CLAIMS

1. A cosmetic composition for stimulating collagen biosynthesis and anti-ageing containing, as an active ingredient, oleanolic acid encapsulated in nano-liposomes~~.~~, wherein the nano-liposomes that are formed to stabilize oleanolic acid are prepared by a mixture containing a polyol, an oily component, a surfactant, a phospholipid, and water,
wherein the polyol is selected from the group consisting of propylene glycol, glycerin and mixtures thereof,
and wherein the phospholipid is selected from natural or synthetic lecithin.

2. The cosmetic composition of claim 1, wherein the oleanolic acid is [~~contained~~] used in an amount of 0.0001-5.0 wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. ~~The cosmetic composition of claim 1, wherein the composition is for anti-aging.~~

The cosmetic composition of claim 1, wherein the nano-liposomes having an oleanolic acid encapsulated therein is prepared by the process comprising the steps:
1)mixing uniformly a polyol selected from the group consisting of propylene glycol, glycerin, and mixtures thereof; and a phospholipid selected from natural or synthetic lecithin to obtain the mixture thereof,
2)adding an oleanolic acid to the mixture of step 1),
3)cooling the mixture of step 2), adding an alcohol thereto, and then mixing uniformly,
4)adding a surfactant and water to the mixture of the step 3) and then mixing uniformly, and
5)cooling the mixture of the step 4).

7. ~~The cosmetic composition of claim 1, wherein the composition is for stimulating collagen biosynthesis.~~

The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 5wt% to 50wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.05 wt% to 1.0wt% based on a total weight of the composition.

8. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 29wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.2wt% based on a total weight of the composition.

CLAIMS

1. A cosmetic composition containing, as an active ingredient, oleanolic acid encapsulated in nano-liposomes.

2. The cosmetic composition of claim 1, wherein the oleanolic acid is contained in an amount of 0.0001-5.0 wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. The cosmetic composition of claim 1, wherein the composition is for anti-aging.

7. The cosmetic composition of claim 1, wherein the composition is for stimulating collagen biosynthesis.

CLAIMS

1. A cosmetic composition for stimulating collagen biosynthesis and anti-ageing containing, as an active ingredient, oleanolic acid encapsulated in nano-liposomes, wherein the nano-liposomes that are formed to stabilize oleanolic acid are prepared by a mixture containing a polyol, an oily component, a surfactant, a phospholipid, and water,

wherein the polyol is selected from the group consisting of propylene glycol, glycerin and mixtures thereof,

and wherein the phospholipid is selected from natural or synthetic lecithin.

2. The cosmetic composition of claim 1, wherein the oleanolic acid is used in an amount of 0.0001-5.0 wt% based on the total weight of the composition.

3. The cosmetic composition of claim 1, wherein the nano-liposomes having the oleanolic acid encapsulated therein is contained in an amount of 0.001-50 wt% based on the total weight of the composition.

4. The cosmetic composition of claim 1, wherein the nano-liposomes have an average particle diameter of 50-300 nm.

5. The cosmetic composition of claims 1 to 4, wherein the composition is a solubilized formulation.

6. The cosmetic composition of claim 1, wherein the nano-liposomes having an oleanolic acid encapsulated therein is prepared by the process comprising the steps:

1) mixing uniformly a polyol selected from the group consisting of propylene glycol, glycerin, and mixtures thereof; and a phospholipid selected from natural or synthetic lecithin to obtain the mixture thereof,

2) adding an oleanolic acid to the mixture of step 1,

3) cooling the mixture of step 2, adding an alcohol thereto, and then mixing uniformly,

4) adding a surfactant and water to the mixture of the step 3 and then mixing uniformly, and

5) cooling the mixture of the step 4.

7. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 5wt% to 50wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.05 wt% to 1.0wt% based on a total weight of the composition.

8. The cosmetic composition of claim 1, wherein, with regard to the step 1), the polyol is used in an amount of 29wt% based on a total weight of the composition and the phospholipid is used in an amount of 0.2wt% based on a total weight of the composition.