least one nonionic surfactant together with at least one alkylbenzene sulfonate and at least one olefin sulfonate, with the additional use of a chlorine-containing disinfectant such as dichloroisocyanurate, a marked reduction in the chlorine content is recorded soon after manufacture, and after a relatively short period of use the chlorine content can only be detected in traces.

[0007] It was therefore desirable to formulate an esthetic toilet block in a pleasing shape, which is flushed away evenly throughout its total life span and swells as little as possible. At the same time, it should be possible to incorporate antimicrobial active ingredients, in particular chlorine-containing disinfectants, in a stable manner.

[0008] Surprisingly, it has now been found that a formulation which comprises perfume, at least one alkylbenzene sulfonate and at least one olefin sulfonate and no more than 2.5 wt.% nonionic surfactants permits the stable incorporation of even chlorine-containing antimicrobial active ingredients. These toilet blocks do not swell and, because of their round shape, they always display a minimum surface area. They are therefore flushed away evenly, so that the original shape is retained even after many flushes.

[0009] The disclosure~~invention~~ therefore provides a toilet cleaning block, comprising perfume, at least one alkylbenzene sulfonate and at least one olefin sulfonate, which comprises no more than 2.5 wt.% nonionic surfactants and which can be shaped in a rolling machine or press to form a rotationally symmetrical object. In particular, the manufacture of spherical toilet cleaning blocks with high sphericity is possible.

[0009a] In one aspect of the invention, there is provided a toilet cleaning block comprising perfume, at least one alkylbenzene sulfonate and at least one olefin sulfonate, wherein the block comprises one or more antimicrobial active ingredients and no more than 2.5 wt.% nonionic surfactants and is shaped in a rolling machine or press to form a spherical object, wherein the antimicrobial active ingredient is a chlorine-containing antimicrobial active ingredient.

[0010] The toilet cleaning block according to the invention is generally employed in a dispensing device, such as a so-called rim block cage. This invention therefore also provides a system composed of at least one toilet cleaning block according to the invention and a dispensing device.

[0011] The toilet cleaning block according to the invention can be manufactured in a method that encompasses the steps of mixing the ingredients, extruding

the mixture, cutting the extruded strand into pieces of a defined mass and shaping into rotationally symmetrical objects.

[0012] The disclosure~~invention~~ therefore also provides a method of manufacturing a rotationally symmetrical toilet cleaning block, which comprises perfume, nonionic surfactant, alkylbenzene sulfonate and olefin sulfonate, encompassing the steps of

a) mixing the ingredients,

b) extruding the mixture,

c) cutting the extruded strand into pieces of a defined mass,

d) shaping into rotationally symmetrical objects.

[0012a] In another aspect, there is provided a method of manufacturing a rotationally symmetrical toilet cleaning block which comprises perfume, alkylbenzene sulfonate, olefin sulfonate and a chlorine-containing antimicrobial active ingredient, and is free from nonionic surfactants, encompassing the steps of: a) mixing the ingredients, b) extruding the mixture, c) cutting the extruded strand into pieces of a defined mass, d) shaping into rotationally symmetrical objects.

[0013] The system according to the invention composed of the toilet cleaning block and the dispensing device can additionally be used in a method for cleaning and/or perfuming and/or disinfecting flush toilets in that the dispensing device filled with the toilet cleaning block is suspended in the toilet bowl and, when the toilet is flushed, dissolved ingredients in the toilet cleaning block enter the flushing water and can develop their cleaning and/or perfuming and/or disinfecting action there.

[0014] The invention therefore also provides a method for cleaning and/or perfuming and/or disinfecting flush toilets using a system composed of a toilet cleaning block according to the invention and a dispensing device.

[0015] Substances which also act as ingredients in cosmetic agents may be referred to below according to the *International Nomenclature of Cosmetic Ingredients* (INCI) nomenclature. Chemical compounds have an INCI name in English, plant ingredients are listed exclusively in Latin by the Linne system, and so-called trivial names, such as "water", "honey" or "sea salt", are also given in Latin. The INCI names can be taken from the *International Cosmetic Ingredient Dictionary and Handbook - Seventh Edition* (1997), which is published by *The Cosmetic, Toiletry, and Fragrance Association* (CTFA), 1101 17th Street, NW, Suite 300, Washington, DC 20036, USA, and contains more than 9,000 INCI names as well as references to more than 37,000 trade names