# 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 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**

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

 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

 Synthetic Ingredients of Food Flavourings General aspects
 Synthetic Flavour Ingredients
 Synthetic Flavour Ingredients and the future

6. Beverage Flaourings 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 (Ferm)
Gardenia

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 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.

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 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.

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

Sat, 09 Mar 2024 01:08:33 +0530