CLAIMS

1. A hair care product comprising:

water;

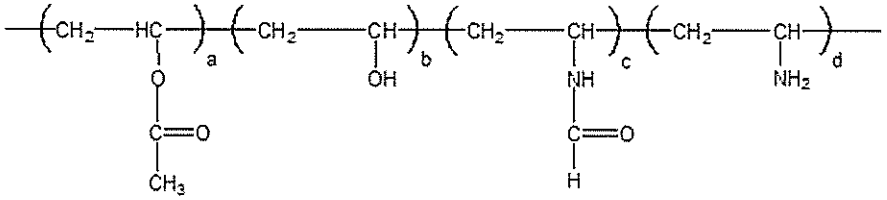
a chelating agent;

a copolymer;

a pH adjusting agent; and

a hair treatment composition including a polyvinyl alcohol, a polyvinyl alcohol copolymer, or combinations thereof;

wherein the polyvinyl alcohol copolymer has the following molecular structure:



wherein:

a = from about 0 to about 15 mole %;

b = from about 0.1 to about 99 mole %;

c = from about 0.1 to about 99 mole %;

d = from about 0.1 to about 99 mole %; and

wherein said polyvinyl alcohol copolymer has a molecular weight in the range of 1,000 to 1,000,000 and wherein the hair treatment composition contains up to 10% of the polyvinyl alcohol copolymer; and

wherein the hair treatment composition further comprises a fully hydrolyzed polyvinyl alcohol.

2. The hair care product of claim 1 wherein said polyvinyl alcohol having a molecular weight in the range of 1,000 to 1,000,000 and having a concentration in the range of 0.1 to 100 grams per liter (g/L).

3. The hair care product of claim 1 wherein the hair treatment composition further comprising a thickener, a preservative, a biocide, a surfactant ~~and~~, or a combination thereof.

4. The hair care product of claim 1 wherein the hair care product being water soluble.

5. The hair care product of claim 1 wherein said hair care product being a hair spray, a hair gel, a hair mousse or a combination thereof.

6. The hair care product of claim 1 wherein said hair treatment composition acts as a chelating agent, a conditioning agent, a preservative, a curl retention agent, a salt tolerance agent, a gellant, a film forming agent, a holding agent, a flake reducer, a relaxer enhancing agent, a fortifying agent, a shine/gloss enhancer, a strengthener, a humidity resistance agent, a carrier and/or lubricant or a combination thereof.

7. A method for improving the curl retention of hair consisting of the steps of:

providing a hair care product comprising:

water;

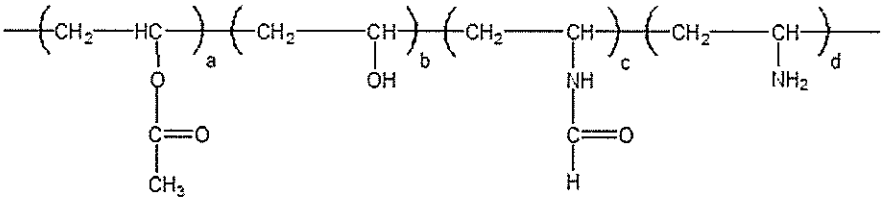
a chelating agent;

a copolymer;

a pH adjusting agent; and

a hair treatment composition including a polyvinyl alcohol, a polyvinyl alcohol copolymer, or combinations thereof;

wherein the polyvinyl alcohol copolymer has the following molecular structure:



wherein:

a = from about 0 to about 15 mole %;

b = from about 0.1 to about 99 mole %;

c = from about 0.1 to about 99 mole %;

d = from about 0.1 to about 99 mole %; and

wherein said polyvinyl alcohol copolymer has a molecular weight in the range of 1,000 to 1,000,000 and wherein the hair treatment composition contains

up to 10% of the polyvinyl alcohol copolymer; and

wherein the hair treatment composition further comprises a fully hydrolyzed polyvinyl alcohol;

said hair treatment composition further comprising a thickener, a preservative, a biocide, a surfactant and, or a combination thereof;

applying said hair care product to a portion or all of an individual's hair;

curling a portion or all of said individual's hair.

8. The method for improving the curl retention of hair of claim 7 wherein said polyvinyl alcohol having a molecular weight in the range of 1,000 to 1,000,000 and having a concentration in the range of 0.1 to 100 grams per liter (g/L).

9. The method for improving the curl retention of hair of claim 7 wherein the hair care product being water soluble.

10. The method of claim 7 wherein said hair care product being a hair spray, a hair gel, a hair mousse or a combination thereof.