

An Overview on Herbal Eye Mascara

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Abstract

Mascara is a cosmetic preparation that is commonly used to enhance eyelashes. Herbal cosmetics are formulated, using different cosmetic ingredients to form the base in which one or more herbal ingredients are used to cure various skin ailments. It may darken, thicken, lengthen, and / or clarify the eyelashes. The modern mascara formulation usually has different formulations in one of three forms-liquid, powder, or cream; however, most contain the same basic components of pigments, oils, waxes, and preservatives. A liquid in a tube is the most common form of mascara. The present study was carried out using xanthan gum as a natural polymer to formulate herbal mascara. All ingredients are naturally derived from plants and Animal. Less ingredients are used in The preparation (wax, Oil, and pigments) main purpose to make herbal mascaras That there Will be no chemical reactivity. It is more effective Than the chemical mascara Easy to apply.

Keywords: Mascara, Herbal cosmetic, Formulation, Skin ailments, Natural source.

Introduction:-

Cosmetic:

The word cosmetic was derived from the Greek word —kosmtikos meaning having the power, arrange, skill in decorating. The cosmetics, according to the Drugs and Cosmetics Act is defined as articles intended to be rubbed, poured, sprinkled or sprayed on, introduced into or otherwise applied to the human body or any part for cleansing, beautifying, promoting attractiveness or altering the appearance. The cosmetic does not come under the preview of drug license.

Herbal cosmetic:

Herbal Cosmetics, here in after referred as Products, are formulated, using various permissible cosmetic ingredients to form the base in which one or more herbal ingredients are used to provide defined cosmetic benefits only, shall be called as Herbal Cosmetics.



These are the cosmetics which are prepared using plant products having cosmetic actions. Recently the use of botanical in cosmetics has increased mainly due to the mild action and non-toxic nature. In cosmetics, both natural and photo ingredients are used. Natural products include oils, extracts, secretions etc. Photo-ingredients include pure constituents obtained by various process.(1)

The eyes are the symbol of beauty. Possession of long thick and dark eyelashes associated with amplified levels of attractiveness, confidence and well-being has been the desire of every woman. Mascara, an eye cosmetic that temporarily darkens, lengthens and thickens eyelashes is often associated with chronic blepharitis and loss of eyelashes as a sequelae. The term madarosis is used to describe general loss of both eyelashes (ciliary) and eyebrows (supraciliary). Loss of eyelash alone is also known as milphosis. Medline search did not show persuasive studies concerning the effects of mascara and its effects.(2)The cosmetics industry has been experiencing a steady increase in production and sales in recent years. To expand sales, companies have aimed at broader age groups (e.g., the elderly), increased marketing of anti-aging products, and considered the cultural/ethnic differences in cosmetic usage, habits, and beliefs.(3) Mascara is a beauty product that offers an appealing look for eyelashes. Mascara gives the amplifier the length, the waves, the darkening of the eyelashes. if the lashes are short, thin or brittle, you need a mascara that add some intensity and length. There are so many formulations available on the market, ideal mascara properties quick dryness shine, weight, simple to apply even pigment, no allergic reaction. They offer all the properties of good mascara but due to the chemical organic nature they also have a harmful effect on the skin. Even some chemical that is used in mascara shows carcinogenic effect after some time, skin irritation swelling of the eye, therefore, rosin has been used which gives some side effect. Herbal mascara no substance is used less likely to cause toxic effects. (4)

The cosmetics industry has been experiencing a steady increase in production and sales in recent years. To expand sales, companies have aimed at broader age groups (e.g., the elderly), increased marketing of anti-aging products, and considered the cultural/ethnic differences in cosmetic usage, habits, and beliefs. 1 As a result, cosmetic use spans a wide spectrum of ages and sexes in everyday life2 as well as the TV and film industries.3 However, its application is particularly widespread among women.2,4 From a long list of raw ingredients, cosmetics typically contain preservatives, vehicles, antioxidants, humectants, fragrances, ultraviolet absorbers, emollients, emulsifiers, acrylates, and dyes.5 Some of these ingredients pose a health risk to consumers. (5)

Types of Mascara:-

A. Cake :

This type of mascara contains mixture of soap and other pigments but due to soap this product causes irritation such as tears and rains.



