

How to Manufacture Herbal Cosmetics and Perfumes

Introduction

Herbal perfumes and cosmetics have been into usage from time immemorial and are made using natural herbs and ingredients that are healthier and beneficial for the skin. These are less likely to cause any damaging effect and the radiance they add to the skin. These days a number of beauty products that are using the herbal formulae have got lot of attention and have been witnessing a huge rise in demand not only nationally but on international arena.

Bath and beauty products use herbs for both their scents and therapeutic qualities. Herbal products are replacing the synthetic products because of its harsh nature. To exploit the knowledge that has got the genesis in our country the book aims to provide recourse of pragmatic formulae of diversified herbal perfumes and cosmetics. Over all, the book contains formulae, processes, technicalities

which are immensely innovative and profoundly utilitarian for new entrepreneur as well as motivate the existing units in quality improvement and cost reduction. The major contents of the book are creation of herbal perfumes, blending of fragrances, principle of manufacture, infrared spectra of pure herbal products, application of herbal products in body care, facial care, hair care, list of raw materials used for the creation of

perfumery, manufacturing procedures for the preparation of toilet products, formulas of different types of perfumery, list of perfumes and cosmetics, photographs and details of machineries, toiletries manufactures and machinery suppliers in directory section. The book is highly recommended to new entrepreneurs, existing units who wants to diversify from synthetic to herbal products, research centers, professionals and libraries.

Table of Contents

1. Introduction of Perfumery

Terminology

Scientific and Medical Aspects

Perfumes and the skin

Technological Aspects

How Does Perfume Appeal?

Choosing a Perfume

An International Industry

2. History of Fragrance

The Ancient World

Orientalia

The Middle Ages

Influence of the Spice Trade

The Americas

Scents and "Sophistication"

The Modern World

3. The Sense of Smell

How the Brain Processes Odour

Essential Oil Absorption through the Skin

Fragrance and Health

Olfactory Deprivation

Odour and Eros

4. Scent and Psyche

Further Therapeutic Applications

Anxiety And Stress

Stimulation

Scent and Soul

5. Classification of Odours and Odorants

6. Creating a Herbal Perfume

Working within a Framework

Price

Packaging

Inspiration

The Practical Foundation

Inspiration : Response to Stimuli

Trial and error

Colours

Jeancard on Composition

Limitations of Published Formulae

The Perfumer's Knowledge of Chemistry

The Method of Carles

Analysing the Properties of Odours

Tone

Volatility

Intensity

Volume

Atmosphere

Tenacity

Fixation

Systematic Recording of Data

7. Raw Materials: Products of Natural Origin

Introduction : Concretes, Absolutes

Concrete Oils

Absolute Oils

Essential Oils derived from Distillation

Essential Oils obtained by Expression

Isolates, etc. from Essential Oils

Natural Odorants as Tinctures

Balsams and Resins

Concrete Oils or 'Concretes'

Absolute Oils

Floral S/eries: Rose Notes

Absolute Oil of Rose de Grasse

Jasmin Notes

Hyacinth Notes

Lilac and Lily

Absolute Oil of Lilac

Lily-of-the-Valley

Orangeblossom Notes

Orangeflower Absolute

Absolute oil of Orangeflower Water

Absolute Oil of Syringa

Tuberose Notes

Absolute oil of Tuberose

Absolute oil of Narcissus

Absolute oil of Jonquil

Absolute oil of Champaca

Absolute oil of Honeysuckle

Absolute oil of Lily

Violet Notes

Absolute oil of Violet

Absolute oil of Parma Violet
Absolute oil of Violet Leaves
Absolute oil of Boronia
Absolute oil of Cassie
Absolute oil of Mimosa
Absolute oil of Iris
Mignonette
Woody Series: Sandal Notes
Peppery Notes
Absolute Oil of Thyme
Caryophyllaceous Notes
Absolute oil of Carnation
Absolute oil of Cloves
Absolute oil of Tobacco Flower
Rural Series: Herbaceous Notes

