

AMENDED CLAIMS

1. Pharmaceutical or cosmetic carrier for topical administration substantially consisting of
- 5 phosphatidylcholine;
- monoglyceride;
- fatty acid ester of C₁-C₃ alcohol;
- volatile solvent selected from the group consisting of:
- ethanol; ethanol and C₃-C₄ alcohol; ethanol and volatile silicone oil;
- 10 and/or ethanol, C₃-C₄ alcohol and volatile silicone oil; and
- wherein the carrier optionally comprises one or more members of the group consisting of antioxidant, colorant, odorant, preservative, and denaturant;
- wherein the carrier is a single-phase homogeneous liquid at room
- 15 temperature (20°C).
2. The carrier of claim 1, comprising:
- from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % or 40 % by weight of phosphatidylcholine;
- 20 from 2 % or 5 % to 15 % or 20 % or 25 % by weight of monoglyceride;
- from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % by weight of fatty acid ester of C₁-C₃ alcohol;
- the remainder being ethanol at a concentration of at least 25 %, the ethanol optionally comprising one or several of:
- 25 i) up to 20 % or 30 % or 40 % or even up to 50 % by weight of C₃-C₄ alcohol;

- ii) up to 50 % or 60 % or even 75 % by weight of volatile silicone oil;
- iii) up to 1 % of antioxidant, colorant, odorant, preservative and denaturant.

5 3. The carrier of claim 1 or 2, wherein the amount of ethanol is in the range of 20 % to 90 % by weight.

4. The carrier according to any one of claims 1 to 3, wherein the amount of C₃-C₄ alcohol is in the range of 1 % to 20 % by weight.

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5. The carrier according to any one of claims 1 to 4, wherein the amount of volatile silicone oil is in the range of 10 % to 55 % by weight.

15 6. The carrier according to any one of claims 1 to 5, wherein the volatile silicone oil is decamethylcyclopentasiloxane.

7. Pharmaceutical composition substantially consisting of:

a) from 90 % or 95 % or 98 % and up to 99.999 % by weight of the carrier according to any one of claims 1 to 6; and

20 b) from 0.001 % or 0.1 % to 2 % or 5 % or exceptionally up to 10 % by weight of at least one pharmaceutically active agent;

wherein the carrier is a single-phase homogeneous liquid at room temperature (20°C).

8. Pharmaceutical composition substantially consisting of a carrier (a):

a) from 90 % or 95 % or 98 % and up to 99.999 % by weight of carrier consisting of:

from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % or 40 % by weight of phosphatidylcholine;

from 2 % or 5 % to 15 % or 20 % or 25 % by weight of monoglyceride;

from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % by weight of fatty acid ester of C₁-C₃ alcohol;

the remainder being ethanol of a concentration of at least 25 %, the

ethanol optionally comprising one or several of:

i) up to 20 % or 30 % or 40 % or even up to 50 % by weight of C₃-C₄ alcohol;

ii) up to 50 % or 60 % or even 75 % by weight of volatile silicone oil,

iii) up to 1 % by weight of antioxidant, colorant, odorant, preservative and denaturant;

and

b) from 0.001 % or 0.1 % to 2 % or 5% or exceptionally up to 10% by weight of at least one pharmaceutically active agent;

wherein the weight portions of carrier (a) and at least one pharmaceutically active agent (b) in the composition are adding up to 100 %;

and wherein the carrier is a single-phase homogeneous liquid at room temperature (20°C).

9. The composition of claim 7 or 8, wherein the at least one pharmaceutically active agent is selected from the group consisting of: antibacterial agents, such as oxytetracycline, fusidic acid, gentamycine, mupirocin, retapamulin (and pharmaceutically acceptable salts thereof);
5 antimycotic agents, such as nystatin, clotrimazole, miconazole, econazole, ketoconazole, bifonazole, and combinations of imidazole and triazole derivatives, ciclopirox, terbinafine, fluconazole, and amorolfine (and pharmaceutically acceptable salts thereof); antiviral agents, such as aciclovir, valaciclovir, penciclovir, famciclovir, foscarnet (trisodium
10 phosphonoformate hexahydrate) and docosanol (and pharmaceutically acceptable salts thereof); antiseptics, such as chlorhexidine, benzalkonium chloride and hydrogen peroxide; anti-inflammatory agents (glucocorticoids), such as hydrocortisone, clobetasone, triamcinolone, betamethasone, mometasone, and clobetasol (and pharmaceutically
15 acceptable salts thereof); antiphlogistics/analgesics, such as acetylsalicylic acid, salicylic acid, diclofenac, ketoprofen, ibuprofen, naproxen, capsaicin, nicotinate (and pharmaceutically acceptable salts thereof); antipruritic agents, such as glucocorticoids, for example, hydrocortisone, clobetasone, clobetasol, desonide, mometasone and
20 betamethasone, and local anaesthetics, for example, lidocaine and prilocaine (and pharmaceutically acceptable salts thereof); antipsoriatic agents, such as calcipotriol, calcitriol, 7-dehydrocholesterol, cholecalciferol, maxacalcitol, doxercalciferol, paricalcitol, inecalcitol, eldecalcitol, betamethasone and cyclosporine A (and pharmaceutically
25 acceptable salts thereof); agents