B. Cream:

It is also another type of cake mascara . It can be apply with brush after cut down by water.



C. Liquid:

It is available for very long time as compare to other mascaras. It can be easily removed by water.



Quality Characteristics:-

1. It should easy to applicable.
2. It should not form a smudg.
3. It should not causes the sticking of eyelashes together.
4. It should be easy to remove.
5. It should be easy to used
6. It should not cause irritation to eyes.
7. Enhance eye beauty.
8. When we apply mascara then increases the eye lashes volume.
9. It's not harmful for eyes. (6)

Methods and materials :

Charcoal Powder :-It is also known as activated carbon, and is used for the prevention of oral poisoning. It should be used in a short time to be effective. In the preparation of eye cosmetics, it is also used.

Olive Oil :-

It is an oil that is derived from a coconut kernel that is gathered or picked from a coconut palm. Because of the high saturated fat content, they have many applications.(7)

Bees wax :-

Beeswax was one of the components of the first cosmetic cream, which was created by Galen, the great Greek physician, in 150 B.C., composed of beeswax and olive oil, with emulsion of water (or rose water) . Beeswax plays an important role also in Ayurvedic medicine, the ancient and traditional Indian medicine, with the name of Madhuchishtha. (8)

Aloe- Vera :-

Aloe vera is prepared with fleshy, young, pointed green aloe leaves, which also have laxative properties and are used for cosmetic preparation in natural remedies. Leaves are able to store water, which makes the leaves thick to prepare aloe vera products with the "gel". (9)

Rose Water :-

It is prepared by distilling steam from the rose petals. It is fragrant, and the scent is natural. In what is now Iran, it is believed to have arisen. In beauty products, it is traditionally used and now used in food and drink products. (10)

Honey :-Makes mascara smooth and adhere lashes. It also help in anti ageing. And also protect the skin barriers. Honey help to lashes thicker and increase spreadability of mascara. (11)

Lemon juice:-

It is used as a anti oxidant.

Methods of preparations:

Oil in the Water Emulsion:-

Take and weigh all the ingredients accurately. The coconut oil, aloe vera gel mix together. Add given quantity of rose water and glycerin in given mixture. Add remaining ingredients and heated for 10min. After the heating the pigment is mixed to each other.(12)

Formulation:-

Ingredients	Quantity
Bees wax	1gm
Charcoal	3gm
Rose water	3ml
Honey	1ml
Aloe Vera gel	1gm
Olive oil	3ml
Lemon juice	1gm

Evaluation test of eye mascara:-

Consistency and purity tests are carried out at different stages in the manufacture of eye preparation to ensure that the right ingredients and the appropriate amount are used. Presence of microorganisms and allergens tested by these studies.

Patch testing :-

Patch examination to determine if the material that is in contact with the skin causes inflammation of the skin (skin dermatitis) involves two forms of dermatitis: irritant, allergic dermatitis. (13)

Open or closed patch testing:-

The distinction between irritant and eye contact dermatitis must be made clear in order to perform a near patch examination, just as with shadows, to determine whether the makeup is the cause of the dermatitis.

Irritant contact Dermatitis:-

If given in a high enough concentration for long enough, influences in almost everyone who receives it.

Allergic contact dermatitis

Allergic reactions in particular to the person and to the substance or group of substances referred to call and allergens. Allergy is hypersensitivity (oversensitivity) to a material, often affecting the immune system. (14)

Observation Table:-

Test	Result
Irritant Contact Dermatitis	No irritation was occurs
Allergic Contact Dermatitis	No allergic action was occur(15)

Result and discussion:-

The present work formulate and evaluate herbal Eye mascara was aimed to formulate a Eye mascara using herbal ingredients and minimal the side effect as produced by the available in market ones.

Hence, form present investigation it was concluded that this formulated herbal Eye mascara has better option to women with help to protect eyes from dust, debris and sunlight by darkening eye lashes. And also provide natural barrier through study of clinical trials may be done to access the formulation for better efficacy.

Conclusion:-

In the context of the present inquiry, it was found that this formulation is appropriate for use by comprehensive clinical trials in order to have access to the formulation for improved efficacy.

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