

A PACKAGE FOR COSMETIC TREATMENT OF THE SKIN

DESCRIPTION

Technical Field

The present utility model generally relates to a package for cosmetic treatment of the skin. In particular, the present utility model relates to a package for a facemask, such as a collagen facemask.

As the skin ages, it loses collagen, which is a kind of protein that makes up a large percentage of connective tissue and accounts for somewhere between a quarter and 35 percent of all of the proteins in the body. As such, collagen has been referred as "the glue" for the human structure. As people age, the collagen in their body begins to deplete. This depletion process usually begins around the age of 25.

In order to reserve the loss of collagen, particularly in the face, people use topical collagen-based facemask to help to replace the lost collagen and promote the development of new collagen.

A lot of collagen-based facemasks are available on the market and can be purchased for home use. Known collagen-based facemasks are typically packaged as a cream or as a sheet soaked in a collagen-based product.

A cream collagen-based facemask is typically sold in a large tube or jars and is spread on the skin with the hands. A drawback of such known cream collagen-based facemask is that it results often difficult to dose the correct amount of cream to spread on the skin. Thus it can be happen that a too large amount of cream is

applied and this will generally feel unpleasant since a greasy feel remains on the skin. Moreover, the application of such cream facemask on the skin is unhygienic since the tube is often not correctly closed and the cream is applied to the skin with the hands. As a result, skin inflammations, rashes and other skin irritations can occur which cause a loss of image and will result in economic damage to the manufacturer.

A sheet collagen-based facemask comprises a sheet soaked in a measured amount of collagen. Such a sheet is usually individually packaged. In use, the sheet is removed from the packaging, laid upon the face and left there for a specific period of time. The sheet is pre-cut to fit closely over the face and has openings for the mouth, eyes and nostrils. Although the sheet collagen-based facemask avoids the hygienic problem, being the sheet individually packaged, it presents the drawback that, as the sheet is already soaked in the collagen, the collagen can lose its anti-ageing action over time. In other words, the sheet collagen-based facemask has a short shelf life.

Accordingly, a need has arisen for a facemask package suitable for overcoming the above mentioned drawbacks of the prior art facemasks.

Accordingly, it is a main object of the present utility model to provide a package for a facemask suitable for separately storing the components of the facemask and for bringing these component into contact "in situ", i.e. when applying to the face, thus avoiding undesired skin irritations.

A further object of the present utility model is to

provide a package for a facemask that is easy to use and has a relatively long shelf life.

In accordance with the above mentioned objects and purposes, the utility model refers to a package for a facemask as defined in the attached claim 1.

More particularly, the utility model relates to a package for a facemask comprising a storage container sealed by a lid. The storage container comprises a first compartment containing an activator fluid and a second compartment containing an absorbent material and means actuatable to permit the first and second compartments to communicate therebetween to allow the activator fluid to be dispensed in the absorbent material before the package is opened.

Preferably, the activator fluid is a collagen-activator fluid and the absorbent material is a collagen-based absorbent material.

Preferably, the actuatable means comprises a breakable sealing portion of the lid to the storage container provided between the first and second compartment.

Preferably, the lid is sealed to the storage container by means of a relatively strong sealing portion provided at peripheral edges of the package.

Preferably, the actuatable means comprises a frangible wall member between the first and second compartment.

Preferably, the frangible wall member is made of a material different from that of the storage container. More preferably, the frangible wall member is made of the same material of the storage container and has a

thickness lower than that of the storage container.

Preferably, the lid is provided with a release tongue suitable for facilitating the opening of the package.

Preferably, the storage container is made of molded plastic material and the lid is made of a film of plastic material.

Preferably, the collagen-activator fluid is a fluid containing an active agent selected from moisturizers, anti-aging agents or a combination thereof.

Preferably, the collagen-based absorbent material is in the form of a powder. More preferably, the collagen-based absorbent material is in the form of a sheet of textile material provided with a layer of lyophilized collagen.

Brief description of the drawings

Additional features and advantages of the utility model will be better apparent from the following description thereof, with reference to the attached drawings. In the drawings:

- Figure 1 is a schematic top view of a package for a facemask according to the present utility model; and
- Figure 2 is a side view of the package of Figure 1.

Detailed description

In the following description and in the drawings, reference is made to a package for a collagen facemask, but it is understood that the package according to the utility model can be used for storing and dispensing any

kind of cosmetic or dermatologic facemask.

With reference to the Figures, it is schematically illustrated a package for a facemask according to the utility model.

The package, generally indicated with the reference number 100, comprises a storage container 20 sealed with a lid 30. In particular, the storage container 20 is preferably made of molded plastic material and comprises a first compartment 22 and a second compartment 24. The first compartment 22 contains a measured amount of a collagen-activator fluid 21 stored therein, whereas the second compartment 24 contains a collagen-based absorbent material 23 stored therein. The package 100 further comprises means 32 actuatable to permit the first and second compartment 22, 24 to communicate therebetween, which will be described in detail in the following.

Preferably, the collagen-activator fluid is a fluid containing an active agent selected from moisturizers, anti-ageing agents, or combination thereof. Preferably, the collagen-based absorbent material consists of a powder or a textile mask.

With particular reference to the textile mask 23, it is made of a sheet of textile material which is provided with a layer of lyophilized collagen. Preferably, the textile mask 23 is suitably pre-cut to fit closely over the user's face and has openings (not shown in the Figures). These openings are configured to expose mouth, eye and nose areas of the face, so that the textile mask can optimally fit itself to the facial contours. Preferably, the textile mask 23 is contained folded

within the second compartment 24.