Absolute oil of Flouve

New Mown Hay Absolute

Absolute Oil of Lavender

Absolute oil of Lavandin

Tea Leaf Absolute

Green Notes

Oakmoss (Mousse de Chene)

Absolute oil of Fern

Absolute Oil of Ivy

Absolute oil of Tree Moss (Mousse d'Arbre)

Vetiver Absolute

Balsamic Series: Resinous Notes

Absolute Oil of Cypress

Absolute Oil of Fir Needles

Vanilla Notes

Absolute Oil of Vanilla
Absolute Oil of Heliotrope
Fruity Series
Absolute Oil of Fig Leaves
Animal Series: Amber Notes
Ambrette Seed Absolute
Angelica Absolute
Cumin Absolute
Labdanum Absolute
Clary Sage Absolute
Maritime Notes
Seaweed Absolute
Musk Notes
Costus Absolute
Empyreumatic Series: Tobacco Notes

Mate (Vert) Absolute

Melilot Absolute

Tobacco Leaf Absolute

Tonka Bean Absolute

Essential Oils, Terpeneless Oils

Agar

Ajowan

Almond Oil, Bitter

Ambrette Seed

Amyris

Angelica (*Angelica archangelica*)

Angelica

Family

Extraction

Medicinal Action

Emotional Attribute

Anise (*Pimpinella amisum*)

Family

Extraction

Medicinal Action

Emotional Attribute

Considerations

Associated Oils

Star Anise (*Illicium verum*)

Araucaria

Arnica

Artemisia (Armoise)

Atractylis

Backhousia

Basil (*Ocimum basilicum*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Emotional Attribute

Considerations

Associated Oil

Reunion Basil (*O. basilicum*)

East Indian Basil (*O. gratissimum*)

Hairy Basil (*O. canum*)

Bay (*Laurus nobilis*)

Family

Extraction

Medicinal Action

Emotional Attribute

Associated Oil

Bay Rum Tree (*Pimenta racemosa*)

Allspice (*P. dioica*)

Benzoin (*Styrax benzoin*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Emotional Attribute

Considerations

Associated Oil

Balsam of Tolu (*Myroxylon balsamum*)

Balsam of Peru (*M. balsamum* var. *Pereirae*)

Styrax (*Liquidamber orientalis*)

Bergamot (Citrus bergamia)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Emotional Attribute

Considerations

Associated Oil

Birch (Betula lenta)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Considerations

Associated Oil

Birch Tar Oil

White Birch (*B. alba*)

Wintergreen (*Gaultheria procumbens*)

Bellary Leaf Oil

Bois De Rose

Buchu Leaf Oil. *Barosma betulina* (Rutaceae)

Cabreuva. *Myrocarpus* spp.

Cajuput (*Melaleuca cajuputi*) etc.

(Myrtaceae). B.C. 3.

Calamus (*Acorus calamus*) (Aroideae). B.C. 4c.

Camomile

Roman camomile (*Anthemis nobilis*)

(Compositae). B.C. 3c.

Camphor

Cananga (*Cananga odourata*) (Anonaceae)

Calendula (*Calendula officinalis*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Associated Oil

Marigold (*Tagetes minuta* and *T. patuh*)

Caraway (*Carum cravi*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Emotional Attribute

Considerations

Cardamom (*Elettaria cardamomum*)

Family

Extraction

Medicinal Action

Emotional Attribute

Associated Oil

Carrot Seed (*Daucus carota*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Caulophyllum Inophyllum

Cedarwood (*Cedrus species*)

Family

Extraction

Medicinal Action

Cosmetic/Skin Use

Emotional Attribute

Considerations

Associated Oil

Moroccan Cedar (*C. Libani*)

Atlas Cedar (*C. atlantica*)

Tibetan Cedarwood (*C. deodara*)

Thuja (*Thuja occidentalis*)

Celery (*Apium graveolens*)

Family

Extraction

Medicinal Action

Chamomile, German (*Matricaria recutita*,
formerly *M. chamomilla*)

Chamomile, Roman (*Chamaemelum nobile*,
formerly *Anthemis nobilis*)

