
A REVIEW: FORMULATION AND EVALUATION OF HERBAL FACE PACK

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DOI: <https://www.doi.org/10.58257/IJPREMS32993>

ABSTRACT

The demand for cosmetic products in the world market continues to increase. Pharmaceutical companies produce many cosmetics. Cosmetics are natural cosmetics that have been used since ancient times. Cosmetics have more side effects than cosmetics. More than 80% of the world's population depends on medicinal plants. This medicinal plant is used not only in treating diseases but also in the field of cosmetology. Skin care products are an important part of skincare products. This review article contains information about the herbs used in the face mask. Since ancient times, people have used medicinal plants to make their facials.

This mask makes the skin smooth and bright and also treats pimples, pimples, blemishes, blemishes and hyperpigmentation. They are non-toxic and can reduce allergic reactions. The purpose of this article is to provide information about medicinal plants used on the face. These herbs can be used together or separately.

Keywords: When searching for or developing herbal face packs, specific keywords can help you find or create formulations that emphasize natural, plant-based, and herbal ingredients. Here are some keywords associated with herbal face packs:

1. Herbal Face Pack
2. Natural Face Mask
3. Botanical Face Pack
4. Ayurvedic Face Mask
5. Organic Herbal Face Pack
6. Clay Herbal Mask
7. Turmeric Face Pack
8. Neem Herbal Face Mask
9. Sandalwood Face Pack
10. Rose Petal Face Mask
11. Tea Tree Oil Face Pack
12. Cucumber Herbal Mask
13. Multani Mitti Face Pack
14. Aloe Vera Herbal Mask
15. Charcoal Herbal Face Pack
16. Papaya Herbal Mask
17. Chamomile Relaxing Face Pack
18. Honey Herbal Face Mask
19. Anti-Aging Herbal Mask
20. Sulfate-Free Herbal Face Pack

1. INTRODUCTION

Cosmetics are defined as products used to clean, beautify, increase attractiveness or change appearance. Different chemicals are used to clean and beautify our face. Medicinal plants have been used for many purposes since ancient times[1]. The word cosmetics is derived from the Greek word "kosm tikos" meaning the ability and skill of beauty. Health, personality, routine, security and care are the characteristics of a weak person. Due to excessive exposure to high temperatures, the skin becomes dehydrated in summer, causing wrinkles, freckles, blemishes, hyperpigmentation and sun damage. Extremely cold weather can damage our skin, causing cracks, cuts, macerations and infections. According to the Medicines and Cosmetics Act 1940, cosmetics are defined as substances intended for human use to

cleanse, beautify, prepare for brushing, pour, spray, display or otherwise use the body or part of the body. , increase repetition or

change view. The preparation contains many plant-derived phytochemicals that affect the function of the skin and provide essential nutrients for healthy hair or skin.

These cosmetics have fewer side effects than other cosmetics. Plants and their products are used in cosmetics due to their aromatic benefits. This medicine makes our skin healthy.

Herbal Face Mask:

The herbal facial treatment called "mukha lepa" in Ayurveda to treat acne, pimples, blemishes, scars and pigmentation. The method of using the herbal mixture is called "Mukha lepana" on the face. This beauty treatment is popular as a facial. "Mask" is a smooth powder used on the face. A good mask should provide the skin with the necessary nutrients. It must penetrate the subcutaneous tissue to provide necessary nutrients. Different skin needs different types of herbal masks. These preparations are used as facial liquid or paste. The mask is allowed to dry and form a film, tightening and strengthening the skin. The mask is usually left on the skin for five to ten minutes to allow all the water to evaporate. The resulting film shrinks and hardens and can be easily removed. The colloids and absorbent clay used in these preparations cleanse the facial skin from dirt and oil, while the warming and firming effect of the mask leaves the face with a refreshing and revitalizing effect. When we remove or remove the mask we use, waste products and dirt from the skin are also eliminated.

Natural face masks contain some important vitamins required to keep your skin healthy and glowing. It has also been proven that this medicine has many benefits for our skin.

The natural face mask is very easy to use and not too difficult. They help us increase blood circulation to the facial muscles. The effects of masks are usually temporary. It should be used 2-3 times a week to get a glowing face [5]. There are now many types of face masks suitable for oily, normal and dry skin, which can be used separately and easily according to skin type. You should use a mask regularly to keep your skin even and smooth. Use a facial mask to remove wrinkles, pimples, pimples and dark spots from your skin. Mask recommended for oily skin prone to acne and blackheads

Benefits of using herbal facial care

1. Make your skin beautiful and healthy.
2. It has a soothing and soothing effect on the skin.
3. Regular use of a facial mask can improve skin texture and firmness, making skin radiant.
4. Regular use of this face mask can control wrinkles, fine lines and sagging skin.
5. Regular use of face masks can protect against the dangers of bad weather and pollution.
6. It helps eliminate uneven skin tone and hyperpigmentation.
7. It nourishes the skin and provides the skin with the necessary nutrients.
8. It can reduce scars and blemishes on the skin.
9. Eliminates dead skin cells.
10. It purifies and exfoliates by cleansing dead skin that causes blackheads and whiteheads.

The ingredients currently used are purchased from local stores and in powder form for later use. Below is a summary of the Plant Materials Research.

