

Formulation and evaluation On Moringa scrub cream .

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ABSTRACT: Moringa oleifera, or the horseradish tree, is a pan-tropical species that is known by such regional names as benzolive, drumstick tree, kelor, marango, mlonge, mulangay, saijhan, and sajna. Over the past two decades, many reports have appeared in mainstream scientific journals describing its nutritional and medicinal properties. Its utility as a non-food product has also been extensively described, but will not be discussed herein, (e.g. lumber, charcoal, fencing, water clarification, lubricating oil). As with many reports of the nutritional or medicinal value of a natural product, there are an alarming number of purveyors of "healthful" food who are now promoting *M. oleifera* as a panacea. While much of this recent enthusiasm indeed appears to be justified, it is critical to separate rigorous scientific evidence from anecdote. Those who charge a premium for products containing Moringa spp. must be held to a high standard. Those who promote the cultivation and use of Moringa spp. Moringa seeds (*Moringa oleifera*) have many substances such as antioxidants, minerals and vitamins that are useful for skin health. Moringa seed could be used as additional material of cosmetic. One of the misscrub cream by using moringa seed as abrasive material (abrasiver). The purpose of this research is to know the optimal formulation of scrub cream moringa seed and characterization based on the requirement of quality skin. The results of the study show that the most optimum scrub cream products based on panelist preferences level are scrub cream with the addition of 5g moringa seed. Formulation scrub cream pH value of 6.9; density 1 g/mL; emulsion stability of 95.19.

Key word- Body scrub cream, Bioseed, Draizetest, Moringa oleifera Cosmetics

INTRODUCTION

Synonym: - Drumstick tree. • Species : - Moringa Oleifera Lam. • Family:- Moringaceae. • Genus:- Moringa. Fig.no1: Moringa seed. • Moringa seeds produce oil commercially known as the behen oil. • Moringa contain various phytoconstituent such as alkaloids, saponin, steroid Flavonoids. • Moringa seeds are also known to have nutrients such as vitamins and minerals that are beneficial to skin. • Moringa contains high enough minerals such as calcium, copper, phosphorus, zinc, magnesium, manganese, potassium and sodium. • The mineral content of calcium, sulfur, magnesium, and potassium can lift dead skin cells and nourish the skin so the skin feels soft and smooth. • Moringa seeds are rich in vitamins b1, b2, b3, c, and e. Vitamin b1, b2, b3 are known to have role in maintaining skin moisture and brightening the skin.

Moringa seeds have potential as raw materials in cosmetic because they have a high nutrient content that is beneficial to the skin. • Cosmetics has now become a necessity that is considered important for some people. • Various types of cosmetic products are used for skin care. Content in moringa seed oil in body lotion.

INGREDIENTS IN MORINGA SCRUB

1.Moringa leaf / Seed powder :- 1) It is packed with essential vitamins and minerals, including vitamin C, vitamin A, These nutrients support overall health and wellbeing. 2) Moringa leaf powder contains antioxidants that help the body against free radicals, promoting cellular health. 3) It has natural anti-inflammatory compounds that may help reduce inflammation in the body.

2. Vegetable oils:- 1) Vegetable oil in scrub cream can provide moisturizing and nourishing properties for the skin. 2) It helps to hydrate and soften the skin, leaving it feeling smooth. 3) vegetable oil can act as a gentle exfoliant, helping to remove dead skin cells and unclog pores. 4) It is often used in scrub creams to enhance their Effectiveness and provide a natural, healthy glow to the skin. 5) Vegetable oils can use in specific skincare concerns, such as dryness, dullness, uneven skin tone. 6) Vegetable oil is a good source of vitamin E, which is known for its antioxidant properties.

Coconut oil : (Cocos nucifera) : 1) Coconut oil is a great natural moisturizer, so it helps to keep your skin hydrated and soft. 2) Coconut oil can help exfoliate your skin, removing dead skin cells and leaving it looking fresh. 3) Coconut oil contains anti-inflammatory properties that can help soothe and calm irritated skin 4) Coconut oil has natural antibacterial properties that can help fight acne-causing bacteria . 5) Coconut oil is rich in antioxidants, which can help protect your skin from damage, keeping it looking youthful and healthy.

Kokum Butter (Garcinia indica): 1) It's rich in antioxidants and essential fatty acids, making it deeply moisturizing and nourishing for the skin. 2) It helps to promote skin elasticity, reduce dryness. 3) Kokum butter is great choice for keeping your skin hydrated and healthy. 4)Kokum butter is use for sensitive skin for skin lightening and brightening.

Ideal features of moringa scrub cream

- 1.It should clean the skin.
- 2.It should have satisfactory consistency.
- 3.It should be non-toxic and non-irritating to skin.
- 4.It should be non-damaging to the eye.
5. It should not have any side effects or causes irritation to the skin and eye.
- 6.It should remove dark spots on skin.

PROCEDURE

Preparation Of Seeds :

- Moringa selected fruit that is dark brown then taken the seeds. Seeds selected moringa good quality (has a round and whole shape dry) then the seeds moringa peeled skin.
- The contents of moringa seeds are dried with the oven at 60-degree c for 1 hour.
- The content of moringa seeds was then smoothed using a blender and sieved with a particle size filter of 595-420 µm.

