CLAIMS

1. A liquid cleaning agent product for textile products, comprising:

a liquid cleaning agent composition for textile products which contains a component (A), a component (B), and a component (C) and is stored in a flexible container,

wherein the component (A) is a nonionic surfactant,

the component (B) is at least one kind selected from the group consisting of citric acid, tartaric acid, malic acid, lactic acid, hydroxybutyric acid, and glycolic acid (other than a component corresponding to the component (C)),

the component (C) is an antioxidant,

a content of the component (A) is 8% by mass or more with respect to a total mass of the liquid cleaning agent composition for textile products,

a content of the component (B) is 5% by mass or more with respect to the total mass of the liquid cleaning agent composition for textile products,

a content of the component (C) is 0.0001% to 0.2% by mass with respect to the total mass of the liquid cleaning agent composition for textile products, and

a pH at 25°C is less than 7.

2. The liquid cleaning agent product for textile products according to claim 1,

wherein the liquid cleaning agent composition for textile products further contains a component (D), and

the component (D) is an antibacterial agent.

3. The liquid cleaning agent product for textile products according to claim 1 or 2,

wherein the liquid cleaning agent composition for textile products further contains a component (E), and

the component (E) is an anionic surfactant.

4. The liquid cleaning agent product for textile products according to any one of claims 1 to 3,

wherein the component (A) includes a compound represented by Formula (a-1) and a compound represented by Formula (a-3),

R^{12}-X-[$(EO)_s$/$(PO)_t$]-R^{13} (a-1)

in Formula (a-1), R^{12} represents a hydrocarbon group having 8 to 18 carbon atoms, X represents -O- or -C(O)O-, and R^{13} represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, or an alkenyl group having 2 to 6 carbon atoms; s represents an average repeating number of EO, which is 3 to 20; t represents an average repeating number of PO, which is 0 to 6; and EO represents an oxyethylene group, PO represents an oxypropylene group, and EO and PO may be irregularly arranged,

R^{15}-X^2-[$(EO)_a$/$(BO)_b$]-R^{16} (a-3)

in Formula (a-3), R^{15} represents a monovalent hydrocarbon group having 8 to 24 carbon atoms, X^2 represents -O-, -C(O)O-, or -C(O)NH-, R^{16} represents a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, or an alkenyl group having 2 to 6 carbon atoms, a represents an average repeating number of EO, which is 1 to 30, b represents an average repeating number of BO, which is 1 to 20, EO represents an oxyethylene group, BO represents an oxybutylene group, and EO and BO may be irregularly arranged.

5. The liquid cleaning agent product for textile products according to any one of claims 1 to 4,

wherein a mass ratio represented by the component (A) / the component (B) is 1.6 or more.

6. The liquid cleaning agent product for textile products according to any one of claims 1 to 4,

wherein the liquid cleaning agent composition for textile products is free of hydrogen peroxide.

7. A cleaning method of textile products comprising:

a step of bringing a textile product to which p-cresol is attached into contact with a cleaning liquid obtained by diluting the liquid cleaning agent composition for textile products stored in the flexible container in the liquid cleaning agent product for textile products according to any one of claims 1 to 6.