Details of the herbal material used in the face mask are given below.

1) Multani Mitti (Calcium Bentonite Clay)

Multani Mitti,

helps the skin in many ways such as reducing pores, removing blackheads and whiteheads, fading freckles, alleviating sunburn,

clearing the skin,

Because they have healthy nutrients, they improve blood circulation, age the skin, reduce acne and blemishes, and give the skin a bright effect. Multani mitti helps you have radiant skin and is ideal for aggravated and irritated skin.

Multani mitti is rich in magnesium chloride

2) Turmeric (Curuma longa)

Haridra has anti-inflammatory and anti-allergic properties.

It is the best blood purifier and helps heal wounds. It has the best blood purifying effect and therefore can be used in all diseases caused by foreign substances in the blood. Haridra is a skin rejuvenating substance that rejuvenates the skin; Delays wrinkles and other signs of aging

3) Santalum alba

Sandalwood has tanning and anti-aging properties. Sandalwood can protect the skin from the effects of environmental pollution, keeping the skin cool, white and healthy. Sandalwood is useful in Ayurveda

Herbs with antibacterial properties can be used to treat various skin problems and remove scars

4) Aloe vera

Aloe vera has antibacterial properties and is good for treating acne and pimples. Aloe vera is an excellent moisturizer. Aloe vera powder contains glycerin, sodium palmitate, sodium carbonate, sodium palmitate, sorbitol and other ingredients.

Lemon peel (Citrus limon)

Lemon contains plenty of vitamin C.

It helps cleanse old skin and remove dark spots caused by tanning. It protects the skin against free radical damage, skin moisture and oxidative stress¹¹

5) Rose Petal Powder (Rosa canina)

Rose Petal Powder is rich in anti-inflammatory and beneficial vitamins K, C and B. It also has many antioxidants¹²

6) Manjistha (Madder)

Manjistha is known as an excellent plant. When used both topically and internally, it helps brighten skin and removes acne, freckles, and discolorations. This medicine is suitable for itching, dark spots, papules, white spots and other skin diseases

7) Lodhra (Symplocosracemosa)

Lodhra is beneficial for skin diseases. Its name, Lodhra, means "body control" in Sanskrit.

Lodhra nourishes the skin and effectively treats acne, wrinkles and other skin problems. It can tighten the skin, reduce skin irritation and is effective in treating acne, wrinkles and other skin problems

8) Gram powder (Cicer arietinum)

The high zinc content in gram powder helps prevent acne. It cleans, tightens and protects dead skin.

2. PROCEDURE OF FACE PACK APPLICATION

Put the prepared mask powder into the chamber as needed, add rose water and mix. Mix well and apply on facial skin. It also covers acne and blemishes. Leave it for 20 to 25 minutes to dry completely, then wash it off with cold water.

Evaluation of the mask Sensory evaluation Sensory parameters and physical strength, including its performance, color, smell feel and consistency, manually obtained questionnaire Physical analysis Microscopic particle size analysis.

Fluidity of dry powder in compound form Measurement of exit angle from hopper, tapping All speed and punch speed can be measured. Physical and chemical tests Ash content was measured with an electronic meter, pH value and dry weight were measured with a pH meter.

Irritation test- Marked area (1 square meter) on the left dorsal surface. Please use the number of masks specific to the area you selected and fill in the time. Check and report pruritus, erythema, and edema every 24 hours.

Stability Study- Stability tests were carried out by keeping the preparation at different temperatures for 1 month. Sample glass vial Stored at different temperatures such as room temperature, 35°C and 40°C and physical parameters such as color, odor, pH, consistency and touch.

Shinoda Test- Add a few drops of concentrated hydrochloric acid (HCL) to the ethanol extract. Then put magnesium granules into the solution to see the red color.

3. RESULTS AND DISCUSSION

Measurement Analysis, Flow Characteristics, Parameters indicate free-flow characteristics. The color of the preparation is light yellow. The smell of the prepared preparation is pleasant and effective, making it ideal for preparing cosmetics. Its texture and smoothness are good and practical, making it ideal for cosmetics. Physical Evaluation and Physicochemical Evaluation Small milk is in the range of $22.3 \pm 2.25\mu\text{m}$. The pH of the formulation is close to neutral. Ash content and moisture content are within limits. Stability studies, Stability studies show, Slight change in pH of samples stored at 40°C, no change between room temperature and 35°C, No change in color and odor

4. CONCLUSION

In the current situation, people need to treat many skin problems without side effects. Herbal ingredients pave the way for cosmetics without causing harm. Herbal facial treatments are considered a good and effective way to improve your skin. So in the current study, creating an herbal face mask containing natural ingredients like Multani mitti, turmeric, aloe vera, sandalwood, sour fruit peel, rose petal powder, manjistha is a very good initiative. , lodra and gram powder.

It indicates that the prepared samples have physicochemical and microbiological stability and have cosmeceutical process products for skin care samples The face is a parameter that shows the skin of the person and all people. Everyone strives to be clean and tidy. Herbal formulas are safer to use and have fewer side effects, so these herbs are useful for cleansing our face. The herbs discussed in the review article have many medicinal properties. This herb can be used as a single facial mask ingredient or as an herbal medicine. These herbs are very useful and economical. Face mask is a very important product that can be easily prepared at home.

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