Cinnamon (*Cinnamomum zeylanicum*)
Clary Sage (*Salvia sclarea*)
Clove Bud (*Syzygium aromaticum*, formerly
Eugenia caryophyllata)
Coriander (*Coriandrum sativum*)
Cumin (*Cuminum cyminum*)
Cypress (*Cupressus sempervirens*)
Cassia
Citronella
Java-type citronella Oil
Cognac Oil
Copaiba Balsam Oil
Costus
Cubeb
Davana
Dill (French: Aneth) (*Anethum*

graveolens) (Umbelliferae)

Elcampane (root) (Inula helenium)

(Compositae). B.C. 1 g.

Elemi Oil

Estragon

Eucalyptus (Eucalyptus globulus)

Fennel (Foeniculum vulgare)

Fir (Abies alba and other species)

Frankincense (Boswellia carterii) 1

Galbanum (Ferula galbaniflua)

Geranium (Pelargonium graveolens)

Ginger (Zingiber officinale)

Helichrysum (Helichrysum angustifolium)

Hyssop (Hyssopus officinalis)

Inula, Sweet (*Inula graveolens*, or *I. odourata*)
Jasmine (*Jasminum officinale* and
J. grandiflorum)
Juniper (*Juniperus communis*)
Labdanum (*Cistus labdaniferus*)
Lavender (*Lavandula angustifolia*, previously *L. vera*
and *L. officinale*)
Lemon (*Citrus limon*)
Lemongrass (*Cymbopogon citratus*)
Lovage (*Levisticum officinale*)
Marjoram (*Origanum marjorana* or *Marjorana*
hortensis)
Melissa (*Melissa officinalis*)
Mimosa (*Acacia decurrens* var. *dealbata*)

Myrrh (*Commiphora myrrha*)

Myrtle (*Myrtus communis*)

Oakmoss (*Evernia Prunastri*)

Orange (*Citrus sinensis*)

Orange Blossom (Neroli) (*Citrus aurantium* var. *amara*)

Patchouli (*Pogostemon cablin*)

Pepper, Black (*Piper nigrum*)

Peppermint (*Mentha piperita*)

Ravensare (*Ravensara aromatica*)

Rose (*Rosa damascena*, *R. gallica*, and others)

Rosemary (*Rosmarinus officinalis*)

Rosewood (*Aniba rosaeodora*)

Sage (*Salvia officinalis*)

Sandalwood (*Santalum album*)

Spikenard (*Nardostachys jatamansi*)

Tea Tree (*Melaleuca alternifolia*)

Thyme (*Thymus vulgaris*)

Tuberose (*Polianthes tuberosa*)

Vanilla (*Vanilla planifolia*)

Vetiver (*Vetiveria zizanoides*)

Violet (*Viola odourata*)

Yarrow (*Achillea millefolium*)

Ylang-Ylang (*Cananga odourata*)

Expressed Essential Oils

Citron

Grapefruit

Lemon

Lime

Mandarin

Oranges Bitter
Orange, Sweet
Tinctures, Resins, Balsams
Tinctures
Infusions
Absolutes
Balsams and Resins
Benzoin
Copaiba
Galbanum
Labdanum
Myrrh and Frankincense
Olibanum
Opopanax
Peru Balsam
Styrax or Storax or Liquidambar

Tolu Balsam

8. Natural Isolates and Reconstituted

Essential Oils

Reconstituted Essential Oils

Natural Isolates

Derivatives from Isolates

Aldehydes

Ketones

Terpene Chemicals

9. The Rose Fragrance

Historical Background

Perfumery Value

Rose Growing
Nomenclature and Isolates
Extraction Methods
Adulteration
Medicinal Properties of Rose
Economics

10. Production Economics of Jasmine

Concrete
Present Position in India
Scope of Jasmine Oil Industry in Tamil
Nadu
Economics

