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 5 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 Gandhsashastra 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.


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

NIIR Project Consultancy Services (NPCS) 1/8
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
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

Rose Odorants
Jasmine Odorants
Orange Flavour and Neroli Odorants
Muguet Odorants
Green Ootes
Fruity Notes
Woody Notes
Empyreumatic Notes
The Salicylates
Animal Ootes
Acetates
The Fatty Alcohols, Aldehydes and Acetates
Anisates
Anthranilates
Benzaotes
Butyrates
Caproates
Cinnamates
Formates
Phenylacetates
Propionates
Tiglates
Valerates
15. Formulary Section: Flower Perfumes
Rose Jasmine
Orange Flower & Neroli
Violet
Acacia
Broom
Carnation
Cyclamen
Fougere (Ferm)
Gardenia
Hawthorn
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)
Tuberoze
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 Week)
   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.


NPCS also publishes varies 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.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.
A wide variety of flavours essential oil options are available to you, such as supply type, raw material. C is the Perfume Grade, we can use it for flavors & fragrances, beauty and skin care. About product and suppliers There are 1,485 suppliers who sells flavours essential oil on Alibaba.com, mainly located in Asia. The top countries of suppliers are India, China, and India, from which the percentage of flavours essential oil supply is 30%, 68%, and 30% respectively. Related Search