PRIOR ART DOCUMENTS

PATENT DOCUMENTS

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Patent Document 1: JP H08-126690 A

Patent Document 2: JP 2007-289452 A

Patent Document 3: JP 2004-307375 A

SUMMARY

In one aspect, there is provided an external preparation comprising silver-carrying tricalcium phosphate, alum and zinc oxide wherein the alum content is 1-20 wt% relative to the total amount of the external preparation, and water content is less than 5 wt% relative to the total amount of the external preparation.

DISCLOSURE OF INVENTION

TECHNICAL PROBLEM

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The inventors, in view of the aforementioned background art, conducted earnest research on the use of a specific silver-carrying tricalcium phosphate as a deodorant and, as a result,

discovered that, although a combination of silver-carrying tricalcium phosphate and zinc oxide does not cause discoloration as seen with the combination of antibacterial zeolite and zinc oxide, a combination with alum, which is an antiperspirant, would cause discoloration when adhered to clothing. And, the inventors discovered that the discoloration that occurred when silver-carrying tricalcium phosphate and alum were combined could be suppressed by blending in zinc oxide, and thus completed the present invention.

CLAIMS

[Claim 1]

An external preparation comprising silver-carrying tricalcuium phosphate, alum and zinc oxide wherein the alum content is 1-20 wt% relative to the total amount of the external preparation, and water content is less than 5 wt% relative to the total amount of the external preparation.

[Claim 2]

The external preparation of claim 1 wherein said external preparation suppresses the discoloration that results from adherence to clothing~~the content of the silver-carrying tricalcuim phosphate powder is 0.5-20 wt%, the alum content is 1-20 wt%, and the zinc oxide content is 0.05-10 wt%.~~

[Claim 3]

The external preparation of claim 1 or 2 wherein said external preparation is an aerosol spray cosmetic.