

Claims

1. A method of combatting colour loss from a dyed material, the method comprising contacting the material with a composition comprising an amine salt of a carboxylic acid
5 wherein the carboxylic acid has 4 to 10 carbon atoms.
2. A method according to claim 1 wherein the material is a keratinous material.
3. A method according to claim 1 or claim 2 wherein the material is human hair or animal
10 hair, preferably human hair.
4. A method according to claim 3 wherein the material is growing human hair or animal hair, preferably growing human hair.
- 15 5. A hair care composition comprising an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
6. A hair care composition according to claim 5 comprising two or more amine salts of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
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7. A method or composition according to any preceding claim wherein the composition comprising the amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms is selected from a shampoo composition, a conditioning composition, a hair styling composition, a hair permanent waving composition, a hair relaxing
25 composition, a hair permanent straightening composition or a hair colouring composition.
8. A method or composition according to any preceding claim wherein the composition comprising the amine salt further comprises 1 to 30 wt% of one or more surfactants,
30 preferably one or more anionic surfactants.
9. A method of colouring hair, the method comprising:
(a) contacting the hair with a colouring composition; and
(b) contacting the hair with a composition comprising an amine salt of a carboxylic
35 acid wherein the carboxylic acid has 4 to 10 carbon atoms.
10. A method or composition according to any preceding claim wherein the acid has 6 to 8 carbon atoms.

11. A method or composition according to any preceding claim wherein the salt is a salt of n-hexanoic or n-octanoic acid.
- 5 12. A method or composition according to any preceding claim wherein the salt is of a secondary or tertiary alkylamine and/or alkanolamine or a substituted alkylene diamine.
13. A method or composition according to any preceding claim wherein the salt is selected from the triethanolamine salt of hexanoic acid, the diethanolamine salt of the hexanoic acid, the diethanolamine salt of octanoic acid and the triethanolamine salt of octanoic acid.
- 10 14. A method or composition according to any preceding claim wherein the composition comprising the amine salt further comprises an aldehyde which is an alpha-substituted aldehyde and/or a hydroxyaldehyde.
- 15 15. A method or composition according to any preceding claim wherein the composition comprising the amine salt further comprises a polycarboxylic acid derived chelating agent.
- 20 16. A method or composition according to any preceding claim wherein the composition comprising the amine salt further comprises a succinimidyl ester.
17. A method or composition according to any preceding claim wherein the comprising the amine salt further comprises a crosslinking agent comprising two or more maleic acid derived reactive moieties and a linker having two or more amino groups.
- 25 18. A method according to any of claims 9 to 17 wherein steps (a) and (b) are carried out simultaneously and the method involves contacting the hair with a colouring composition comprising an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
- 30 19. A method according to any of claims 9 to 17 wherein step (b) is carried out before step (a).
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20. A method according to any of claims 9 to 17 wherein step (b) is carried out after step (a).
21. A method or composition according to any preceding claim which provides a significant reduction in colour loss after 1 to 3 washes such that the colour is visibly more intense compared with hair treated by an equivalent method excluding the amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
22. A method or composition according to any preceding claim which provides a reduction in colour loss of at least 10% after three washes compared with hair treated by an equivalent method excluding the amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
23. The use of an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms to combat colour loss from dyed hair.
24. The use according to claim 22 of two or more amine salts of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms to combat colour loss from dyed hair.
25. A method or use according to any of claims 1 to 4 or 7 to 23 which reduces colour loss by at least 20%.
26. A packaged hair colouring product comprising one or more compositions wherein the one or more compositions together comprise at least one dye compound and/or one dye precursor compound and an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.
27. A method according to claim 1 wherein the dyed material is a textile material, preferably a textile material comprising wool.
28. A method according to claim 1 or claim 30 which combats colour loss resulting from washing a dyed textile material in a laundry washing process.