COSMETIC COMPOSITION COMPRISING A TERNARY LIPID ASSOCIATION FOR CONTROLLING DRYNESS OF THE SKIN

The field of the present invention concerns the following novel ternary lipid association: beta–sitosterol, isocetyl stearoyl stearate and glyceryl tri–2–ethylhexanoate; and applications thereof in the fields of cosmetics and dermatology for controlling dryness of the skin.

More particularly, the present invention concerns the cosmetic use of a composition comprising said ternary lipid association, as moisturizing agent for the skin.

Another object of the present invention further concerns a dermatological composition comprising said ternary lipid association for use in the treatment of pathological dry skin.

In one aspect, there is provided a ternary lipid association consisting of β–sitosterol, isocetyl stearoyl stearate and glyceryl tri–2–ethylhexanoate, wherein β–sitosterol is present in a proportion of 0.1% to 5% by weight of said association.

In another aspect, there is provided an emollient composition comprising from 1% to 20% of the association as defined herein, the percentages being expressed by weight relative to the total weight of said composition.

In yet another aspect, there is provided a cosmetic use of a composition as described herein ~~for use~~ as moisturizer for the skin.

In a further aspect, there is provided a use of a composition as described herein in the manufacture of a medicament, for the treatment of pathological dry skin.

The skin constitutes an interface between the body and the external environment and as such it not only prevents the penetration of chemical and microbial elements but it must also maintain the body's physiological fluids by limiting water loss. On the latter point, the uppermost layer of the skin, the stratum corneum (referred to as SC throughout the present patent application), makes a substantial contribution to osmotic homeostasis, the role of which is to maintain a water gradient and thus to reduce the drying effects due to the environment. Under physiological conditions, the water content in the superficial part of the skin varies from 70% to 30% while passing from the last living layers (stratum granulosum) to the stratum corneum. It drops further in the very last corneocyte layers to reach 15%.

CLAIMS

1. Ternary lipid association consisting of β–sitosterol, isocetyl stearoyl stearate and glyceryl tri–2–ethylhexanoate, wherein β–sitosterol is present in a proportion of 0.1% to 5% by weight of said association.

2. Ternary lipid association according to claim 1, characterized in that isocetyl stearoyl stearate and glyceryl tri–2–ethylhexanoate are present in substantially equal mass proportions.

3. Ternary lipid association according to one of claims 1 or 2, characterized in that it has the following composition:

- 5% of β–sitosterol
- 47.5% of isocetyl stearoyl stearate, and
- 47.5% of glyceryl tri–2–ethylhexanoate

the percentages being expressed by weight relative to the total weight of said association.

4. Emollient composition comprising from 1% to 20% of the association as defined in one of claims 1 to 3, the percentages being expressed by weight relative to the total weight of said composition.

5. Composition according to claim 4 characterized in that it further comprises one or more other humectants.

6. Composition according to one of claims 4 or 5 characterized in that it further comprises another cosmetic active agent, and in particular GP4G.

7. Composition according to any one of claims 4 to 6 characterized in that it takes the form of an emulsion.

8. Composition according to any one of claims 4 to 7, characterized in that it takes the form of a skincare and/or makeup product for the body or face.

9. Cosmetic use of a ~~C~~composition according to any one of claims 4 to 8 ~~for use~~ as moisturizer for the skin.

10. ~~Composition~~ Cosmetic use according to claim 9, wherein ~~for use as~~ the moisturizer is for the epidermis, in particular the stratum corneum.

11. Use of a composition according to any one of claims 4 to 8 in the manufacture of a medicament, for the treatment of pathological dry skin.

12. The use according to claim 11 characterized in that the composition is for improving the symptoms of any form of pathological dry skin