

Improvements in the manufacture of cosmetics and skin tonics / [Carl Von Huber].

Contributors

Huber, Carl Von.
Wheatley & Mackenzie.

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Wellcome Collection
183 Euston Road
London NW1 2BE UK
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PROVISIONAL SPECIFICATION.

Improvements in the Manufacture of Cosmetics and Skin Tonics.

I, CARL VON HUBER, Gentleman, residing at 76, Hasenhaide, in the City of Berlin, Germany, do hereby declare the nature of this invention to be as follows:—

My invention relates to the manufacture of cosmetics and skin tonics, especially of that class usually manufactured with mercury as a base and it is designed to obviate the difficulties arising from the decomposition of these preparations which cause them to turn of a dirty grey after being kept for but a short time.

This decomposition which is due to the formation of some mercury in a metallic state and of chloride of mercury from the proto-chloride originally present and which in the preparations heretofore in use was usually covered up by the employment of a white colouring agent in admixture with the preparation, I entirely overcome in my improved process by the use of entirely pure not distilled rain water in the various stages of manufacturing of the preparation. The small amount of ammonia salts, principally nitrite and nitrate of ammonia always present in the rain water, seem to form basic compounds with the proto-chloride of mercury which causes it to stay of a dazzling snowy white colour.

In order to manufacture a mercury preparation such as are used for the removal of freckles, moles and the like and for the softening and general beautification of the skin, I employ subnitrate of mercury which must be obtained by the cold process and which I allow to crystallize the crystals being then dissolved in pure, not distilled rain water and the resulting solution precipitated with a solution of salt or other soluble chloride in rain water also not distilled. The precipitated proto-chloride of mercury is then washed with not distilled rain water until free from nitrate of soda, if salt is employed and finally dispensed either in the dry state or as a paste in mixture with pure not distilled rain water.

Dated this 30th day of November 1899.

WHEATLEY & MACKENZIE,
40, Chancery Lane, London, W.C., Agents.

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COMPLETE SPECIFICATION.

Improvements in the Manufacture of Cosmetics and Skin Tonics.

CARL VON HUBER, Gentleman, residing at 76, Hasenhaide, Berlin, in the Empire of Germany, do hereby declare the nature of this invention and in what manner

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Von Huber's Improvements in the Manufacture of Cosmetics and Skin Tonics.

the same is to be performed to be particularly described and ascertained in and by the following statement:—

My invention relates to the manufacture of cosmetics and skin tonics, for the removal of freckles, moles and the like, and for softening and general beautification of the skin, especially for the class of cosmetics usually manufactured with mercury as a base and it is designed to obviate the difficulties arising from the decomposition of these preparations which cause them to turn of a dirty grey after being kept for but a short time. 5

This decomposition which is due to the formation of some mercury in a metallic state and of chloride of mercury from the proto-chloride originally present and which in the preparations heretofore in use was usually covered up by the employment of a white colouring agent in admixture with the preparation, I entirely overcome in my improved process by the use of pure undistilled rain water in the various stages of manufacturing of the preparation. The small amount of ammonia salts, principally nitrite and nitrate of ammonia always present in the rain water, seem to form basic compounds with the proto-chloride of mercury giving it a permanent dazzling snowy white color. 10 15

The manufacture is carried out as follows:—

I part of mercury is allowed to flow into two parts of cold nitric acid and after the generation of brown vapours has ceased, the mixture allowed to cool and put aside to crystallise, when crystals of mercurous nitrate are deposited. These crystals are then freed from the solution in the ordinary manner, and dissolved in pure undistilled rain-water. To the solution obtained a solution of salt or some other soluble chloride in pure undistilled rain water is added and thus a snow white deposit of chloride of mercury is obtained, which is then washed with pure undistilled rain water. It is recommended that for use the preparation be in the form of a paste obtained by mixing it with pure undistilled rain water. The preparation will retain its pure white colour when kept a long time and does not change in the light. 20 25

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:— 30

A preparation of mercury for cosmetic purposes prepared by dissolving mercurous nitrate produced by the cold process in pure undistilled rain water, precipitating the solution with a solution of a soluble chloride in pure undistilled rain water, and afterwards washing the precipitate which consists substantially of chloride of mercury, with pure undistilled rain water substantially as described. 35

Dated this 31st day of July 1900.

WHEATLEY & MACKENZIE,
40, Chancery Lane, London, W.C., Agents. 40





