The use of herbs for medicinal and cosmetic purpose goes back to the ancient times. The emphasis at the present hour has been laid on the spectacular growth of the herbal and ayurvedic products. The demand in past is found to have increased with increase in number of middle class population. People are now a days very much aware of the ingredients in cosmetic products, the benefits of plant products and the harmful effects of chemical ingredients. The presence of artificial and chemical ingredients in cosmetic products has made people to rethink about suitable alternatives to suit their personnel care regime. The herbal products have finally made their appearance in packaged form in the domestic markets, as cosmetics and personal care preparation such as soaps, shampoos, detergent bars, liquid soaps, liquid detergents, etc. These products play a vital role in our sense of well being and quality of life. The herbal soaps and detergents directly influence our emotions and can trigger moods. These creations not only protect the skin from harmful sun radiations but also leave behind a pleasant fragrance. Due to the increasing awareness and importance of cleanliness and healthiness, the use of herbal products is also increasing. Future demand for herbal products depends upon the per capita rate of consumption and segment of population using these products. This handbook provides detailed information on the manufacturing process of herbal soaps and detergents. This book contains numerous formulae, manufacturing process of different type of soaps and detergents which are used in day to day life. The book is an unique compilation and will be very helpful to all its readers, new entrepreneurs, professionals, beauty care product manufacturers, existing units, technical institutions, etc.

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Fixatives

Raw Materials : Herbal Products
Acacia arabica
A. indica Benth
Parts Used : Bark, gum, leaves, seeds, pods.
Acalypha Indica
(N.O. - Euphorbiaceae)
ANDROPOGON MURICATUS. Retz. or A. Squarrosus
Angelica (Angelica archangelica)
Anise (Pimpinella anisum)
Associated Oil
AZADIRACTHA INDICA
Basil (Ocimum basilicum)
BALSAMODENDRON MUKUL, HOOK. or B. agollocha
Parts Used - Gum
BALSAMODENDRON MYRRHA
(N.O. Burseraceae)
Parts Used : Gum from the bark of the tree
Bay (Laurus nobilis)
Associated Oils
Benzoin (Styrax benzoin)  
Associated Oils  
Bergamot (Citrus bergamia)  
Birch (Betula lenta)  
Associated Oils  
Calendula (Calendula Officinalis)  
Associated Oil  
Caraway (Carum carvi)  
Clary Sage (Salvia sclarea)  
Associated Oils  
Coriander (Coriandrum sativum)  
Curculigo orchioides Gaertn  
(N.O.—Amaryllidaceae)  
Ayurvedic Properties  
CURCUMA LONGA, Linn  
(N.O.—Scitaminaceae)  
Associated Oil  
Cypress (Cupressus sempervirens)  
Eucalyptus (Eucalyptus globulus)  
Associated Oils  
Fennel (Foeniculum vulgare)  
Fir (Abies alba and other species)  
Associated Oils  
Galbanum (Ferula galbaniflua)  
Associated Oils  
Geranium (Pelargonium graveolens)  
Ginger (Zingiber officinale)  
Helichrysum (Helichrysum angustifolium)  
Hyssop (Hyssopus officinalis)  
Inula, Sweet (Inula graveolens, or I. odorata)  
Associated Oil  
HEMIDESMUS INDICUS, R. BR.,
Asclepias pseudosarsa, var. latifolia  
(N.O. Asclepiadaceae)  
Jasmine  
(Jasminum officinale and J. grandiflorum)  
Associated Oils  
Juniper (Juniperus communis)  
Associated Oils  
Labdanum (Cistus labdaniferus)  
Associated Oils  
Lavender (Lavandula angustifolia, previously L. vera and L. Officinale)  
Associated Oils  
Lemon (Citrus limon)  
Associated Oils  
Lemongrass Cochin (C. flexuosus)  
Grown in India primarily for isolation of citral  
Lovage (Levisticum officinale)  
Marjoram  
(Origanum marjorana or Marjorana hortensis)  
Associated Oils  
Melissa (Melissa Officinalis)  
Associated Oil  
Mimosa (Acacia decurrens var. dealbata)  
Associated Oil  
Myrrh (Commiphora myrrha)  
Associated Oils  
Myrtle (Myrtus communis)  
Oakmoss (Evernia prunastri)  
Associated Oil  
Orange (Citrus sinensis)  
Associated Oils  
Orange Blossom (Neroli)  
(Citrus aurantium var. amara)  
Associated Oils  
Patchouli (Pogostemon cablin)  
Pepper, Black (Piper nigrum)  
Associated Oils  
Cubeb (Piper cubeba)—A litsea substitute  
Peppermint (Mentha piperita)  
Associated Oils  
PSORALEA CORYLIFOLIA LINN.  
(N.O. Papilionaceae, Fabaceae)  
Parts Used: Roots, leaves, fruits, seeds  
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Ravensare (Ravensara aromatica)  
Rose (Rosa damascena, R. gallica, and others)  
Associated Oils  
Rosemary (Rosmarinus officinalis)  
Associated Oils  
Rosewood (Aniba rosaeodora)  
Sage (Salvia officinalis)  
Sandalwood (Santalum album)
Associated Oil
Spikenard (Nardostachys jatamansi)
Associated Oils
SMILAX CHINA
(N.O. - Liilaceae)
TERMINALIA CHEBULA RETZ.
(N.O. Combretaceae)
Parts Used: Fruit
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(N.O. Combretaceae)
Parts Used: Fruit (unripe and ripe)
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Cough
Stomach Disorders
Sore Throat
Chronic Constipation
Intestinal Worms
Eye Disorders
Other Diseases
Tea Tree (Melaleuca alternifolia)
Associated Oils
Thyme (Thymus vulgaris)
Associated Oils
Thymus vulgaris has many chemotypes
Tuberose (Polianthes tuberosa)
Vanilla (Vanilla planifolia)
Vetiver (Vetiveria zizanoides)
Violet (Viola odorata)
Associated Oil
Yarrow (Achillea millefolium)
Ylang-Ylang (Canaga odorata)
Associated Oils

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To Fight Dandruff
To Kill Germs
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Barley Hair Rinse
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- White vs. coloured clothes
- Manufacturing facilities
- Safety and pleasant ‘in-use’ qualities
- Colour, odour and flow characteristics
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- Good building and active matter

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(A good quality household detergent granules)

For 1000 kg. yield

Surfactants

Builders

Additives

A TYPICAL BATCH USING ACID SLURRY OF
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For 1000 kg. of finished detergent

Surfactant

Builders

Additives

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A TYPICAL FORMULATION OF HOUSEHOLD

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Machine Dish Washing Powder

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China clay
Calcite
Soda ash
Sodium sulphate
Sodium silicate
Coconut mono ethanolamide
Soapstock
Dicalcium phosphate  
Rosin  
Titanium dioxide  
Colour  
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All Syndet Bar  
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Dhania
Egg
Honey
Lavender
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Salt
Saunf
Tea
Thyme
Tomato
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