Claims

1. Hair care composition for the application to hair, comprising a low molecular weight hyaluronic acid fraction and a high molecular weight hyaluronic acid fraction, wherein the low molecular weight hyaluronic acid fraction comprises hyaluronic acid or a salt having a weight-average molecular weight M_w of 20 to 50 kDa and the high molecular weight hyaluronic acid fraction comprises hyaluronic acid or a salt having a weight-average molecular weight M_w of more than 1 MDa, and wherein the hair care composition comprises no or essentially no hyaluronic acid or a salt thereof of intermediate molecular weight, having a weight-average molecular weight Mw of more than 50 kDa to less than 1 MDa.

2. Hair care composition according to claim 1, wherein the high molecular weight hyaluronic acid fraction comprises hyaluronic acid or a salt having a weight-average molecular weight M_w of 1 to 20 MDa, preferably 1 to 5 MDa, most preferably of 1 to 2 MDa.

3. Hair care composition according to one of claims 1 or 2, comprising at least 0.1% by weight of the low molecular weight hyaluronic acid fraction, preferably 1% to 10% by weight, more preferably 2% to 5% by weight, and most preferably 2.5% to 3% by weight.

4. Hair care composition according to one of claims 1 to 3, comprising at least 0.1% by weight of the high molecular weight hyaluronic acid fraction, preferably 0.1% to 5% by weight, more preferably 0.2% to 2% by weight, and most preferably 0.5% to 1% by weight.

5. Hair care composition according to one of claims 1 to 4, wherein the weight ratio of the low molecular weight hyaluronic acid fraction to the high molecular weight hyaluronic acid fraction is 1:1 to 10:1, preferably 2:1 to 6:1, more preferably 3:1 to 5:1.

6. Hair care composition according to one of claims 1 to 5, comprising 2 wt.% to 5 wt.% of a hyaluronic acid mixture, preferably 3.3 wt.%; up to 2 wt. % of 80 wt.% lactic acid, preferably 1 wt.%; and up to 3 wt.% of phenoxyethanol, preferably 1.2 wt.%; wherein the hyaluronic acid mixture comprises 0.6 wt.% to 0.9 wt.% of high molecular weight hyaluronic acid and 2.4 wt.% to 2.7 wt.% of low molecular weight hyaluronic acid, based on the total weight of the composition.

7. Hair care composition according to one of claims 1 to 6, further comprising a cationic conditioner, in particular hydroxypropyl guar hydroxypropyl trimonium chloride.

8. Consumer product for hair care, comprising the hair care composition according to one of claims 1 to 7.

9. Consumer product according to claim 8, comprising at least 1% by weight of the hair care composition according to one of claims 1 to 7, preferably 1% to 5% by weight, and most preferably 1.5% to 3.5% by weight.

10. Consumer product according to claim 8 or 9, selected from the group consisting of shampoo, conditioner, spray, treatment, mask, strengthener, pre-shampoo, lotion, serum, cream, foam, mousse, and gel.

11. Consumer product according to one of claims 8 to 10, further comprising one or more materials selected from the group consisting of carriers, solvents, surfactants, thickeners, styling polymers, anti-dandruff actives, antimicrobial materials, skin and scalp actives, vitamins, salts, buffers, hair growth agents, conditioning materials, hair-fixative polymers, fragrances, colorings/colorants, dyes, pigments, opacifiers, pearlescent aids, oils, waxes, preservatives, sensates, sunscreens, medicinal agents, antifoaming agents, antioxidants, binders, biological additives, buffering agents, bulking agents, chelating agents, chemical additives, film formers or materials, pH adjusters, propellants, oxidizing agents, and reducing agents.

12. Use of the hair care composition according to one of claims 1 to 7 or the consumer product according to one of claims 8 to 11 for non-therapeutic hair treatment.

13. A non-therapeutic method of reducing hair frizz by applying to the hair an effective amount of the hair care composition according to one of claims 1 to 7 or of the consumer product according to one of claims 8 to 11.