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SHAVING CREAM

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4 Claims. (Cl. 167—85)

This invention relates to shaving creams and particularly to one which will soften the beard so that it can readily be cut by the razor and which at the same time imparts to the skin a certain smoothness and slipperiness which minimizes the danger of cutting the skin by the razor.

The composition according to my invention has the characteristic of a vanishing cream, thereby avoiding the necessity of washing after shaving or applying further after shaving lotion, and at the same time minimizes or prevents the harmful effects on the skin such as smarting or burning, particularly when alcohol is rubbed on the face after shaving.

In the preferred form of my invention, with the average person, the ease and facility of shaving is such that the noise and disagreeable feel of the razor is practically eliminated.

Other objects and advantages of my invention will appear from the following description:—

Specifically, my invention comprises a cream having stearic acid or equivalent, mineral oil, lanolin or their equivalents, emulsified by a suitable agent such as an ethanolamine and borax, tragacanth or tragasol or both, and a preservative such as boric acid.

A specific example of such composition is as follows:

	Parts by weight
Stearic acid	50
Lanolin	7
Mineral oil	6
Triethanolamine	2
Borax	2
Water	240
Green soap	3
Boric acid	1
Tragacanth	1
Glycerine	1½
Perfume	1

In preparing the composition, I preferably form a mixture of the stearic acid, lanolin, mineral oil, triethanolamine, borax, part of the water and green soap. For example:

Solution #1

	Parts by weight
Stearic acid	25
Lanolin	4½
Mineral oil	3
Triethanolamine	1
Borax	1
Water	100
Green soap	1½

The triethanolamine, borax and water are heated to approximately the boiling point, stearic acid, lanolin and mineral oil added, the temperature being about 180°, that is, sufficient to melt the ingredients. When these solutions are mixed, the borax and triethanolamine serve to emulsify the grease in water. The green soap may then be added dissolved in a small portion of water. If allowed to cool, Solution #1 is a white not completely homogeneous semi-pasty semi-solid colloidal mixture.

To this mixture, while in heated condition, I add a heated mixture of boric acid, tragacanth and glycerine, as for example:

Solution #2

	Parts by weight
Boric acid	1
Tragacanth	1
Water	40
Glycerine	1½

Solution #2, if allowed to cool, is a grey colloidal mixture which flows with difficulty and has approximately the characteristics and adhesive qualities of mucilage. After the two solutions are mixed and allowed to partially cool, the perfume is added.

The addition of Solution #2 to Solution #1 changes the properties of Solution #1. It loses its semi-pastiness and becomes creamy, more homogeneous and slippery to the feel and has greater vanishing cream qualities.

Solutions #1 and #2 may be mixed in different proportions. When three parts of Solution #1 are mixed with one part of Solution #2, the desirable characteristics of the shaving cream begin to appear. When two parts of Solution #1 are mixed with one part of Solution #2, the resulting mixture is most satisfactory for shaving. When less than one part of Solution #1 is mixed with two parts of Solution #2, the desirable characteristics for shaving cream do not appear.

The water content can be increased proportionately even to the point where the mixture slowly flows. The green soap may be omitted if desired. The boric acid is a preservative and if desired, some other preservative may be substituted. The quantity of glycerine may be increased if desired and particularly, when tragasol is used instead of tragacanth, it is advisable in forming Solution #2 to use 4½ to 6 parts.

The desirable characteristics for shaving creams and the like depend upon the proportion of tragacanth to the stearic acid, lanolin, mineral oil, ethanolamine and borax mixture. The traga-

canth should be less than 6% of these ingredients.

To use the composition, the beard is moistened with water, the cream spread on the face, enough on the face to be just visible is sufficient, the face is again moistened and is ready for shaving. With the composition containing tragasol, it should be left on the face about 30 seconds after applying before shaving.

This application is a continuation in part of my co-pending application, Serial No. 21,974, filed May 17, 1935.

Having described my invention, what I claim and desire to secure by Letters Patent is:—

1. A shaving cream comprising a homogeneous mixture of approximately, 50 parts stearic acid, 7 parts lanolin, 6 parts mineral oil, 2 parts triethanolamine, 2 parts borax, 240 parts water, 1 part tragacanth, 1 part boric acid, 1½ parts glycerine.

2. A shaving cream comprising a homogeneous mixture of approximately, 50 parts stearic acid, 7 parts lanolin, 6 parts mineral oil, 2 parts triethanolamine, 2 parts borax, 240 parts water, ⅔ to 4 parts tragacanth, 1 part boric acid, 1½ parts glycerine.

3. A shaving cream comprising a homogeneous mixture of 50 parts stearic acid, 7 parts lanolin, 6 parts mineral oil, 2 parts triethanolamine, 2 parts borax, water from 240 parts to a quantity sufficient to impart fluidity to the mixture, ⅔ to 4 parts gum of the class consisting of tragacanth and tragasol, 1 part boric acid, 1½ to 7 parts glycerine.

4. A shaving cream comprising a homogeneous mixture of, approximately, stearic acid 50 parts, lanolin 7 parts, mineral oil 6 parts, triethanolamine 2 parts, borax 2 parts, water from 240 parts to a quantity sufficient to impart fluidity to the mixture, tragasol ⅔ to 4 parts, boracic acid 1 part and glycerine 4½ to 6 parts.

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