Preferably, the lid is a film 30, for example a film made of plastic material, which is heat-sealed to the storage container 20 so as to present a relatively strong sealing portion 31 at the peripheral edges of the package 100 and a breakable sealing portion 32 at the area between the first and the second compartment 22, 24, this latter forming the actuatable means of the package 100. The sealing portion is "breakable" in that upon a predetermined compressive force being applied to the first compartment 22, the sealing portion 32 opens or breaks under hydraulic pressure caused by the collagen-activator fluid 21 pressing against the sealing portion 32. Naturally, any method of sealing the storage body 20 and the lid 30 can be used, such as an RF seal, ultrasonic seal, glue, etc., provided that a breakable sealing portion is provided at the area between the first and second compartment 22, 24. Such seals and the process for forming the seals are well known by those skilled in the art.

Preferably, the lid 30 is provided with a release tongue 33 suitable for facilitating the opening of the package 100.

When the user wishes to apply the collagen-based facemask, he/she compresses the first compartment 22 of the package 100 with both his/her thumb fingers by acting on the lid 30. Due to compression, the collagen-activator fluid 21 is forced against the breakable sealing portion 32 causing the sealing portion to break and putting the first and second compartment 22, 24 into fluid communication therebetween.

As a result, the measured amount of collagen-activator fluid 21 previously stored in the first compartment 22 enters the second compartment 24 of the package 100, thus contacting the collagen-based absorbent material 23.

Subsequently, the user shakes the package 100 in order the collagen-based absorbent material 23 to better absorb the collagen-activator fluid 21.

It is now assumed that the collagen-based absorbent material 23 is in the form of a textile mask. In this case, the lyophilized collagen present in the textile mask soaks the measured amount of the collagen-activator fluid 21, thus becoming activated.

Subsequently, the user opens the package 100 by removing the lid 30 from the storage container 20, preferably by gripping the release tongue 33. Then the first and second compartment 22, 24 lay open and the user can take the soaked textile mask out from the second compartment 24, unfold the mask and apply it to his/her face for a specific period of time, preferably varying from about 20 and 30 minutes.

Specifically, the user places the textile mask 23 on the face with the collagen layer contacting the skin and thus lightly presses on the skin, in order to obtain an optimal contact between the skin and the mask 23. In view of the openings formed in the textile mask 23, it is not necessary with the use of the textile mask 23 to take special precaution in regard to prevent a contact between the collagen and the sensitive eye and lip areas. Thus, the textile mask is simple to use and can be applied without special precautions.

Conversely, if the collagen-based absorbent material 23 is in the form of a powder, the powder dissolves in the collagen-activator fluid thus becoming a past suitable for being spread, which after opening the package 100, can be therefore spread by the user on his/her face.

Alternatively, the actuatable means of the package 100 may comprise a frangible wall member (not shown) between the first and second compartment 22, 24. In this case, the frangible wall member is made of a material having a rupturing or breaking point under hydraulic pressure that is less than seals between the storage container 20 and the lid 30. For example, the frangible wall member may be formed by a thinner portion of the same material as the storage container 20 or from a different material.

When a user wishes to apply the collagen facemask, he/she compresses the first compartment 22 of the package 10 with both his/her thumb fingers by acting on the lid 30. Due to compression, the collagen-activator fluid 21 is forced against the frangible wall member causing the wall member to break and the collagen-activator fluid 21 to be introduced into the second compartment 24 of the package 100, thus obtaining a collagen-based past which can be easily spread. Subsequently, the user opens the package 100, spreads the obtained past on his/her face, and left the past there for a specific period, preferably varying between about 20 and 30 minutes.

From the above description, it is understood that the package for a collagen-based facemask according to the utility model is hygienic, compact, easy to use and has a long shelf life.

CLAIMS

1. A package (100) for a facemask comprising a storage container (20) sealed by a lid (30), the storage container (20) comprising a first compartment (22) containing an activator fluid (21) and a second compartment (24) containing an absorbent material (23) and means (32) actuatable to permit the first and second compartment (22, 24) to communicate therebetween to allow the activator fluid (21) to be dispensed in the absorbent material (23) before the package (100) is opened.
2. A package (100) according to claim 1, wherein said activator fluid (21) is a collagen-activator fluid and said absorbent material (23) is a collagen-based absorbent material.
3. A package (100) according to claim 1 or 2, wherein said actuatable means (32) comprises a breakable sealing portion of the lid (30) to the storage container (20) provided between said first and second compartment (22, 24).
4. A package (100) according to claim 1, wherein said lid (30) is sealed to the storage container (20) by means of a relatively strong sealing portion (31) provided at peripheral edges of the package (100).
5. A package (100) according to claim 1, wherein said actuatable means (32) comprises a frangible wall member between the first and second compartment (22, 24).
6. A package (10) according to claim 1, wherein said lid (30) is provided with a release tongue (33) suitable for facilitating the opening of the package (100).

7. A package (100) according to claim 1, wherein said lid (30) is made of a film of plastic material and said storage container (20) is made of molded plastic material.

8. A package (100) according to claim 2, wherein said collagen-activator fluid (21) is a fluid containing an active agent selected from moisturizers, anti-aging agents or a combination thereof.

9. A package (100) according to claim 2, wherein said collagen-based absorbent material (23) is in the form of a powder.

10. A package (100) according to claim 2, wherein said collagen-based absorbent material (23) is in the form of a sheet of textile material provided with a layer of lyophilized collagen.