Process Flavouring in the Future

10. Historical & Biographical

11. The Perfumer's Raw Materials: Products of Natural Origin

Introduction, Concretes & Absolutes

Concrete Oils

Absolute Oils

Essential Oils derived from distillation

Essential Oils obtained by expression

Isolated etc. from Essential Oils

Natural Odorants as Tinctures

Balsams & Raisins

12. The Perfumer's Raw Materials: Products of Natural Origin

Essential Oils, Terpeneless Oils

13. The Perfumer's Raw Materials: Products of Natural Origin

Tinctures, Raisins, Balsams

Tinctures

Infusions

Absolutes

14. The Perfumer's Raw Materials: Products of Synthetic Origin

Rose Odorants

Jasmine Odorants

Orange Flavour and Neroli Odorants

Muguet Odorants

Green Ootes

Fruity Notes

Woody Notes

Empyreumatic Notes

The Salicylates

Animal Ootes

Accetates

The Fatty Alcohols, Aldehydes and Acetates

Anisates

Anthranilates

Benzoates

Butyrates

Caproates

Cinnamates

Formates

Phenylacetates

Propionates

Tiglates

Valerates

15. Formulary Section: Flower Perfumes

Rose Jasmine
Orange Flower & Neroli
Violet
Acacia
Broom
Carnation
Cyclamen
Fougere (Fern)
Gardenia
Hawdthorn
Heliotrope
Honeysuckle
Hyacinth
Iris
Lilac
Lilly of the Valley
Linden
Magnolia
Mignonette (Reseda)
Mimosa
Narcissus
Nardo
New-Mown-Hay
Nicotiana
Opopanax
Orchid
Pansy
Peony
Phlox
Stocks
Sweet Pea
Syringa (Philadelphus)
Treele (Clover)
Tuberose
Verbena
Wall Flower
Wisteria
Ylang Ylang

16. Formulary Section: Sophisticated or Fantasy Perfumes

Flower Bouquets Perfumes
Aldehydic Perfumes
Chypre Types
Oriental Perfumes
Green Perfumes
Dominent Note Types
The Ampergris Notes
Manufacturing Process
Alcoholic Strengths
Control

17. Colognes: Eaux de Toilette: Perfumes for Men

Eau - de - Cologne
Toilet Waters
Modifies Colognes
Perfume for Men

18. Packaging and Marketing
The Importance of Presentation
Packaging in the Past
The Impact of Aerosols
Giving a Perfume Identity
Who Makes the Decision
Perfume and World of Fashion
National Preferences
Question of Colour

19. The Production of Natural Perfumes
The Perfume in the Plant
Production
Statistics

20. Odour Classification and Fixation
Top Note
Middle Note
Basic
Duration of Evaporation Table

21. Monographs on Flower Perfumes
Acacia
Carnation
Cassie
Chypre
Cyclamen
Fern Gardenia
Hawthorn
Heliotrope
Honeysuckle
Hyacinth
Jasmine
Lilac
Lily
Magnolia
Mimosa
Narcissus
New Mown Hay
Orange Blossom
Orchids
Reseda
Rose
Sweet Pea
Trefle
Tuberose
Violet
Wall Flower

22. Menthol Oils

Introduction

Property & Structure

Uses & Application

Market Survey

Material & Methods

Manufacturing Process

Cost Estimation

23. Essential Oil from Flowers and Leaves

Introduction

Properties of Essential Oils

Uses

Market Survey

Essential Oils in India & Trade

Manufacturing Process

Cost Estimation

24. Essential for Biscuit Confectionery

Introduction

Compounding

Uses & Applications

Market Survey

Formulations of Non-Alcoholic Flavour

Cost Estimation

25. Jasmine and Lily Flower Oil

Introduction

Properties

Composition

Uses

Market Survey

Manufacturing Process

Cost Estimation

26. Extraction of Jasmine Essence

Introduction

Properties

Uses

Market Survey

Manufacturing Process

Cost Estimation

27. Extraction of Oil (Cardamom, Jeera, Ajowan, Genger Oil)

Introduction

Ajowan (Bishops Weed)

Cardamom

Cumin

Ginger

Orangepeel Oil

Process of Manufacture

Cost Estimation

28. Extraction of Essential Oil & Packing

Introduction

Ajowan

Cardamom

Cumin

Ginger

Orangepeel Oil

Market Potential

Manufacturing Process

Cost Estimation

29. Eucalyptus Oil

Introduction

Properties

Uses & Applications

Market Survey

Process of Manufacture

Cost Estimation

30. Lemon Gass Oil

Introduction

Uses and Properties

Market Survey

Manufacturing Process

Cost Estimation

31. Ginger Oil

Introduction

Uses and Applications

Market Survey

Manufacturing Process

Cost Estimation

32. Aromatic Perfumery Compounds

Introduction

Properties & Uses

Market Position

Manufacturing Process

Cost Estimation

33. Agarbatti Perfumery Compounds

Introduction

Market Survey

Process of manufacture

Cost Estimation

34. Nilgiri Oil

Introduction

Properties Uses & Application

Market Survey
Manufacturing Process
Cost Estimation

35. Citronella Oil

Introduction
Properties
Uses & Applications
Market Survey
Process of Manufacture
Cost Estimation

Supplier of Plant & Machineries

Raw Material Suppliers

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

Sat, 16 Feb 2019 00:46:28 +0530