CLAIMS

1. Disinfectant preparation obtainable by

(i) dissolving

a) annatto dye, wherein the amount of annatto dye is 0.005 to 0.05% by weight, specified as norbixin and based on the weight of the disinfectant preparation,

b) in water,

wherein the pH is 10.5 to 12.5;

(ii) adding at least 50% by weight isopropanol, and

(iii) adding 0.02 to 0.25% by weight octenidine dihydrochloride.

2. Preparation according to Claim 1, characterized in that said preparation comprises 0.03 to 0.225% by weight octenidine dihydrochloride, preferably 0.04 to 0.215% by weight octenidine dihydrochloride.

3. Preparation according to Claim 1 or 2, characterized in that said preparation comprises 53 to 80% by weight isopropanol, preferably 55 to 75% by weight isopropanol, more preferably 58 to 70% by weight isopropanol, especially 60 to 65% by weight isopropanol, such as about 63% by weight isopropanol.

4. Preparation according to any of the preceding claims, characterized in that said preparation comprises 0.01 to 0.04% by weight annatto dye, specified as norbixin and based on the weight of the disinfectant preparation, preferably 0.015 to 0.025% by weight annatto dye, especially about 0.02% by weight annatto dye.

5. Preparation according to any of the preceding claims, characterized in that said preparation comprises no additional buffer system.

6. Preparation according to any of the preceding claims, characterized in that said preparation comprises less than 35% by weight n-propanol, preferably less than 25% by

weight n-propanol, more preferably less than 15% by weight n-propanol, especially less than 5% by weight n-propanol, wherein the preparation particularly preferably does not comprise any n-propanol.

7. Preparation according to any of the preceding claims, characterized in that said preparation comprises less than 30% by weight ethanol, preferably less than 20% by weight ethanol, more preferably less than 10% by weight ethanol, especially less than 5% by weight ethanol, wherein the preparation particularly preferably does not comprise any ethanol.

8. Preparation according to any of the preceding claims, characterized in that said preparation comprises less than 10% by weight aromatic alcohol, preferably less than 5% by weight aromatic alcohol, wherein the preparation particularly preferably does not comprise any aromatic alcohol.

9. Preparation according to any of the preceding claims, characterized in that said preparation does not comprise any glycerol, wherein the preparation preferably does not comprise any polyol.

10. Preparation according to any of the preceding claims, characterized in that said preparation does not comprise any chloride, acetate or gluconate salt of 1,1′-hexamethylenebis[5-(4-chlorophenyl)biguanide], preferably does not comprise any biguanide or salt thereof.

11. Preparation according to any of the preceding claims, characterized in that said preparation comprises

a) 0.03 to 0.225% by weight octenidine dihydrochloride, preferably about 0.04 to 0.215% by weight octenidine dihydrochloride,

b) 53 to 80% by weight isopropanol, preferably 55 to 75% by weight isopropanol, especially 58 to 70% by weight isopropanol, such as about 63% by weight isopropanol,

c) annatto dye, wherein the amount of annatto dye is 0.01 to 0.04% by weight, specified as norbixin and based on the weight of the disinfectant preparation (especially 0.015 to 0.025, such as about 0.02% by weight, specified as norbixin and based on the weight of the disinfectant preparation), and

d) water,

wherein the pH of the disinfectant preparation is about 11 to 12, measured in the disinfectant preparation without components a) and b).

12. Method for preparing the preparation according to any of the preceding claims, in which

i. an aqueous alkaline solution is initially charged,

ii. the annatto dye is added,

iii. the pH of the solution is adjusted to the desired value in the range of 10.5 to 12.5,

iv. isopropanol is added and then

v. octenidine dihydrochloride is added.

13. Disinfectant preparation for use in a method for disinfecting skin, especially human skin, wherein the preparation is obtainable by

(i) dissolving

a) annatto dye, wherein the amount of annatto dye is 0.005 to 0.05% by weight, specified as norbixin and based on the weight of the disinfectant preparation,

b) in water,

wherein the pH is 10.5 to 12.5;

(ii) adding at least 50% by weight isopropanol, and

(iii) adding 0.03 to 0.25% by weight octenidine dihydrochloride, such as about 0.1% by weight octenidine dihydrochloride.

14. Preparation according to Claim 13, wherein the method is a i) pre-operative measure, ii) a measure prior to puncture or iii) a measure prior to injection.

15. Preparation according to any of Claims 1 to 11 for use in disinfecting skin.

16. Preparation according to any of Claims 1 to 11 for use in staining skin.