for treatment of eczema and atopic dermatitis: tacrolimus and pimecrolimus (and pharmaceutically acceptable salts thereof); antiglaucomatous agents, such as timolol, betaxolol, latanoprost, bimatoprost, and travoprost (and pharmaceutically acceptable salts thereof); local anaesthetics, such as lidocaine, prilocaine, ropivacaine, mepivacaine, bupivacaine, levobupivacaine, benzocaine, and tetracaine (and pharmaceutically acceptable salts thereof); agents for erectile dysfunction, such as alprostadil (prostaglandin E1) (and pharmaceutically acceptable salts thereof); anti-dandruff agents, such as selenium sulphides, piroctone oleamine and ketoconazole; anti-alopecia agents, such as minoxidil (and pharmaceutically acceptable salts thereof); anti-acne agents, such as tretinoin (retinoic acid), isotretinoin, adapalene, benzoyl peroxide, clindamycin, azelaic acid, niacinamide (and pharmaceutically acceptable salts thereof); wound healing agents, such as pantothenic acid, dexpanthenol and fusidic acid (and pharmaceutically acceptable salts thereof); steroid hormones, such as prednisone, dexamethasone, triamcinolone, fludrocortisone, testosterone, estradiol, distilbestrol; and peptide hormones, such as oxytocin, LL-37, DPK-060 and PXL-01 (and pharmaceutically acceptable salts thereof).

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10. The composition of claim 7 or 8, wherein the at least one pharmaceutically active agent is selected from the group consisting of: calcipotriol, betamethasone (or esters thereof), hydrocortisone (or esters thereof), mometasone furoate and/or diclofenac (or salts thereof).

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11. Cosmetic composition substantially consisting of a carrier (a):

a) from 90 % or 95 % or 98 % and up to 99.999 % by weight of the carrier according to any one of claims 1 to 6;

b) from 0.001 % or 0.1 % to 2 % or 5% or exceptionally up to 10 % by weight of one or more cosmetically active agents;

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wherein the carrier is a single-phase homogeneous liquid at room temperature (20°C).

12. Cosmetic composition substantially consisting of a carrier (a):

10 a) from 90 % or 95 % or 98 % and up to 99.999 % by weight of carrier consisting of:

from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % or 40 % by weight of phosphatidylcholine;

from 2 % or 5 % to 15 % or 20 % or 25 % by weight of monoglyceride;

15 from 2 % or 5 % to 15 % or 20 % or 25 % or 30 % by weight of fatty acid ester of C₁-C₃ alcohol;

the remainder being ethanol of a concentration of at least 25 %, the ethanol optionally comprising one or several of:

i) up to 20 % or 30 % or 40 % or even up to 50 % by weight of C₃-C₄

20 alcohol;

ii) up to 50 % or 60 % or even 75 % by weight of volatile silicone oil;

(iii) up to 1 % by weight of antioxidant, colorant, odorant, preservative, and denaturant;

and

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b) from 0.001 % or 0.1 % to 2 % or 5% or exceptionally up to 10% by

weight of one or more cosmetically active agent;

wherein the weight portions of carrier (a) and at least one cosmetically active agent (b) in the composition are adding up to 100 %;

and wherein the carrier is a single-phase homogeneous liquid at room

5 temperature (20°C).

13. The composition of claim 11 or 12, wherein the one or more cosmetically active agent is selected from the group consisting of: antiperspirants, such as aluminium chlorohydrate; sun screens, such as avobenzene,
10 bemotrizinol, diethylamino hydroxybenzoyl hexyl benzoate, octisalate, octocrylene, oxybenzone; tanning agents, such as dihydroxyacetone; insects repellants, such as Deet; keratolytics, such as glycolic acid, lactic acid, malic acid, salicylic acid, allantoin, urea and sulphur; antidandruff agents; glidants; moisturizing agents, such as glycerol, sorbitol,
15 dexpanthenol, propylene glycol, butandiols, pentanediols, hexanediols, urea, and lactic acid.

14. The composition of claim 11 or 12, wherein the one or more cosmetically active agent is selected from the group consisting of urea, glycolic acid,
20 lactic acid, glycerol, propylene glycol and dexpanthenol.

15. Spraying device comprising the composition of any of claims 7 to 14 and optionally a driving gas.