CLAIMS

[Claim 1]

A powder detergent composition comprising the following component (a) in an amount of 5.0 mass% or more and 20.0 mass% or less, the following component (b) in an amount of 1.0 mass% or more and 20.0 mass% or less, and the following component (c) in an amount of 0.1 mass% or more and 5.0 mass% or less,

component (a): a surfactant (excluding component (c)) containing one or more anionic surfactants (hereinafter referred to as component (a11)) selected from a polyoxyalkylene alkyl or alkenyl ether sulfate, an α-sulfo fatty acid ester, and a salt of these, wherein a content ratio of the component (a11) in the component (a) is 20 mass% or more,

component (b): a percarbonate, and

component (c): an alkanoyl or alkenoyloxy benzene sulfonic acid or a salt thereof,

wherein a mass ratio of a total content of the components (b) and (c) to a content of the component (a11), [(b) + (c)]/(a11), is 0.5 or more and 2.0 or less.

[Claim 2]

A powder detergent composition comprising the following component (a) in an amount of 5.0 mass% or more and 20.0 mass% or less, the following component (b) in an amount of 1.0 mass% or more and 20.0 mass% or less, and the following component (c) in an amount of 0.1 mass% or more and 5.0 mass% or less,

component (a): a surfactant (excluding component (c))

containing one or more anionic surfactants (hereinafter referred to as component (a11)) selected from a polyoxyalkylene alkyl or alkenyl ether sulfate, an α-sulfo fatty acid ester, and a salt of these, wherein a content ratio of the component (a11) in the component (a) is 20 mass% or more,

component (b): a percarbonate, and

component (c): an alkanoyl or alkenoyloxy benzene sulfonic acid or a salt thereof,

wherein a mass ratio of a total content of the components (b) and (c) to a content of the component (a), [(b) + (c)]/(a), is 0.26 or more and 1.0 or less.

[Claim 3]

The powder detergent composition according to claim 1 or 2, wherein a content ratio of an anionic surfactant in the component (a) is 50 mass% or more.

[Claim 4]

The powder detergent composition according to claim 1 or 2, wherein a content ratio of the component (a11) in the component (a) is 50 mass% or more.

[Claim 5]

The powder detergent composition according to claim 1 or 2, wherein the component (a11) is a polyoxyalkylene alkyl or alkenyl ether sulfate or a salt thereof.

[Claim 6]

The powder detergent composition according to claim 1 or 2, wherein a mass ratio of a content of the component (b) to a content of the component (c), (b)/(c), is 3.0 or more.

[Claim 7]

The powder detergent composition according to claim 1 or 2, wherein a pH at 25°C of 1 g of the powder detergent composition diluted to 1000 g with ion-exchanged water is 9.0 or more.

[Claim 8]

The powder detergent composition according to claim 1 or 2, wherein the composition is used for textile products.

[Claim 9]

A method for washing a textile product, comprising washing the textile product with a detergent liquid obtained by mixing the powder detergent composition according to claim 1 or 2 and water.