CLAIMS

1. A composition comprising:

at least one alarm pheromone compound contained in an alarm pheromone composition of an ant belonging to Myrmicinae,

at least one hydrocarbon compound having 19 to 50 carbon atoms and being physiologically active on the ant,

wherein the alarm pheromone compound is at least one selected from the group consisting of a ketone compound having 7 to 11 carbon atoms and an alcohol compound having 7 to 11 carbon atoms, and

wherein the hydrocarbon compound is at least one contained in a hydrocarbon composition present on a body surface of the ant.

2. The composition according to claim 1, wherein the alarm pheromone compound is 3-octanone and/or 4-methyl-3-nonanone.

3. The composition according to claim 1, wherein the hydrocarbon compound is selected from the group consisting of nonadecane, (9Z)-9-nonadecene, icosane, henicosane, docosane, tricosane, tetracosane, pentacosane, hexacosane, heptacosane, octacosane, nonacosane, triacontane, hentriacontane, 9-methyltriacontane, dotriacontane, 9-methylhentriacontane, 7,11-dimethyltriacontane, tritriacontane, 9-methyldotriacontane, 3,5-dimethylhentriacontane, 3,7,11-trimethyltriacontane, 3,7,11-trimethyldotriacontane, tetratriacontane, 9-methyltritriacontane, 3,7,11-trimethylhentriacontane, pentatriacontane, 4,8,12-trimethyldotriacontane, hexatriacontane, 3,7,11-trimethyltritriacontane, 4,8,12-trimethyltritriacontane, 3,7,11-

trimethyltetratriacontane, heptatriacontane, 4,8,12-trimethyltetratriacontane, octatriacontane, 3,7,11-trimethylpentatriacontane, 4,8,12-trimethylpentatriacontane, nonatriacontane, 4,8,12-trimethylhexatriacontane, tetracontane, hentetracontane, 7,11-dimethylnonatriacontane, dotetracontane, tritetracontane, tetratetracontane, pentatetracontane, hexatetracontane, heptatetracontane, octatetracontane, nonatetracontane and pentacontane.

4. An agent for controlling an ant belonging to Myrmicinae, the agent comprising:

the composition according to any one of claims 1 to 3, and

a container containing the composition therein or a carrier carrying the composition.

5. The agent according to claim 4, comprising the container which is a closed container, wherein at least a part of the container comprises such a polymer membrane that the alarm pheromone compound can permeate through the membrane.

6. The agent according to claim 4, comprising the container which is an aerosol sprayer for generating an aerosol of the composition.

7. The agent according to claim 4, comprising no insecticidal component.

8. A method for controlling an ant belonging to Myrmicinae, by using the agent according to claim 4.

9. The method according to claim 8, comprising a step of installing the agent in an area or field to be protected from the ant, around an object to be protected from the ant, or around a colony of the ant, to release the alarm pheromone compound from the agent.

10. The method according to claim 8, comprising steps of:

installing the agent comprising the container which is a closed container wherein at least a part of the container comprises such a polymer membrane that the alarm pheromone compound can permeate through the membrane, in an area or field to be protected from the ant to release the alarm pheromone from the container; and

bringing the ant into contact with a surface of the container on which the hydrocarbon compound having permeated through the polymer membrane is present, or allowing the ant to break the container, so as to attach the hydrocarbon compound to the ant.

11. The method according to claim 8, comprising a step of spraying the composition from the agent comprising the container which is an aerosol sprayer for generating an aerosol of the composition, into a colony of the ant to bring the ant into contact with the composition.

12. The method according to claim 8, wherein no insecticide is used.

13. A agent for controlling an ant, the agent comprising:

at least one compound for inducing an attack by an ant belonging to Myrmicinae on the same species, or repelling the ant; and

a container containing the compound or a carrier carrying the compound;and

no insecticidal component;

wherein the compound is at least one alarm pheromone compound contained in an alarm pheromone composition of the ant, and is at least one selected from the group consisting of a ketone compound having 7 to 11 carbon atoms and an alcohol compound having 7 to 11 carbon atoms.

14. The agent according to claim 13, comprising the container which is an aerosol sprayer for generating an aerosol of the compound.

15. The agent according to claim 13, comprising the container, wherein the container is a closed container, and at least a part of the container comprises such a polymer membrane capable of allowing the alarm pheromone compound to penetrate through the membrane.

16. The agent according to any one of claims 13 to 15, wherein the ant is a leaf cutting ant.

17. A method for controlling an ant belonging to Myrmicinae by using the agent according to claim 13.

18. The method according to claim 17, comprising a step of installing the agent in an area or field to be protected from the ant, around an object to be protected from the ant, or around a colony of the ant, to release the alarm pheromone compound from the container or carrier.

19. The method according to claim 17, wherein the agent comprises the container which is a sprayer, and the method comprises a step of spraying the compound from the agent into a colony of the ant to bring the ant into contact with the compound.

20. The method according to any one of claims 17 to 19, wherein no insecticide is used.