

## CLAIMS

1. A composite microcapsule slurry comprising at least one microcapsule having:
  - an oil-based core comprising a hydrophobic material, preferably a perfume
  - 5 - a composite shell comprising a first material and a second material, wherein:
    - the first material and the second material are different,
    - the first material is a coacervate,
    - the second material is a polymeric material, and
    - the weight ratio in the slurry between the first material and the second
    - 10 material is comprised between 50:50 and 99.9:0.1.
2. Microcapsule slurry according to claim 1, characterized in that the weight ratio in the slurry between the first material and the second material is comprised between 80:20 and 99.9:0.1.
- 15 3. Microcapsule slurry according to claim 1 or 2, characterized in that the second material is present in an amount less than 3%, by weight based on the total weight of the microcapsule slurry.
- 20 4. Microcapsule slurry according to claim 3, characterized in that the second material is present in an amount less than 1%, by weight based on the total weight of the microcapsule slurry.
- 25 5. Microcapsule slurry according to anyone of the preceding claims, wherein the second material is selected from the group consisting of polyurea, polyester, polyurethane, polyamide, polyacrylate, polysiloxane, polycarbonate, polysulfonamide, polymers of urea and formaldehyde, melamine and formaldehyde, melamine and urea, or melamine and glyoxal and mixtures thereof.
- 30 6. Microcapsule slurry according to claim 5, wherein the second material is polyurea and/or polyurethane.

7. Microcapsule slurry according to anyone of the preceding claims, wherein the coacervate comprises a first polyelectrolyte and a second polyelectrolyte, wherein the first polyelectrolyte is selected from the group of proteins, polypeptides, polysaccharides or mixtures thereof and wherein the second polyelectrolyte is selected from the group of polymers consisting of gum arabic, alginate salts, cellulose derivatives guar gum, pectinate salts, carrageenan, polyacrylic and methacrylic acid, xanthan gum.
8. Microcapsule slurry according to anyone of the preceding claims, wherein the oil-based core comprises a perfume oil.
9. A microcapsule powder obtained by drying the slurry as defined in any one of claim 1-8.
10. A consumer product comprising:
- a consumer product base, and
  - microcapsules slurry as defined in anyone of claims 1-8 or a microcapsule powder as defined in claim 9, wherein the consumer product is preferably in the form of a home-care product or a personal care product.
11. The consumer product according to claim 10, wherein it is in the form of a fabric softener composition comprising:
- between 85 and 99.95% of a fabric softener active base; preferably chosen in the group consisting of dialkyl quaternary ammonium salts, dialkyl ester quaternary ammonium salts, Hamburg esterquat, triethanolamine quat, silicones and mixtures thereof, by weight based on the total weight of the composition;
  - between 0.05 to 15 wt%, more preferably between 0.1 and 5 wt% by weight of the microcapsule slurry as defined in anyone of claims 1-8.
12. The consumer product according to claim 10, wherein it is in the form of a liquid detergent composition comprising:

- between 85 and 99.95% of a liquid detergent active base; preferably chosen in the group consisting of anionic surfactant such as alkylbenzenesulfonate (ABS), secondary alkyl sulfonate (SAS), primary alcohol sulfate (PAS), lauryl ether sulfate (LES), methyl ester sulfonate (MES) and nonionic surfactant such as alkyl amines, alkanolamide, fatty alcohol poly(ethylene glycol) ether, fatty alcohol ethoxylate (FAE), ethylene oxide (EO) and propylene oxide (PO) copolymers, amine oxydes, alkyl polyglucosides, alkyl polyglucosamides, and mixtures thereof, by weight based on the total weight of the composition
- between 0.05 to 15 wt%, more preferably between 0.1 and 5 wt% by weight of the microcapsule slurry as defined in anyone of claims 1-8.

**13.** The consumer product according to claim 10, wherein it is in the form of a solid detergent composition comprising:

- between 85 and 99.95% of a solid detergent active base; preferably chosen in the group consisting of anionic surfactant such as alkylbenzenesulfonate (ABS), secondary alkyl sulfonate (SAS), primary alcohol sulfate (PAS), lauryl ether sulfate (LES), methyl ester sulfonate (MES) and nonionic surfactant such as alkyl amines, alkanolamide, fatty alcohol poly(ethylene glycol) ether, fatty alcohol ethoxylate (FAE), ethylene oxide (EO) and propylene oxide (PO) copolymers, amine oxydes, alkyl polyglucosides, alkyl polyglucosamides, and mixtures thereof, by weight based on the total weight of the composition
- between 0.05 to 15 wt%, more preferably between 0.1 and 5 wt% by weight of the microcapsule slurry as defined in anyone of claims 1-8 or the microcapsule powder as defined in claim 9.

**14.** The consumer product according to claim 10, wherein it is in the form of a shampoo or a shower gel composition comprising:

- between 85 and 99.95% of a shampoo active base; preferably chosen in the group consisting of sodium alkylether sulfate, ammonium alkylether sulfates, alkylamphoacetate, cocamidopropyl betaine, cocamide MEA, alkylglucosides and aminoacid based surfactants, by weight based on the total weight of the composition

- between 0.05 to 15 wt%, more preferably between 0.1 and 5 wt% by weight of the microcapsule slurry as defined in anyone of claims 1-8.

5     **15.**     The consumer product according to anyone of the preceding claims, wherein it is in the form of rinse-off conditioning composition comprising:

- between 85 and 99.95% of a rinse-off conditioner active base; preferably chosen in the group consisting of cetyltrimonium chloride, stearyl trimonium chloride, benzalkonium chloride, behentrimonium chloride and mixture thereof, by weight based on the total weight of the composition
- 10    - between 0.1 to 15 wt%, more preferably between 0.2 and 5 wt% by weight of the microcapsule slurry as defined in anyone of claims 1-8.

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