Claims

1. An encapsulated composition comprising a plurality of core-shell microcapsules, the core-shell microcapsules comprising a core and a shell surrounding the core, the core comprising a fragrance composition, wherein the fragrance composition comprises at least 9 wt.-%, more preferably at least 12 wt.-%, based on the total weight of the fragrance composition, of at least four, preferably at least five, more preferably at least six, performance driving perfume ingredients selected from the group consisting of 2,6,10-trimethylundec-9-enal; 2-methyldecanal; undec-10-enal; (E)-undec-9-enal; 3,8,8,11a-tetramethyldodecahydro-1H-3,5a-epoxynaphtho[2,1-c]oxepine; 1,3,4,5,6,7-hexahydro-β,1,1,5,5-pentamethyl-2H-2,4a-methanonaphthalene-8-ethanol; decahydro-2,2,6,6,7,8,8-heptamethyl indenofuran; (4aR,5R,7aS,9R)-Octahydro-2,2,5,8,8,9a-hexamethyl-4H-4a,9-methanoazuleno[5,6-d]-1,3-dioxole; 7-isopentyl-2H-benzo[b][1,4]dioxepin-3(4H)-one; 8-(sec-butyl)-5,6,7,8-tetrahydroquinoline; 2-(2-methylpropyl)quinoline; 5-isopropyl-2-methylphenol; 5-tert-butyl-2-methyl-5-propyl-2H-furan; (E)-1-(2,6,6-trimethylcyclohex-2-en-1-yl)hepta-1,6-dien-3-one; (Z)-non-6-enal; (4S)-4,7,7-trimethyl-6-thiabicyclo[3.2.1]octane; 1-methoxy-4-methyl-benzene; 4-isopropylbenzonitrile; 4-isopropylbenzaldehyde; (E)-1-(2,6,6-trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one; 1-(2,6,6-trimethyl-1-cyclohex-3-enyl)but-2-en-1-one; (E)-dec-2-enal; (E)-dec-4-enal; 9-decenal; (E)-dodec-2-enal; (E)-4-((3aS,7aS)-hexahydro-1H-4,7-methanoinden-5(6H)-ylidene)butanal; ethyl cyclohexyl carboxylate; methyl 2,4-dihydroxy-3,6-dimethylbenzoate; (E)-undec-9-enenitrile; methyl oct-2-ynoate; 1-(5,5-dimethylcyclohex-1-en-1-yl)pent-4-en-1-one; 6-butan-2-yl-quinoline; (E)-2-methoxy-4-(prop-1-en-1-yl)phenol; 6-isopropyl-quinoline; (1-methyl-2-((1,2,2-trimethylbicyclo[3.1.0]hexan-3-yl)methyl)cyclo-propyl)methanol; bicyclo[2.2.2]oct-5-ene-2-carboxaldehyde; methyl non-2-ynoate; 10-isopropyl-2,7-dimethyl-1-oxaspiro[4.5]deca-3,6-diene; (E)-methyl non-2-enoate; 1-(3-methylbenzofuran-2-yl)ethanone; (2E,6Z)-nona-2,6-dienal; (2Z,6E)-nona-2,6-dien-1-ol; (Z)-non-6-enal; 2-methyl-4-propyl-1,3-oxathiane; 2-methyl-4-methylene-6-phenyltetrahydro-2H-pyran; 2-cyclohexylhepta-1,6-dien-3-one; (2E,5E)-5,6,7-trimethylocta-2,5-dien-4-one; 6-(sec-butyl)quinoline; dec-9-en-1-ol; 4-methyl-2-(2-methylprop-1-en-1-yl)tetrahydro-2H-pyran; 4-methyl-2-phenyl-3,6-dihydro-2H-pyran; 2,3,3-trimethyl-2,3-dihydro-1H-inden-1-one; 2,6,6-trimethylcyclohexa-1,3-dienecarbaldehyde; 1-(spiro[4.5]dec-6-en-7-yl)pent-4-en-1-one; 2-(p-tolyl)-acetaldehyde; 1-(cy-

clopropylmethyl)-4-methoxybenzene; (E)-undec-2-enal; (E)-hex-2-enal; (E)-tridec-2-enenitrile and (3E,5Z)-undeca-1,3,5-triene, wherein each of the performance driving perfume ingredients is present at a concentration equal to or less than the following maximum concentrations:

2,6,10-trimethylundec-9-enal: 1 wt.-%

2-methyldecanal: 1 wt.-%

undec-10-enal: 3 wt.-%

(E)-undec-9-enal: 5 wt.-%

3,8,8,11a-tetramethyldodecahydro-1H-3,5a-epoxynaphtho[2,1-c]oxepine: 10 wt.-%

1,3,4,5,6,7-hexahydro-β,1,1,5,5-pentamethyl-2H-2,4a-methanonaphthalene-8-ethanol: 5 wt.-%

decahydro-2,2,6,6,7,8,8-heptamethyl indenofuran: 1 wt.-%

(4aR,5R,7aS,9R)-Octahydro-2,2,5,8,8,9a-hexamethyl-4H-4a,9-methanoazuleno[5,6-d]-1,3-dioxole: 0.25 wt.-%

