containing composition"), as well as a flying-insect pest repellent fragrance-containing composition and a flying-insect pest repellent product that exhibits the excellent flying-insect pest repellent effect in use by suppressing the decomposition and deterioration of the flying-insect pest repellent fragrance during storage as the product.

SOLUTION TO PROBLEM

[0014]

The present disclosure has been made based on findings that the following configurations exhibit excellent effects in achieving the above object.

[0014a]

In another aspect, there is provided a flying-insect pest repellent fragrance-containing composition, consisting of:

a component (a) and a component (b); and d-limonene and/or

1,8-cineole,

the component (a) being an acetate compound as a single substance or a mixture, represented by general formula (I) below,

CH_3-COO-R1 ··· (I)

wherein R1 is an alcohol residue having 6 to 12 carbons,

the component (b) being a monoterpene-based alcohol and/or an aromatic alcohol having 10 carbon atoms,

wherein the blending amount of the d-limonene and/or 1,8-cineole is in a range of 10 to 65% by mass.

[0014b]

In another aspect, there is provided a flying-insect pest repellent product, comprising a flying-insect pest repellent fragrance-containing composition in which an absorption promotor is blended, the flying-insect pest repellent fragrance-containing composition being held on an elastomer molded body while being embedded in interstices of a molecular structure of the elastomer molded body, the elastomer molded body having a hardness of 60 degrees or less,

wherein the absorption promotor consists of:

d-limonene and/or 1,8-cineole as an active ingredient,

wherein the absorption promotor is blended in a range of 10 to 65% by mass in the flying-insect pest repellent fragrance-containing composition.

[0015]

(1) In an example, there is provided an absorption

promotor for causing a flying-insect pest repellent fragrance-containing composition to be absorbed into an elastomer molded body having a hardness of 60 degrees or less, including

d-limonene and/or 1,8-cineole as an active ingredient.

(2) The absorption promotor of (1), wherein the elastomer molded body is a silicon rubber molded body.

(3) The absorption promotor of (1), wherein the elastomer molded body is a thermoplastic elastomer molded body.

(4) The absorption promotor of (3), wherein the thermoplastic elastomer molded body is a styrene-based thermoplastic elastomer molded body or an olefin-based

CLAIMS

1. A flying-insect pest repellent fragrance-containing composition, consisting of: a component (a) and a component (b); and d-limonene and/or 1,8-cineole,

the component (a) being an acetate compound as a single substance or a mixture, represented by general formula (I) below,

CH_3-COO-R1 ··· (I)

wherein R1 is an alcohol residue having 6 to 12 carbon atoms,

the component (b) being a monoterpene-based alcohol and/or an aromatic alcohol having 10 carbon atoms,

wherein the blending amount of the d-limonene and/or 1,8-cineole is in a range of 10 to 65% by mass.

2. The flying-insect pest repellent fragrance-containing composition of claim 1, wherein

the component (a) is at least one selected from the acetate compound and an allyl ester compound as a single substance or a mixture, represented by general formula (II) below,

R2-CH_2-COO-CH_2-CH=CH_2 ··· (II)

wherein R2 is an alkyl, alkoxy, cycloalkyl, cycloalkoxy, or phenoxy group having 4 to 7 carbon atoms.

3. A flying-insect pest repellent product, comprising a

flying-insect pest repellent fragrance-containing composition in which an absorption promotor is blended, the flying-insect pest repellent fragrance-containing composition being held on an elastomer molded body while being embedded in interstices of a molecular structure of the elastomer molded body, the elastomer molded body having a hardness of 60 degrees or less,

wherein the absorption promotor consists of:

d-limonene and/or 1,8-cineole as an active ingredient,

wherein the absorption promotor is blended in a range of 10 to 65% by mass in the flying-insect pest repellent fragrance-containing composition.

4. The flying-insect pest repellent product of claim 3, wherein the elastomer molded body having the hardness of 60 degrees or less is configured such that a flying-insect pest repellent fragrance is volatilized from a surface of the elastomer molded body at a rate (average volatilization amount per unit surface area) of 0.04 to 0.9 mg/cm^2·h.

5. The flying-insect pest repellent product of claim 3 or 4, wherein the elastomer molded body having the hardness of 60 degrees or less is a ring-shaped elastomer molded body that includes a stretchable ring-shaped portion which a part of a human body or an object is inserted into or attached to, or a band-shaped elastomer molded body which is capable of forming a

stretchable ring-shaped portion by connecting or proximating ends and which a part of a human body or an object is inserted into or attached to.

6. The flying-insect pest repellent product of claim 5, wherein the flying-insect pest repellent fragrance is volatilized over 5 to 15 hours while the part of the human body or object is inserted into or attached to the ring-shaped portion.