

salt (uranine), the remanence effect of octenidine is inhibited.

SUMMARY

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In one aspect, there is provided a non-solid disinfectant preparation which comprises a) 0.005 to 1.0% by weight of octenidine and b) 0.01 to 0.5% by weight of one or more dyes selected from xanthene dyes, carotene dyes and xanthophyll dyes, where said preparation is free from fluorescein and its salts.

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In another aspect, there is provided a non-solid disinfectant preparation as disclosed herein for use in a method for the disinfection of skin, wound or mucosa, in particular in people.

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In another aspect, there is provided a use of a dye selected from xanthene dyes, carotene dyes and xanthophyll dyes, for colouring a non-solid disinfectant preparation which comprises octenidine, where the preparation is free from fluorescein and salts thereof.

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DETAILED DISCLOSURE OF EMBODIMENTS

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It has now been found that this object is achieved by a non-solid disinfectant preparation which comprises

a) one or more bispyridiniumalkanes and

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b) one or more dyes selected from xanthene dyes, azo dyes and polyterpene compounds,

where the preparation is free from fluorescein and its salts.

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The invention is based inter alia on the fact that the specified dyes, although they have an anionic part structure, do not inhibit the long-term effect of bispyridiniumalkane.

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Claims

1. Non-solid disinfectant preparation which comprises

- 5 a) 0.005 to 1.0% by weight of octenidine and
 b) is 0.01 to 0.5% by weight of one or more dyes
 selected from xanthene dyes, carotene dyes and
 xanthophyll dyes,

10 where said preparation is free from fluorescein and its
 salts.

2. Preparation according to claim 1, **characterized in that**
15 the amount of component a) is 0.03 to 0.3% by weight,
 based on the total weight of the preparation.

3. Preparation according to claim 2, **characterized in that**
20 the amount of component a) is 0.05 to 0.15% by weight,
 based on the total weight of the preparation.

4. Preparation according to one of the preceding claims,
25 **characterized in that** the xanthene dye is selected from
 erythrosine, eosin, D&C Red 27 and phloxine B.

5. Preparation according to claim 4, **characterized in that**
30 the xanthene dye is erythrosine.

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6. Preparation according to one of the preceding claims,
characterized in that the carotene dye is selected from
beta-carotene and 8'-apo-betacaroten-8'-al and the
xanthophyll dye is selected from luteine and the annatto
dyes cis- or trans-bixin and cis- or trans-norbixin.
7. Preparation according to Claim 6, **characterized in that**
the xanthophyll dye is an annatto dye.
8. Preparation according to one of the preceding claims,
characterized in that the amount of component b) is 0.03
to 0.3% by weight, based on the total weight of the
preparation.
9. Preparation according to Claim 8, **characterized in that**
the amount of component b) is 0.04 to 0.2% by weight,
based on the total weight of the preparation.
10. Preparation according to one of the preceding claims,
characterized in that the preparation is an aqueous,
aqueous-alcoholic or alcoholic solution.
11. Preparation according to one of the preceding claims,
characterized in that it is a transparent preparation.
12. Preparation according to one of Claim 10 or 11,
characterized in that it comprises 0.05 to 0.15% by weight
of octenidine, 25 to 35% by weight of n-propanol and 40 to
50% by weight of isopropanol, in each case based on the
total weight of the preparation.

13. Preparation according to one of Claim 10 or 11, characterized in that it comprises 0.05 to 0.15% by weight of octenidine, and 60 to 70% by weight of isopropanol, in each case based on the total weight of the preparation.
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14. Preparation according to one of Claims 1 to 11, characterized in that it comprises 0.05 to 0.15% by weight of octenidine, 1.5 to 2.5% by weight of phenoxyethanol, and in each case less than 1% by weight of glycerol, sodium gluconate and cocamidopropylbetaine, in each case based on the total weight of the preparation.
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15. Preparation according to one of Claims 1 to 10, characterized in that it comprises 0.02 to 0.08% by weight of octenidine, 5 to 15% by weight of propylene glycol and 1.5 to 3.5% by weight of cellulose derivative, in each case based on the total weight of the preparation.
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16. Non-solid disinfectant preparation according to one of the preceding claims for use in a method for the disinfection of skin, wound or mucosa, in particular in people.
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17. Use of a dye selected from xanthene dyes, carotene dyes and xanthophyll dyes, for colouring a non-solid disinfectant preparation which comprises octenidine, where the preparation is free from fluorescein and salts thereof.
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