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## <u>Claims</u>

- A composition for use in masking the odor of a fish semiochemical in water,
  wherein the attraction between an ectoparasite and a fish in water is reduced,
  characterized in that the composition comprises a compound, and is added to said water or is administered to a fish in said water, wherein said compound is diallyl sulfide, and wherein said fish semiochemical is isophorone.
- 10 2. A composition according to claim 1, wherein said fish semiochemical is isophorone.
  - 3. A composition according to claim 1, wherein said fish semiochemical is 1-Octen-3-ol or 6-methyl-5-hepten-2-one.
  - 4. A composition according to claim 1, wherein said fish is a Salmonidae, preferably selected from the group consisting of Atlantic salmon, Coho salmon, Chinook, rainbow trout, Arctic char and other farmed salmon species.
- 20 <u>35</u>. A composition according to claim 1, wherein said parasite is sea lice (*Lepeophtheirus salmonis, Caligus* sp.).
  - 6. A compound for use in masking the odor of a fish semiochemical in water, wherein the attraction between a parasite and a fish is reduced, or wherein the infestation or infection of a parasite in a fish is reduced, characterized in that the compound is diallyl sulfide, and wherein said parasite is an ectoparasite, preferably sea lice (*Lepeophtheirus salmonis*, *Caligus* sp.)..
- A composition according to claim 6, wherein said fish is a Salmonidae,
  preferably selected from the group consisting of Atlantic salmon, Coho salmon,
  Chinook, rainbow trout, Arctic char and other farmed salmon species.

8. A feed composition for use in masking the odor of a fish semiochemical in water, wherein the attraction between an ectoparasite and a fish is reduced, or wherein the infestation or infection of an ectoparasite in a fish is reduced, wherein the feed comprises conventional feed ingredients such as lipids, proteins, vitamins, carbohydrates and minerals, and a compound, wherein the compound is diallyl sulfide.

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9. A feed composition according to claim 8, said compound in the feed is in a concentration range of 0.01-0.5, preferably in a concentration of 0.125% by weight of the feed.