CLAIMS

1. A mouthwash comprising chlorhexidine in a quantity of 0.01% to 0.3% (w/w), preferably of 0.09% to 0.25% (w/w), and an anti-pigmentation system, said anti-pigmentation system comprising a metabisulfite salt of an alkali or an alkaline-earth metal, ascorbic acid or an alkali or an alkaline-earth metal salt, hyaluronic acid or a salt thereof and polyvinylpirrolidone-vinyl acetate, wherein polyvinylpirrolidone-vinyl acetate is comprised in an amount of 0.02% to 0.5% (w/total weight of the mouthwash), preferably in an amount of 0.15% to 0.2%, more preferably of 0.09% to 0.12% (w/total volume of the mouthwash).

2. The mouthwash according to claim 1, wherein chlorhexidine is comprised in a quantity of 0.2% (w/w).

3. The mouthwash according to claim 1 or claim 2, wherein chlorhexidine is in the form of a salt or a complex thereof.

4. The mouthwash according to the any one of the preceding claims, wherein chlorhexidine is in the form of chlorhexidine digluconate.

5. The mouthwash according to any one of the preceding claims, wherein the metabisulfite salt is comprised in an amount of 0.1% to 0.5% and preferably of 0.15% to 0.28% (w/total volume of the mouthwash).

6. The mouthwash according to any one of the preceding claims, wherein the metabisulfite salt is sodium metabisulfite.

7. The mouthwash according to any one of the preceding claims, wherein the ascorbic acid and a salt thereof can be present in a quantity of 1.0% to 1.5% and preferably in an amount of 1.0% to 1.2% (total weight acid and salt/total volume of the mouthwash).

8. The mouthwash according to claim 7, wherein the ascorbic acid or a salt thereof, can be substituted, partially or completely, by a citric acid or an alkali or an alkaline-earth metal salt thereof.

9. The mouthwash according to claim 8, wherein the alkali or the alkaline-earth metal salt of citric acid is sodium citrate tribasic.

10. The mouthwash according to claim 8 or claim 9, wherein the citric acid can be present in a quantity of 0.01% to 0.02% (weight/total volume of the

mouthwash), while if present a citrate salt can be present in a quantity of 0.8% to 2.0% and preferably of 1% to 1.5% (w/total volume of the mouthwash).

11. The mouthwash according to any one of the preceding claims, wherein the hyaluronic acid salt thereof can be present in the form of sodium or potassium salt or a mixture of the two salts.

12. The mouthwash according to any one of the preceding claims, wherein hyaluronic acid or a salt thereof is comprised in an amount of 0.01% to 1.5% and preferably of 0.05% to 1.2% (w/total volume of the mouthwash).

13. The mouthwash according to any one of the preceding claims, further comprising one of more of the following additives: sweeteners and/or flavorings, a source of fluorine, humectant, preservatives, surfactants, pH regulators, coloring agents.

14. The mouthwash according to claim 13, wherein the sweetener is selected in the group comprising non-cariogenic sugars like xylitol, saccharin or an alkali or alkaline-earth metal salts thereof, acesulfame or an alkali or alkaline-earth metal salts thereof, sucralose, Stevia rebaudiana extract.

15. The mouthwash according to claim 13 or claim 14, wherein the flavoring is selected in the group comprising peppermint, menthol, anethole, *viridis* mint, cinnamon, clove, eucalyptus.

16. The mouthwash according to any one of claims 13 to 15, wherein the flavorings are present in an amount of 0.05% to 0.15% (w/total volume of the mouthwash).

17. The mouthwash according to any one of claims 13 to 16, wherein the source of fluorine is represented by fluoride or alkali or alkaline-earth metal salts thereof.

18. The mouthwash according to any one of claims 13 to 17, wherein the humectant is selected in the group comprising sorbitol, glycerin or propylene glycol.

19. The mouthwash according to any one of claims 13 to 18, wherein the humectants are present in an amount of 0.1% to 0.2% (w/total volume of the mouthwash).

20. The mouthwash according to any one of claims 13 to 19 wherein the preservatives are selected in the group comprising the benzoates, phenossietanolo, chlorphenesin.

21. The mouthwash according to any one of claims 13 to 20, wherein the surfactant is present in an amount of 0.1% to 0.2% (w/total volume of the mouthwash).

22. The mouthwash according to any one of claims 13 to 21, wherein the surfactant is selected in the group comprising hydrogenated castor oil PEG40, Poloxamer 407 or other suitable surfactants.

23. The mouthwash according to any one of claims 13 to 22, wherein the pH regulators is selected in the group comprising citric acid and its salts, like sodium salt.

24. The mouthwash according to any one of claims 13 to 23, wherein the coloring agent is selected in the group comprising CI 1940, CIU 42090, CI 17200 and other suitable coloring agents.

25. The mouthwash according to any one of claims 1 to 24, for use in the therapeutic prevention and treatment of plaque.

26. The mouthwash according to any one of claims 1 to 24, for use in the therapeutic prevention and treatment of gingivitis.

27. The mouthwash according to any one of claims 1 to 24, for use in the prevention of stains on the surface of the teeth.

28. The mouthwash according to any one of claims 1 to 24, for use in the protection of gingiva.

29. Use of chlorhexidine in a quantity of 0.01% to 0.3% (w/w) and preferably of 0.09% to 0.25% (w/w); and an anti-pigmentation system for a chlorhexidine based mouthwash, comprising a metabisulfite salt of an alkali or an alkaline-earth metal, ascorbic acid or an alkali or an alkaline-earth metal salt, hyaluronic acid or a salt thereof and polyvinylpyrrolidone-vinylacetate, wherein polyvinylpirrolidone-vinyl acetate is in an amount of 0.02% to 0.5% (w/total weight of the mouthwash); in the manufacture of a medicament in the form of a mouthwash according to any one of claims 1 to 24 for the prevention and treatment ofplaqueand/orgingivitis.

30. Use of chlorhexidine in a quantity of 0.01% to 0.3% (w/w) and preferably of 0.09% to 0.25% (w/w); and an anti-pigmentation system for a chlorhexidine based mouthwash, comprising a metabisulfite salt of an alkali or an alkaline-earth metal, ascorbic acid

or an alkali or an alkaline-earth metal salt, hyaluronic acid or a salt thereof and polyvinylpyrrolidone-vinylacetate, wherein polyvinylpirrolidone-vinyl acetate is in an amount of 0.02% to 0.5% (w/total weight of the mouthwash); in the manufacture of a medicament in the form of a mouthwash according to any one of claims 1 to 24 for the protection of gingiva and oral mucosa.