**11. Fragrances through Kondakov Reaction
of Terpenes**

12. Fragrances Through Ozonisation of Terpenes

13. Carvenone

14. Infrared Spectra of Pure Herbal Fractions

15. Raw Materials: Products of Synthetic Origins

Roses Odorants

Jasmin Odorants

Orangeflower and Neroli Odorants

Muguet Odorants

Green Notes

Fruity Notes

Peach

Apricot

Plum

Mirabelle

Strawberry

Raspberry

Blackcurrant

Fig

Hazel

Bitter Almond

Aniseed

The Citrus Oils

Melon

Angelica oils
Woody Notes
Empyreumatic Notes
The Salicylates
Benzyl Salicylate
Isobutyl Salicylate
Methyl Salicylate
Ethyl Salicylate
Phenylethyl Salicylate
Animal Notes
Musks, Synthetic
Civet, Synthetic
Ambergris, Synthetic
Castoreum, Synthetic

Acetates

The Fatty Alcohols, Aldehydes and Acetals

Fatty Alcohols

Fatty Aldehydes

Pseudo-Aldehydes

Acetals

Anisates

Anthranilates

Benzoates

Butyrates

Caproates

Cinnamates

Formates

Phenylacetates

Propionates

Tiglates

Valerates (Valerianates)

16. Principles of Manufacture

Pressing

Maceration

Digestion

Infusion

Absorption or Enfleurage Process

Distillation

Extraction by Volatile Solvents

Ripening, Preservation, Etc.

17. Essential Extracts

Floral Oils

Selection of Site

Raw Materials

Treatment of the Ingredients

Manufacture by Maceration

Concentrating the Preparations

Hastening the Process

Tier System

Another Tire Arrangement

Oil direct from the seeds

Recipes

Bela Oil

Jasmine Oil

Chameli Oil

Champaka Oil

Kantali Champaka Oil

Jahuri Champaka Oil

Dolan Champaka Oil

Nageswar Champaka Oil

Henna Oil

Gul Henna Oil

Musk Henna Oil

Janti Oil

Mallika Oil

Tuberose Oil

Rose Oil

Bakul Oil

Ketaki Oil

Kamini Oil

Lemon Flower Oil
Gandharaj Oil
Madhumalati Oil
Khus Oil
Lotus Oil
Storing

18. Essences and Ottos

Preparation Of Essences
Mode of Preparation
Floral Extracts
Classes Of Essences
Blending
Filtering And Packing
Natural Essences
Bakul

Henna

Musk Henna

Ketaki

Bela

Mallika

Gandharaj

Hasu-No-Henna

Champaka

Jahuri Champaka

Kantali Champaka

Rose

Tuberose

Chameli

Jasmine

Khus

Janti

Orange

Ambergris

Musk

Patchouli

Cloves

Lavender

Pumelo

Cassia

White Rose

Orange

Bergamot

Violet

Rose Geranium

Lemon

Sandalwood

Artificial Essences

Simple Essences

Essences from Country Ottos

Handkerchief Essences

Compound Essences

Preparation of ottos

Floral Ottos

Rose

Bela

Chemeli

Jasmine

Mallika

Madhumalati

Henna

Musk Henna

Champaka

Kantali Champaka

Jahuri Champaka

Dolan Champaka

Nageswar Champaka

Bakul
Ganharaj
Hasu-No-Henna
Patchouli
Tuberose
Keora
Kamini
Khus
Janti
Pumelo
Shephalica
Sandalwood
Artificial Ottos
Marketing

19. Aromatic Waters

Rose And Keora Water
Rose Water and Otto
Keora Water

20. Blending: The Perfumer's Art

Blending for Fragrance

Classifying Odours

Perfume Categories

Floral (F)

Oriental (F/M)

Chypre (F/M)

Green (M/F)

Fougere (M)

Citrus (M)

