

**CLAIMS**

1. A shampoo composition for enhancing deposition of oil drop onto a substrate, comprising:
  - 5 a mixture of sulfonated methyl ester compounds containing two or more sulfonated methyl esters of a fatty acid having a chain length of 12 to 20 carbon atoms (C12-C20);
  - a zwitterionic surfactant;
  - an oil phase; and
  - 10 a cationic polymer.
2. A composition according to claim 1, wherein the mixture of sulfonated methyl ester compounds is a mixture between C12 sulfonated methyl ester and C18 sulfonated methyl ester, a mixture between C14 sulfonated methyl ester and C16 sulfonated methyl ester, a mixture between C14 sulfonated methyl ester and C18 sulfonated methyl ester, or a mixture between C16 sulfonated methyl ester and C18 sulfonated methyl ester.
3. A composition according to claim 1, wherein the mixture of sulfonated methyl ester compounds contains 55% to 95% of C16 sulfonated methyl ester and 5% to 45% of C18 sulfonated methyl ester.
4. A composition according to any of claims 1 to 3, wherein the composition further comprises an inorganic electrolyte.
5. A composition according to claim 4, wherein the inorganic electrolyte is sodium chloride or potassium chloride.
6. A composition according to any of claims 1 to 5, wherein the zwitterionic surfactant is an alkyl betaine.
7. A composition according to claim 6, wherein the alkyl betaine is cocamidopropyl

betaine.

8. A composition according to any of claims 1 to 7, wherein the cationic polymer is a guar gum.
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9. A composition according to any of claims 1 to 7, wherein the mixture of sulfonated methyl ester compounds and the zwitterionic surfactant is present in a combination ratio of 5 – 7.5: 1 by weight.
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10. A composition according to any of claims 1 to 7, wherein the mixture of sulfonated methyl ester compounds and the zwitterionic surfactant is present in a total amount of 6% to 20% by weight of the composition.
11. A composition according to any of claims 1 to 10, wherein the oil phase is silicone oil, mineral oil, vegetable oil, or an oil-in-water emulsion thereof.
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12. Use of a shampoo composition for enhancing deposition of oil drop onto a substrate, wherein the composition comprises:  
a mixture of sulfonated methyl ester compounds containing two or more  
20 sulfonated methyl esters of a fatty acid having a chain length of 14 to 20 carbon atoms (C14-C20);  
a zwitterionic surfactant;  
an oil phase; and  
a cationic polymer.
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13. Use of a shampoo composition according to claim 12, wherein the mixture of sulfonated methyl ester compounds is a mixture between C12 sulfonated methyl ester and C18 sulfonated methyl ester, a mixture between C14 sulfonated methyl ester and C16 sulfonated methyl ester, a mixture between C14 sulfonated methyl ester and C18 sulfonated methyl ester, or a mixture between C16 sulfonated methyl ester and C18 sulfonated methyl ester.
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14. Use of a shampoo composition according to claim 12, wherein the mixture of sulfonated methyl ester compounds contains 55% to 95% of C16 sulfonated methyl ester and 5% to 45% of C18 sulfonated methyl ester.
- 5 15. Use of a shampoo composition according to any of claims 12 to 14, wherein the composition further comprises an inorganic electrolyte.
16. Use of a shampoo composition according to claim 15, wherein the inorganic electrolyte is sodium chloride or potassium chloride.
- 10 17. Use of a shampoo composition according to any of claims 12 to 16, wherein the zwitterionic surfactant is an alkyl betaine.
18. Use of a shampoo composition according to claim 17, wherein the alkyl betaine is
- 15 cocamidopropyl betaine.
19. Use of a shampoo composition according to any of claims 12 to 18, wherein the cationic polymer is a guar gum.
- 20 20. Use of a shampoo composition according to any of claims 12 to 18, wherein the mixture of sulfonated methyl ester compounds and the zwitterionic surfactant is present in a combination ratio of 5 – 7.5: 1 by weight.
21. Use of a shampoo composition according to any of claims 12 to 18, wherein the
- 25 mixture of sulfonated methyl ester compounds and the zwitterionic surfactant is present in a total amount of 6% to 20% by weight of the composition.
22. Use of a shampoo composition according to any of claims 12 to 21, wherein the oil phase includes silicone oil, mineral oil, vegetable oil, animal oil or an oil-in-
- 30 water emulsion thereof.