

ABSTRACT

An antimicrobial composition comprising an antimicrobially effective amount of a combination of:

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- A) a monoglyceride of lauric acid, a monoglyceride of monomyristic acid or a mixture of these monoglycerides, and
- 10 B) at least one chemical substance selected from the following group:
- 15 i) local anaesthetics of the amide type
ii) carbamide
iii) antibacterial substances in the form of steroid antibiotics, imidazole derivatives or nitroimidazole derivatives, and
iv) diols with 3 - 6 carbon atoms, and
- 20 C) optionally, a conventional physiologically acceptable carrier and/or physiologically acceptable additives.

A process for the preparation of this composition by
25 heating A) to the transition temperature of the lipid, adding B), and optionally C), and cooling the mixture to form a solid lipid crystal composition.

Use of the composition for the preparation of a
30 dermatological preparation for combatting bacteria and fungi or as a preservative additive in a cosmetic product, a food product, or a medical product.