7-isopentyl-2H-benzo[b][1,4]dioxepin-3(4H)-one: wt.-%

8-(sec-butyl)-5,6,7,8-tetrahydroquinoline: 1 wt.-%

2-(2-methylpropyl)quinoline: 1 wt.-%

5-isopropyl-2-methylphenol: 1 wt.-%

5-tert-butyl-2-methyl-5-propyl-2H-furan: 1 wt.-%

(E)-1-(2,6,6-trimethylcyclohex-2-en-1-yl)hepta-1,6-dien-3-one: 1 wt.-%

(4S)-4,7,7-trimethyl-6-thiabicyclo[3.2.1]octane: 0.5 wt.-%

1-methoxy-4-methylbenzene: 1.5 wt.-%

4-isopropylbenzonitrile: 0.5 wt.-%

4-isopropylbenzaldehyde: 1.5 wt.-%

(E)-1-(2,6,6-trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one: 5 wt.-%

1-(2,6,6-trimethyl-1-cyclohex-3-enyl)but-2-en-1-one: 15 wt.-%

(E)-dec-2-enal: 1 wt.-%

(E)-dec-4-enal: 1 wt.-%

9-decenal: 0.5 wt.-%

(E)-dodec-2-enal: 0.5 wt.-%

(E)-4-((3aS,7aS)-hexahydro-1H-4,7-methanoinden-5(6H)-ylidene)butanal: 1 wt.-%

ethyl cyclohexyl carboxylate: 0.5 wt.-%

methyl 2,4-dihydroxy-3,6-dimethylbenzoate: 0.5 wt.-%

(E)-undec-9-enenitrile: 1 wt.-%

methyl oct-2-ynoate: 1 wt.-%

1-(5,5-dimethylcyclohex-1-en-1-yl)pent-4-en-1-one: 10 wt.-%

6-butan-2-yl-quinoline: 1 wt.-%

(E)-2-methoxy-4-(prop-1-en-1-yl)phenol: 1.5 wt.-%

6-isopropylquinoline: 1 wt.-%

(1-methyl-2-((1,2,2-trimethylbicyclo[3.1.0]hexan-3-yl)methyl)cyclopropyl)methanol: 10 wt.-%

bicyclo[2.2.2]oct-5-ene-2-carboxaldehyde: 0.5 wt.-%

methyl non-2-ynoate: 1 wt.-%

10-isopropyl-2,7-dimethyl-1-oxaspiro[4.5]deca-3,6-diene: 1.5 wt.-%

(E)-methyl non-2-enoate: 1 wt.-%

1-(3-methylbenzofuran-2-yl)ethanone: 10 wt.-%

(2E,6Z)-nona-2,6-dienal: 0.5 wt.-%

(2Z,6E)-2,6-nonadien-1-ol: 0.5 wt.-%

(Z)-non-6-enal: 0.5 wt.-%

2-methyl-4-propyl-1,3-oxathiane: wt.-%

2-methyl-4-methylene-6-phenyltetrahydro-2H-pyran: 5 wt.-%

2-cyclohexylhepta-1,6-dien-3-one: 0.5 wt.-%

(2E,5E)-5,6,7-trimethylocta-2,5-dien-4-one: 3 wt.-%

6-(sec-butyl)quinoline: 1.5 wt.-%

dec-9-en-1-ol: 2 wt.-%

4-methyl-2-(2-methylprop-1-en-1-yl)tetrahydro-2H-pyran: 2 wt.-%

4-methyl-2-phenyl-3,6-dihydro-2H-pyran: 15 wt.-%

2,3,3-trimethyl-1-indanone: 1 wt.-%

2,6,6-trimethylcyclohexa-1,3-dienecarbaldehyde: 0.5 wt.-%

1-(spiro[4.5]dec-6-en-7-yl)pent-4-en-1-one: 1.5 wt.-%

2-(p-tolyl)acetaldehyde: 20 wt.-%

1-(cyclopropylmethyl)-4-methoxybenzene: 1 wt.-%

(E)-undec-2-enal: 0.5 wt.-%

(E)-hex-2-enal: 0.5 wt.-%

(E)-tridec-2-enenitrile: 15 wt.-%

(3E,5Z)-undeca-1,3,5-triene: 15 wt.-%

2. The encapsulated composition according to claim 1, wherein the performance driving perfume ingredients are present at a concentration equal to or higher than the minimum concentration of 0.001 wt.-%, preferably 0.01 wt.-%, more preferably 0.05 wt.-%.

