Patent claims

1. Use of aliphatic alcohols in the production of a disinfectant for preventing contamination of the disinfectant with bacterial spores.

2. Use according to Claim 1, characterized in that the use takes place at a temperature of less than 60°C, preferably less than 50°C, in particular less than 40°C, for example 15 to 35°C, such as 20 to 30°C.

3. Use according to Claim 1 or 2, characterized in that the aliphatic alcohol is selected from n-propanol, isopropanol and ethanol, and mixtures thereof.

4. Use according to one of the preceding claims, characterized in that the concentration of the aliphatic alcohol in the disinfectant is at least 5 per cent by weight, preferably at least 30 per cent by weight, more preferably at least 40 per cent by weight, in particular 50-90 per cent by weight.

5. Use according to one of the preceding claims, characterized in that the aliphatic alcohol is ethanol, preferably in a concentration of at least 30 per cent by weight, more preferably at least 40 per cent by weight, in particular at least 60 per cent by weight, where a maximum concentration of 90 per cent by weight and preferably at most 80 per cent by weight is preferred.

6. Use according to one of Claims 1 to 4, characterized in that isopropanol is used as aliphatic alcohol, preferably in an amount of at least 10 percent by weight, more preferably at least 30 per cent by weight.

7. Use according to one of Claims 1 to 4, characterized in that n-propanol is used as aliphatic alcohol, preferably in an amount of at least 4 per cent by weight, more preferably at least 10 per cent by weight, in particular at least 20 per cent by weight.

8. Use according to one of Claims 1 to 4, characterized in that a mixture of ethanol and isopropanol is used as aliphatic alcohol, preferably in an amount of from 60 to 85 per cent by weight of ethanol and 1 to 15 per cent by weight of isopropanol.

9. Use according to one of Claims 1 to 4, characterized in that a mixture of isopropanol and n-propanol is used as aliphatic alcohol, preferably in an amount of from 5 to 55 per cent by weight of isopropanol and 5 to 50 per cent by weight of n-propanol.

10. Use according to one of Claims 1 to 4, characterized in that a mixture of ethanol and n-propanol is used as aliphatic alcohol, preferably in an amount of from 10 to 50 per cent by weight of ethanol and 30 to 50 per cent by weight of n-propanol.

11. Use according to one of Claims 1 to 4, characterized in that a mixture of ethanol, isopropanol and n-propanol is used as aliphatic alcohol, preferably in an amount of from 10 to 30 per cent by weight of ethanol, 20 to 40 per cent by weight of isopropanol and 15 to 35 per cent by weight of n-propanol.

12. Use according to one of the preceding claims, characterized in that the disinfectant also comprises a refatting system, where the refatting system consists of a combination of (i) cetearyl octanoate with isopropyl myristate or (ii) cetearyl octanoate with myristyl alcohol.

13. Use according to one of the preceding claims, characterized in that the spores are selected from *Clostridium sporogenes* and *Bacillus subtilis*.

14. Process for producing a disinfectant, in which aliphatic alcohol is added to prevent contamination with spores.

Patent claims

1. Use of aliphatic alcohols in the production of a disinfectant for reducing contamination of the disinfectant with bacterial spores, **characterized in that** said aliphatic alcohols is n-propanol or a mixture of n-propanol and ethanol or a mixture of n-propanol and isopropanol or a mixture of n-propanol, ethanol and isopropanol, in that the concentration of n-propanol in said disinfectant is at least 10% by weight and in that said use takes place at a temperature of less than 40°C.

2. Use according to Claim 1, characterized in that if n-propanol is used as aliphatic alcohol in the disinfectant, the concentration is at least 20 per cent by weight.

3. Use according to Claim 1, characterized in that if a mixture of isopropanol and n-propanol is used as aliphatic alcohol, the concentration of isopropanol is 25 to 50 percent by weight and the concentration of n-propanol is 20 to 35 percent by weight.

4. Use according to Claim 1, characterized in that if a mixture of ethanol and n-propanol is used as aliphatic alcohol, the concentration of ethanol is 20 to 30 percent by weight and the concentration of n-propanol is 35 to 45 percent by weight.

5. Use according to one of the preceding claims, characterized in that the disinfectant also comprises a refatting system, where the refatting system consists of a combination of (i) cetearyl octanoate with isopropyl myristate or (ii) cetearyl octanoate with myristyl alcohol.

6. Use according to one of the preceding claims, characterized in that the spores are selected from *Clostridium sporogenes* and *Bacillus subtilis*.