A METHOD OF TREATING A MATERIAL COMPRISING AN AMINE SALT OF A CARBOXYLIC ACID HAVING 4 TO 10 CARBON ATOMS

The present invention relates to a method of treating a material, to compositions for use in such methods and to uses relating thereto. In particular the present invention relates to a method of treating a keratinous material, especially hair, to provide a benefit to the material.

The appearance, condition and cleanliness of their hair is of great significance to many people. As a result there is a vast array of hair care products available offering a wide range of benefits and containing a huge number of different components. However popular hair styles change continually with fashion trends and technological developments in hair styling appliances means that there is a continuing need for different and improved hair care compositions. Furthermore as we learn more about the toxicity of certain chemicals and their environmental impact there is an increasing requirement to take these considerations into account when developing cosmetic products.

For example one previously used constituent of cosmetic hair care compositions is formaldehyde. However formaldehyde is a suspected carcinogen and thus its use in cosmetic compositions is now strictly regulated and highly undesirable.

The appearance, condition and cleanliness of textiles and fabric materials is also of considerable importance and the stresses encountered by these materials in the environments in which they are used may have a deleterious effect on them.

Summary of Invention

It is an aim of the present invention to provide means for enhancing at least one property of a material.

In one aspect of the disclosure, there is provided a method of treating a material, the method comprising contacting the material with a composition comprising an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.

In another aspect of the disclosure, there is provided a hair care composition comprising an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.

In yet another aspect of the disclosure, there is provided the use of an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms to enhance at least one property of hair.

In a further aspect of the disclosure, there is provided 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.

Detailed Description of the Invention

According to a first aspect of the present invention there is provided a method of treating a material, the method comprising contacting the material with a composition comprising an amine salt of a carboxylic acid wherein the carboxylic acid has 4 to 10 carbon atoms.

The present invention relates to a method of treating a material. In some embodiments the material may be textile material. In such embodiments the textile material suitably comprises wool and preferably comprises wool as a major proportion thereof.

In preferred embodiments the material is a keratinous material. More preferably the material comprises keratinous fibres. Preferably the material is hair. The hair may be human or animal hair. In especially preferred embodiments the method of the present invention is a method treating human hair. Most preferably it is a method of treating human hair growing on the head.