NOTE:

Do not try to pull your skin or use too much pressure while scrubbing. It can hurt your skin. You should not use a face scrub every day. Face scrubs are made for a weekly skincare routine. You can however use a face scrub twice a week. Apply a gentle moisturizer after using the face scrub. Make sure that your face is slightly damp when you apply the moisturizer. Damp skin helps the moisturizer to get deep into your skin and provide the maximum amount of benefits.

BENEFITS OF USING A SCRUB CREAM

1.Removes Dead Skin Cells

The first and foremost benefit of using a facial scrub is removing the dead skin cells from your face. Dead skin cells make your face look dry and dull. These also clog your skin pores. Facial scrubs exfoliate your skin thoroughly and remove the dead skin cells.

2.Unclogs Skin Pores

The body produces a natural oil called sebum to keep the skin moisturized. But sometimes the production becomes excessive and the extra sebum oil gets stored in your skin pores. Since the skin pores get clogged, it leads to acne breakouts. Exfoliation removes the sebum oil and unclogs the skin pores.

3. Removes Flakes

Many people notice dry patches on their skin. These dry skin patches are known as flakes. These are unhealthy and also make the skin look extremely dull. Exfoliating the face using a facial scrub will help you get rid of the flaky skin and make it smoother.

4.Reduces Acne Scars

Facial scrubs also contribute to reducing acne scars and dark patches of skin. While these aren't removed completely, they do become lighter. A scrub promotes the natural skin resurfacing process. When you scrub your face, it removes the dead and damaged skin cells and allows the skin to rejuvenate. Dark patches and scars thereby become lighter in shade. Facial scrubs that have natural skin brightening ingredients are known to have better effects.

5.Prevents Ingrown

Hair Ingrown hair can be frustrating as it plays a key role in pimple outbreak. Facial scrubbing is one of the best ways to prevent ingrown hair from ruining your facial appearance. Choose a face scrub that has antiseptic..

6. Provides Smoother Skin

Apart from the above, face scrubs also make your skin surface smooth and glowing. When your face appears smoother, softer and glowing, your self-esteem is naturally bound to increase.

7. Improves the Texture of Skin

Facial skin is sensitive, thinner, and more prone to damage as compared to the skin on other parts of the body. Improper skincare, pollution, etc., can lead to rough, dull skin. Facial scrubs improve the texture of the skin by encouraging the skin renewal process.

8. Better Absorption of Skincare Products

With the build-up of layers of dead skin cells, the skincare products that you use find it difficult to seep in which is why you might get your desired results. Exfoliating your face with a scrub can ensure that these products are properly absorbed and that they blend easily on your skin

What Does a Face Scrub Do to Your Face?

Facial scrubs contain coarse particles which help to exfoliate the skin. When you apply a face scrub, the particles rub against your skin and remove all the dirt from your skin pores. It also removes dead skin cells, making your skin smoother and softer. The addition of a good facial scrub in your weekly skincare routine will provide you with healthy and glowing skin.

Steps To Use a Face Scrub Step

Step 1: Rinse your face with water thoroughly. Do not pat it dry.

Step 2: Take a nickel - sized amount of facial scrub crem in your palm.

Step 3: Apply the facial scrub crem on your wet face.

Step 4: Gently rub the scrub on your face, applying the least amount of pressure. You can rub the scrub in in a circular motion using your fingers.

Step 5: Always massage your face upwards and focus on areas like the top and corner of your nose, cheeks and upper lips.

Step 6: Continue the massage for 10 to 15 seconds.

Step 7: Now move to your neck and under the chin and massage for another 10 seconds.

Step 8: Once you finish exfoliating, wash your face with cold or lukewarm water.

Step 9: Gently pat your face dry using a soft towel.

Dos & Don'ts of Face Scrub Dos

1. Never forget to wash your face before using a face scrub.
2. Focus on your face's T-zone (forehead, nose, lips).
3. Make sure that you spend at least 40 seconds massaging your face.
4. If you have the time for a proper skincare routine, you can apply a face mask after a facial scrub.
5. Moisturize your skin with a hydrating moisturizer after scrubbing. It will help to replenish your skin.
6. Get a face scrub that suits your skin type.

Don'ts

1. Do not scrub your face every day. Twice a week is more than enough.
2. Do not scrub your face for more than 40 to 45 seconds. Scrubbing for too long can cause skin irritation.
3. If you have open wounds or sore pimples on your face, avoid the face scrub.
4. Do not expose your skin to sunlight immediately after a face scrub. It will make your skin super sensitive.
5. Do not steam your face before scrubbing.
6. Avoid using physical scrubs, instead, choose gentle-to-use scrubs.
7. In case you have burns, wounds on your skin, avoid scrubbing. Let it heal completely.

CONCLUSION

In conclusion, the review of moringa scrub cream is a multifaceted process that holds significant importance in the skin care and cosmetic industry. Through rigorous research, development, and assessment, moringa scrub cream can offer a benefits, including safety, efficacy, sustainability, and consumer satisfaction. The following conclusion will explore these aspects in greater detail, highlighting the moringa scrub cream.

Preparation of moringa scrub cream involves a comprehensive understanding of botanical ingredients, their properties, and their potential benefits for skin health. It begins with the identification and selection of suitable plant extracts, herbs, and natural ingredients that possess specific qualities to skin care. These ingredients may include aloe moringa leaf/seed powder, lavender, vegetable oil, glycerin, coconut oil ,and many others, each offering unique properties such as moisturization, soothing effects, and nourishment.

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