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We certify under penalty of perjury that the foregoing is true and correct.

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(54) [Title of the Invention] FILM FORMING ANTIFUNGAL AGENT COMPOSITION

(57) [Abstract]

[Objective]

To provide a film forming antifungal agent composition, which has no stickiness upon application, is excellent in adhesiveness, can form a film having excellent releasability of the antifungal agent and high penetrability to the keratinous layers and is effective in treatment of trichophytosis, especially, tinea unguium.

[Structure]

A film forming antifungal agent composition comprising a film forming compound having a tertiary amine, an antifungal agent and water, characterized in that the pH value of the composition falls in a pH range wherein said film forming compound can be dissolved or partially dissolved.

[Claims of the Invention]

[Claim 1]

A film forming antifungal agent composition comprising a film forming compound having a tertiary amine, an antifungal agent and water, characterized in that the pH value of the composition falls in a pH range wherein said film forming compound can be dissolved or partially dissolved.

[Claim 2]

The film forming antifungal agent composition, as set forth in claim 1, characterized in that said film forming compound is an alkylester methacrylate copolymer containing a tertiary amine and/or polyvinylacetal-diethylaminoacetate.

[Claim 3]

The film forming antifungal agent composition, as set forth in claim 2, characterized in that said film forming compound is a methylmethacrylate-butylmethacrylate-dimethylaminoethylmethacrylate copolymer and the pH value of the composition is 6.2 or lower.

[Claim 4]

The film forming antifungal agent composition, as set forth in claim 2, characterized in that said film forming compound is polyvinylacetal-diethylaminoacetate and the pH value of the composition is 5.8 or lower.

[Claim 5]

The film forming antifungal agent composition, as set forth in one of claims 1 to 4, characterized in that the antifungal agent is amorolfine hydrochloride.

[Claim 6]

The film forming antifungal agent composition, as set forth in one of claims 1 to 5, characterized by comprising a lower alcohol.

[Claim 7]

The film forming antifungal agent composition, as set forth in claim 6, characterized in that the lower alcohol is ethanol and/or isopropyl alcohol.

[Claim 8]

The film forming antifungal agent composition, as set forth in one of claims 1 to 7, characterized by comprising a wetting agent.

[Claim 9]

The film forming antifungal agent composition, as set forth in claim 8, characterized in that the wetting agent is at least one type selected from propylene glycol, dipropylene glycol and 1, 3-butylene glycol.

[Claim 10]

The film forming antifungal agent composition, as set forth in one of claims 1 to 9, characterized by comprising a keratinolytic agent.

[Claim 11]

The film forming antifungal agent composition, as set forth in claim 10, characterized in that the keratinolytic agent is at least one type selected from urea, salicylic acid, sodium salicylate and resorcinol.

[Claim 12]

The film forming antifungal agent composition, as set forth in one of claims 1 to 11, characterized by comprising a surfactant.

[Claim 13]

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