CLAIMS

[Claim 1]

A method for accelerating an enzyme reaction comprising, reacting a substrate with an enzyme in the presence of (a) di-(2-propylheptyl)sulfosuccinate or a salt thereof [hereinafter referred to as component (a)], wherein the enzyme is one or more selected from the group consisting of a protease, an amylase, and a lipase.

[Claim 2]

The method for accelerating an enzyme reaction according to claim 1, wherein an aqueous medium containing the component (a), the enzyme and water is brought into contact with the substrate to react the substrate with the enzyme.

[Claim 3]

The method for accelerating an enzyme reaction according to claim 2, wherein a content of the component (a) in the aqueous medium is 0.01 mass% or more and 1.0 mass% or less.

[Claim 4]

The method for accelerating an enzyme reaction according to claim 2 or 3, wherein the aqueous medium further comprises a surfactant other than the component

(a) [hereinafter referred to as component (b)], and a content of the component (b) in the aqueous medium is 3.0 mass% or less.

[Claim 5]

The method for accelerating an enzyme reaction according to any one of claims 2 to 4, wherein the aqueous medium is brought into contact with the substrate in the state of foam.

[Claim 6]

The method for accelerating an enzyme reaction according to any one of claims 1 to 5, wherein the substrate is one or more selected from protein, starch and lipid.

[Claim 7]

The method for accelerating an enzyme reaction according to any one of claims 1 to 6, wherein the substrate is present in soil adhering to an article.

[Claim 8]

The method for accelerating an enzyme reaction according to any one of claims 1 to 7, wherein the substrate is present in soil adhering to a hard surface of an article having the hard surface.

[Claim 9]

The method for accelerating an enzyme reaction according to any one of claims 1 to 8, wherein the substrate is present in soil adhering to a fiber portion of an article including fibers.

[Claim 10]

Use of di-(2-propylheptyl)sulfosuccinate or a salt thereof [hereinafter referred to as component (a)] as an active component for accelerating an enzyme reaction, wherein the enzyme is one or more selected from the group consisting of a protease, an amylase, and a lipase.

[Claim 11]

Use of (a) di-(2-propylheptyl)sulfosuccinate or a salt thereof [hereinafter referred to as component (a)] as an active component, and a surfactant other than the component (a) [hereinafter referred to as component (b)], for accelerating an enzyme reaction, wherein the enzyme is one or more selected from the group consisting of a protease, an amylase, and a lipase, wherein a mass ratio of a content of the component (a) to a content of the component (b), (a)/(b), is 0.001 or more and 50 or less.

[Claim 12]

Use as an enzyme reaction accelerating agent of (a) di-(2-propylheptyl)sulfosuccinate or a salt thereof,

wherein the enzyme is one or more selected from the group consisting of a protease, an amylase, and a lipase.

[Claim 13]

A detergent composition for use in a dishwasher comprising, (a) di-(2-propylheptyl)sulfosuccinate or a salt thereof [hereinafter referred to as component (a)], and (d) an enzyme [hereinafter referred to as component (d)], wherein the enzyme is one or more selected from the group consisting of a protease, an amylase, and a lipase.

[Claim 14]

The detergent composition for use in a dishwasher according to claim 13, comprising the component (a) in an amount of 0.01 mass% or more and 5 mass% or less.

[Claim 15]

The detergent composition for use in a dishwasher according to claim 13 or 14, further comprising (b4) a nonionic surfactant.

[Claim 16]

The detergent composition for use in a dishwasher according to any one of claims 13 to 15, further comprising one or more chelating agents selected from citric acid, glutamic acid diacetic acid and salts of these.

[Claim 17]

The detergent composition for use in a dishwasher according to any one of claims 13 to 16, further comprising one or more anti-foaming agents selected from silicone oil, polypropylene glycol and hydrophobic silica particles.

[Claim 18]

The detergent composition for use in a dishwasher according to any one of claims 13 to 17, wherein the detergent composition for use in a dishwasher is liquid, and the detergent composition for use in a dishwasher has a viscosity of 10 mPa·s or more and 5,000 mPa·s or less at 25°C.

[Claim 19]

The detergent composition for use in a dishwasher according to any one of claims 13 to 18, wherein a mixture containing the detergent composition for use in a dishwasher in an amount of 0.2 mass% and water has a pH of 5 or more and 12 or less at 25°C.

[Claim 20]

The detergent composition for use in a dishwasher according to any one of claims 13 to 19, wherein a mass ratio of a content of the component (a) to a content of

the component (d), (a)/(d), is 0.1 or more and 50 or less.

[Claim 21]

A method for washing tableware comprising, washing the tableware in a dishwasher with the detergent composition according to any one of claims 13 to 20.

[Claim 22]

The method for washing tableware according to claim 21, wherein the tableware is washed in the dishwasher with a washing liquid prepared by diluting the detergent composition with water.

[Claim 23]

The method for washing tableware according to claim 22, wherien the washing liquid has a temperature of 30°C or more and 80°C or less.

[Claim 24]

Use as a detergent for use in a dishwasher of the composition according to any one of claims 13 to 20.