[Table 1]

Detergent composition for hard surfaces		Example																		Comparative Example			
Composition (mass %)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1	2	3	4
(a)	Ethanol	12	12	12	12	12	12	12	12	6	18	11	12	13	14	15	16	17	18	12	3	25	12
(b)	Polyether-modified silicone 1	0.01	0.01	0.01						0.01	0.01	0.003	0.3	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	
	Polyether-modified silicone 2				0.01																		
	Polyether-modified silicone 3					0.01																	
	Polyether-modified silicone 4						0.01																
	Polyether-modified silicone 5							0.01															
	Polyether-modified silicone 6								0.01														
(b')	Cyclic silicone																			0.01			
	Anion-modified silicone																						0.01
(c)	Nonionic surfactant 1	0.1			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.01	0.01	3			0.1	0.1	0.1	0.1
	Nonionic surfactant 2		0.1																				
	Nonionic surfactant 3			0.1																			
	Amphoteric surfactant																	0.1					
	Anionic surfactant																		0.1				
Ion exchange water		balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance	balance
Total		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
pH (20℃)		7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
(a)/(b) (mass ratio)		1200	1200	1200	1200	1200	1200	1200	1200	600	1800	4000	40	1200	1200	1200	1200	1200	1200	1200	300	2500	1200
(b)/(c) (mass ratio)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.03	3	0.013	1	1.25	0.003	0.1	0.1	0.1	0.1	0.1	0.1
Detergency		5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	5	4	5	4	5	5	5
Finishing property (wiping lines)		5	3	3	4	3	4	3	4	4	4	5	3	4	4	4	3	3	3	1	2	2	2

[0130]

The components in the table are as described below.

CLAIMS

1. A detergent composition for hard surfaces, comprising (a) ethanol [hereinafter, referred to as component (a)] in an amount of 5% by mass or more and 23% by mass or less, (b) a polyether-modified silicone [hereinafter, referred to as component (b)], (c) a surfactant [hereinafter, referred to as component (c)], and water, wherein a mass ratio of component (a) to component (b), (a)/(b), is 20 or more and 20000 or less.

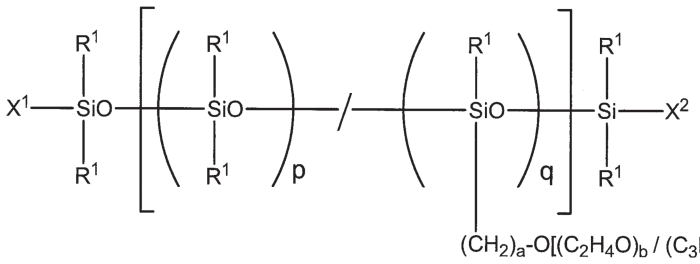
2. The detergent composition for hard surfaces according to claim 1, which contains a nonionic surfactant as component (c).

3. The detergent composition for hard surfaces according to claim 2, wherein the nonionic surfactant is one or more nonionic surfactants selected from (1) polyoxyalkylene mono-alkyl or alkenyl ethers and (2) glycoside-type nonionic surfactants.

4. The detergent composition for hard surfaces according to any one of claims 1 to 3, wherein a mass ratio of component (b) to component (c), (b)/(c), is 0.001 or more and 10 or less.

5. The detergent composition for hard surfaces according to any one of claims 1 to 4, wherein component (b) is a compound represented by the following general formula (b1):

[Chem. 1]



(b 1)

wherein, R^1s may be the same or different, and each represent an alkyl group having 1 or more and 4 or less carbon atoms; p represents a number of 0 or more and 1000 or less, and q represents a number of 1 or more and 1000 or less; X^1 and X^2 may be the same or different, and each represent a hydroxy group, or an alkyl group or an alkoxy group having 1 or more and 4 or less carbon atoms; R^2 represents a hydrogen atom, an alkyl group having 1 or more and 4 or less carbon atoms, or an acyl group having 2 or more and 4 or less carbon atoms; a represents a number of 1 or more and 4 or less, b represents a number of 1 or more and 100 or less, and c represents a number of 0 or more and 50 or less; and / indicates that the constituting units with p and q, and the constituting units with b and c may be in a random form or a block form.

6. The detergent composition for hard surfaces according to any one of claims 1 to 5, wherein component (b) is contained

in an amount of 0.0008% by mass or more and 3% by mass or less.

7. The detergent composition for hard surfaces according to any one of claims 1 to 6, wherein component (c) is contained in an amount of 0.005% by mass or more and 5% by mass or less.

8. The detergent composition for hard surfaces according to any one of claims 1 to 7, for use in wipe-washing.

9. The detergent composition for hard surfaces according to any one of claims 1 to 8, which is for a floor.

10. The detergent composition for hard surfaces according to claim 9, wherein the mass ratio of component (a) to component (b), (a)/(b), is 40 or more and 20000 or less.

11. A detergent article for hard surfaces, comprising the detergent composition for hard surfaces according to any one of claims 1 to 10 filled in a spray container.

12. A method for washing a floor, comprising depositing the detergent composition for hard surfaces according to any one of claims 1 to 10 on the floor, and then wiping off the composition.

13. The method for washing a floor according to claim 12, wherein the detergent composition for hard surfaces is deposited on the floor by spraying with a spray.

14. A method for reducing wiping lines on a ceramic tile floor, comprising using the detergent composition for hard surfaces according to any one of claims 1 to 10.