Perfume Notes

Top Notes

Middle Notes

Base Notes

Perfume Fixatives

Top, Middle and Base Notes

Aspects of Blending

Odour Intensity

Beginning Blending

Therapeutic Blending

Safety

Purpose

Application

Step-by-Step Blending

Required Suppliers

Sample Recipes

Perfume cologne

Ancient perfume formulations

Natural Ingredients in Commercial Perfumes

Perfume Formulas Throughout History

Blending with imagination

21. Body Care

The Aromatic Bath

Floating Aromatic Bath Oils

Dispersing Bath Oils

Aromatic Bath Vinegar

Aromatic Bath Salts

Aromatic Combinations for the Bath

Steam Baths

An Aromatic Bath Experience

Foot or Hand Bath

Aromatic Body Powders

Aromatic Hair Care

An Aromatic Miscellany

22. Facial Care

Beauty Techniques

Cleansers

Steaming

Exfoliates

Masks

Toners

Aromatic Hydrosols

Fragrant Waters

Moisturizers

Herbs and Essential Oils for the Skin

Home Facial Routine

Skin Types

"Normal" Skin

Dry Skin

Oily Skin

Combination Skin

Problem Skin

23. Hair Oil and Toilet Preparations

Scented Hair Oils

Popularity of Hair Oils

Chief Constituents

Base oils

Vegetable Base Oils

Mineral Base Oils

Benzoated Oils

Floral Oils in Hair Oil Making

Incorporation of Perfumes

Manipulations

Filtration And Refining

Filtration of Thick Oils

Refining with Animal Charcoal

Coconut Oil Refining

Deodourising Coconut Oil

Refining Castor Oil

Deodourising Castor Oil

Refining Groundnut Oil

Bleaching Groundnut Oil

Addition of scents

Colouring Hair Oils

Marketing

24. Toilet Preparations

Hair Lotions

Lipsticks

Pomades

Pomade A La Rose

Vanishing Cream

Cold Cream

Face Powders

Talcum Toilet Powder

Face Lotion

Sun Burn Lotion

Nail Polishes

Finger-Tip Colouring

Freckle Lotion

Rouge Sticks

Hair Fixative

Non-Greasy Hair Cream

Cantharides Hair Wash

Coconut Oil Shampoo

Lime Juice Cream

Lime Juice Glycerine

Wrinkle Remover

Bindi Liquid

Bindi stick

Liquid Brilliantine

Corn Salve

Stick Cosmetic

Scent Cards

Perfume Tablet

Solid Perfume

25. Toilet Waters

Lavender Water

Amber Lavender

Lily Lavender

English Lavender Water

Ambergris Lavender Water

Eau De Lavender Millefleurs

Odoriferous Lavender Water

Florida Water

Voilet Water

Eau De Cologne

26. Taral Alta

Mode of Preparation

Marketing

Rose

Sandal

Lavender

Lily

Henna

Khus

Violet

Cherry Laurel

Tuberose

Bela

Jasmine

Champaka

Bakul

Rose

27. Flower Perfumes

Rose

Red Rose

Rose damascena

Niir Project Consultancy Services (NPCS)
can provide Process Technology Book on
Herbal Perfumes & Cosmetics

See more

<http://goo.gl/76CMV5>

<http://goo.gl/AeTCFD>

Visit Us At

www.entrepreneurindia.co

TAKE A LOOK AT NIIR PROJECT CONSULTANCY SERVICES ON #STREET VIEW

<https://goo.gl/VstWkd>

Locate us on Google Maps

<https://goo.gl/maps/BKkUtq9gevT2>

Niir PROJECT CONSULTANCY SERVICES

AN ISO 9001:2008 COMPANY

Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

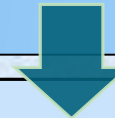
Requirement collection



Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9811043595

Fax: +91-11-23841561

Website :

www.entrepreneurindia.co

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>

Follow Us



➤ <https://www.linkedin.com/company/niir-project-consultancy-services>



➤ <https://www.facebook.com/NIIR.ORG>



➤ <https://www.youtube.com/user/NIIRproject>



➤ <https://plus.google.com/+EntrepreneurIndiaNewDelhi>



➤ https://twitter.com/npcs_in



➤ <https://www.pinterest.com/npcsindia/>



THANK YOU!!!

For more information, visit us at:

www.entrepreneurindia.co