

COSMETICS FOR THE HAIR CARE

It include various preparations like

1. Hair preparation
2. Shampoos
3. Rinses & conditioners
4. Oily scalp hair tonics
5. Hairdressings 6. Fixatives
7. Bleaches
8. Depilatories

Some of the important examples of raw materials of herbal origin used in Hair care products Are:

- (a) **Amla:** it is obtained from the plant *Emblica officinalis*, Family Euphorbiaceae. Amla 's rich in vitamin C, tannins and minerals such as phosphorus, iron and calcium which provides nutrition to hair and also causes darkening of hair.
- (b) **Almond Oil:** The almond oil is obtained from *Prunus dulcis*. The almond oil contains about 78% of fat. It contains very small amount super-unsaturated Omega-3 essential fatty acids. It stimulates thicker hair growth and prevents premature graying of hair.
- (c) **Shikakai:** it is obtained from the plant *Acacia concinna* Linn. (Leguminosae) The fruits of this plant are used for washing hair, for improving hair growth and also as an expectorant, emetic, and purgative.
- (d) **Henna:** Henna comes from the plant *Lawsonia inermis* family Lythraceae, which contain adve molecule known as Lawsone, which when processed produces Henna powder. It is used in coloring hair and also has anti-dandruff properties.

- (e) **Neem:** Neem is commonly used in the treatment of dandruff as it produces antifungal and antibacterial effects.
- (f) **Brahmi:** (*Centella asiatica*, Family- Umbelliferae) is a creeping herb and is found in wet damp and marshy places of north India, Brahmi contains essential oils, sterols, flavonol glycoside and triterpenoid saponins. Brahmi oil is used in hair care formulations. It delays graying of hairs.
- (g) **Bhringraj:** Bhringraj (*Eclipta alba* Linn, Family- Asteraceae) is an annual or perennial plant found in moist places throughout India. Bhringraj mainly contains alkaloid (ecliptine), glycosides (B-amyrin), triterpenic acid and steroids (ecalbasaponins). Brahmi oil is very good hair tonic and used in hair formulation for healthy, black and long hair.
- (h) **Gurhal:** Gurhal (*Hibiscus rosa sinensis*, Family-Malvaceae) is a popular Indian garden plant. It contains beta-sitosterol, campesterol, stigmasterol, cholesterol, ergosterol, flavonoids and flavonoid, glycosides, lipids, citric and oxalic acids. Hibiscus petals stimulate thicker hair growth and prevent premature graying, hair loss and scalp disorders. Petals extract acts as a natural hair conditioner and used in hair washes
- (i) **Basil Oil:** The Basil oil (*Ocimum sanctum*, Family- Labiatae) is obtained from leaves & flowering tops of *Ocimum Sanctum* by steam distillation method. The basil oil contain 1.8 cineol, linalool, methyl chavicol, eugenol and methyl cinnamate. Basil oil stimulates and promotes hair.
- (j) **Jojoba oil:** Jojoba oil (*Simmondsia chinensis*, Family-Simmondiaceae) is obtained from seeds of *Simmondsia chinensis* by cold pressed method. The Jojoba oil contains eicosenoic acid, docosenoic acid and oleic acid. Jojoba oil is used as a revitalizing agent for hair.

(k) **Sage oil:** Sage oil (*Salvia officinalis* Linn, Family-Labiatae) is obtained from dried leaves of *Salvia officinalis* Linn by steam distillation technique. The Sage oil contains a-pinene,cineole, linalyl acetate, borneol and camphor. The sage oil is used as an anti dandruff agent.