3. The encapsulated composition according to one of claims 1 or 2, wherein the performance driving perfume ingredients are selected from the group consisting of 2,6,10-trimethylundec-9-enal; 2-methyldecanal; undec-10-enal; (E)-undec-9-enal; 3,8,8,11a-tetramethyldodecahydro-1H-3,5a-epoxynaphtho[2,1-c]oxepine; 5-isopropyl-2-methylphenol; (E)-1-(2,6,6-trimethylcyclohex-2-en-1-yl)hepta-1,6-dien-3-one; (Z)-non-6-enal; 1-methoxy-4-methylbenzene; 4-isopropylbenzonitrile; 4-isopropylbenzaldehyde; (E)-1-(2,6,6-trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one; (E)-dec-2-enal; (E)-dec-4-enal; 9-decenal; (E)-dodec-2-enal; ethyl cyclohexyl carboxylate; methyl 2,4-dihydroxy-3,6-dimethylbenzoate; (E)-undec-9-enenitrile; 1-(5,5-dimethylcyclohex-1-en-1-yl)pent-4-en-1-one; (E)-2-methoxy-4-(prop-1-en-1-yl)phenol; methyl non-2-ynoate; (E)-methyl non-2-enoate; 1-(3-methylbenzofuran-2-yl)ethanone; (2E,6Z)-nona-2,6-dienal; (2Z,6E)-2,6-nonadien-1-ol; (Z)-non-6-enal; 2-cyclohexylhepta-1,6-dien-3-one; (2E,5E)-5,6,7-trimethylocta-2,5-dien-4-one; dec-9-en-1-ol; 4-methyl-2-(2-methylprop-1-en-1-yl)tetrahydro-2H-pyran; 4-methyl-2-phenyl-3,6-dihydro-2H-pyran; 2,6,6-trimethylcyclohexa-1,3-dienecarbaldehyde; 1-(cyclopropylmethyl)-4-methoxybenzene; (E)-undec-2-enal; (E)-hex-2-enal; (E)-tridec-2-enenitrile and (3E,5Z)-undeca-1,3,5-triene.

4. The encapsulated composition according to one of claims 1 to 3, comprising at least one further perfume ingredient.

5. The encapsulated composition according to claim 4, wherein the at least one further perfume ingredient is biodegradable.

6. The encapsulated composition according to one of claims 1 to 5, wherein the shell of the core-shell microcapsules comprises a melamine-formaldehyde polymer.

7. The encapsulated composition according to one of claims 1 to 5, wherein the shell of the core-shell microcapsules comprises a polyurea or polyurethane polymer.

8. The encapsulated composition according to one of claims 1 to 5, wherein the shell of the core-shell microcapsule comprises, in polymerized form, one or more monoethylenically unsaturated and/or polyethylenically unsaturated monomer(s).

9. The encapsulated composition according to one of claims 1 to 8, wherein the the volume median diameter Dv(50) of the microcapsules is from 1 to 50 µm, preferably from 5 to 35 µm, still more preferably from 8 to 20 µm.

10. The encapsulated composition according to one of claims 1 to 9, in form of a slurry wherein the core-shell microcapsules are dispersed or suspended in an aqueous phase.

11. The encapsulated composition according to claim 10, wherein the slurry has a solid content of from 20 wt.-% to 60 wt.-%, preferably from 35 wt.-% to 45 wt.-%.

12. The encapsulated composition according to claim 10, wherein the slurry comprises from 1 wt.-% to 10 wt.-%, preferably from 2 wt.-% to 6 wt.-%, of shell material.

13. The encapsulated composition according to one of claims 1 to 12, wherein the level of shell material in the core-shell microcapsules is from 2 wt.-% to 20 wt.-%, preferably from 4 wt.-% to 16 wt.-%, more preferably from 5 wt.-% to 12 wt.-%, based on the total weight of the core-shell microcapsules.

14. A consumer product comprising an encapsulated composition according to one of claims 1 to 13, preferably a fabric care product, a home care product or a personal care product.

15. The consumer product according to claim 14, selected from the group consisting of laundry care detergents, laundry care conditioners, fabric refreshers, personal care cleansing compositions, such as shampoos, bath and shower gels, liquid soaps, soap bars, personal care conditioning composition, such as hair care conditioners, bath and shower lotions, deodorant compositions, antiperspirant compositions, home care compositions, such as hard surface cleaners, and heavy duty detergents, and fragranced products comprising ethanol.

16. The consumer product according to one of claims 14 or 15, wherein the level of shell material in the consumer product is from 0.0005 wt.-% to 0.05 wt.-%, preferably from 0.0010 wt.-% to 0.025 wt.-%, more preferably from 0.0025 to 0.01 wt.-%., based on the total weight of the consumer product.

17. The consumer product according to one of claims 14 to 16, wherein the level of micro-capsules in the consumer product is from 0.002 wt.-% to 0.12 wt.-%, preferably from 0.01 wt.-% to 0.08 wt.-%, more preferably from 0.02 wt.-% to 0.05 wt.-%, based on the total weight of the consumer product.

18. A use of an encapsulated composition according to one of claims 1 to 13 for making a consumer product.