CLAIMS

1. A detergent comprising:

(A) an anionic surfactant,

(B) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (I):

$$0.01 \leq Si/AO \leq 1.6 \qquad (I)$$

wherein Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B), and

(C) an organic acid,

wherein a mass ratio [(A)/(B)] of the component (A) to the component (B) is 25 or more, and

a mass ratio [(A)/(C)] of the component (A) to the component (C) is 1 or more and 3,000 or less.

2. A detergent, which is prepared by blending:

(A) an anionic surfactant,

(B) an aminopolyether-modified silicone containing a polyoxyalkylene structure and satisfying the following formula (I):

$$0.01 \leq Si/AO \leq 1.6 \qquad (I)$$

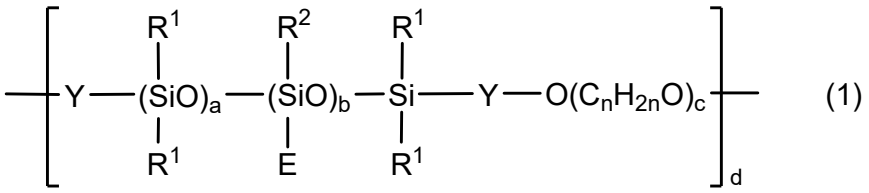
wherein Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B), and

(C) an organic acid,

wherein a mass ratio [(A)/(B)] of the component (A) to the component (B) is 25 or more, and

a mass ratio [(A)/(C)] of the component (A) to the component (C) is 1 or more and 3,000 or less.

3. The detergent according to claim 1 or 2, wherein the component (B) has a repeating unit represented by the following general formula (1):



(1)

wherein R^1 represents a hydrogen atom or a monovalent hydrocarbon group having 1 or more and 6 or less carbon atoms; R^2 represents either R^1 or E; E represents a monovalent group represented by $-R^3-Z$, wherein R^3 represents a single bond or a divalent hydrocarbon group having 1 or more and 20 or less carbon atoms, and Z represents a primary to tertiary amino group-containing group; Y represents an alkylene group having 1 or more and 6 or less carbon atoms; a represents a number of 2 or more; b represents a number of 1 or more; c represents a number of 4 or more and 100 or less; and d represents a number of 1 or more; n represents a number of 2 or more and 10 or less; the bonding order among the structural units within the bracket does not matter, and the bonding form may be a block form or a random form; the $C_nH_{2n}O$'s in the number of c may be the same as or different from each other; and plural R^1's, R^2's, and E's may be the same as or different from each other, respectively.

4. The detergent according to any one of claims 1 to 3, wherein the component (C) is at least one selected from the group consisting of a monovalent carboxylic acid having a hydroxy group and a polyvalent carboxylic acid which may have a hydroxy group.

5. The detergent according to any one of claims 1 to 4, which further comprises or is prepared by further blending, as a component (B)', a silicone other than the component (B).

6. The detergent according to claim 5, wherein the component (B)' is at least one selected from the group consisting of an aminopolyether-modified silicone other than the component (B), an amino-modified silicone, a polyether-modified silicone, a dimethylpolysiloxane, a methylphenylpolysiloxane, a fatty acid-modified silicone, an alkoxy-modified silicone, and an alkyl-modified silicone.

7. The detergent according to any one of claims 1 to 6, which further

comprises or is prepared by further blending, as a component (D), a cationic polymer.

8. The detergent according to any one of claims 1 to 7, which further comprises or is prepared by further blending, as a component (E), an ampholytic surfactant.

9. The detergent according to any one of claims 1 to 8, which further comprises or is prepared by further blending, as a component (F), a nonionic surfactant.

10. The detergent according to any one of claims 1 to 9, wherein the content or blending amount of the component (A) is 1% by mass or more and 30% by mass or less.

11. The detergent according to any one of claims 1 to 10, which is a hair detergent.

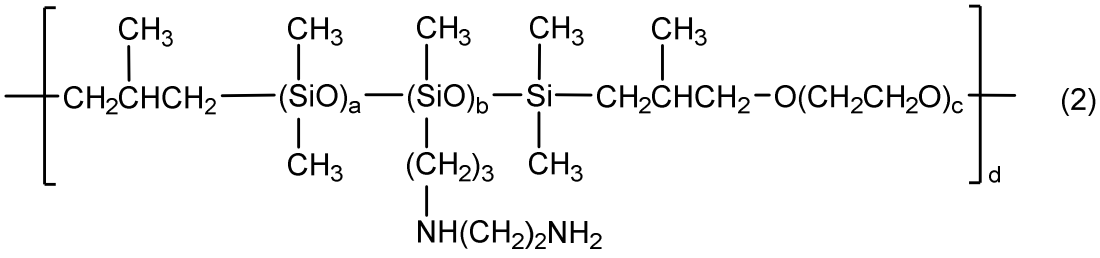
12. A detergent comprising or prepared by blending:

(A) at least one anionic surfactant selected from the group consisting of alkyl sulfuric acid salts, alkyl ether sulfuric acid salts, and alkyl ether carboxylic acid salts,

(B) an aminopolyether-modified silicone satisfying the following formula (I) and containing a polyoxyalkylene structure having a repeating unit represented by the general formula (2):

$$0.5 \leq Si/AO \leq 1.2 \qquad (I)$$

(in the formula (I), Si represents a molar number of a silicon atom in the component (B), and AO represents an oxyalkylene average addition molar number in the component (B)), and



(2)

(in the formula (2), a represents a number of 2 or more and 100 or less; b represents a number of 1 or more and 50 or less; c represents a number of 10 or more and 18 or less; d represents a number of 1 or more and 100 or less; and the bonding order among the structural units within the bracket does not matter, and the bonding form may be a block form or a random form), and

(C) at least one organic acid selected from the group consisting of lactic acid, succinic acid, citric acid, tartaric acid, and malic acid,

wherein,

the content or blending amount of the component (A) is 1 to 30% by mass,

a kinematic viscosity at 25°C of the component (B) is 500 to 1,500 mm^2/s,

a mass ratio [(A)/(B)] of the component (A) to the component (B) is 25 to 2,000, and

a mass ratio [(A)/(C)] of the component (A) to the component (C) is 5 to 2,000.

13. The detergent according to claim 12, wherein the Si/AO in the formula (1) is 0.7 or more and 0.9 or less.

14. The detergent according to claim 12 or 13, wherein the kinematic viscosity at 25°C of the component (B) is 700 to 1,400 mm^2/s.

15. The detergent according to any one of claims 12 to 14, wherein the content or blending amount of the component (A) is 5 to 18% by mass.

16. The detergent according to any one of claims 12 to 15, wherein the content or blending amount of the component (B) is 0.001 to 1% by mass.

17. The detergent according to any one of claims 12 to 16, wherein the mass ratio [(A)/(B)] of the component (A) to the component (B) is 75 to 1,000.

18. The detergent according to any one of claims 12 to 17, which is a hair detergent.

19. A method for preventing entanglement of hair or fibers, the method

comprising a step of washing hair or fibers by using the detergent according to any one of claims 12 to 18.