CLAIMS

1. Cleaning agent suitable for the cleaning of water-resistant, especially non-textile surfaces, in scrubbing machines, for wet mopping and for manual or industrial foams; the cleaning agent containing the following components:

a) at least one substance selected from:
   (i) a polymeric anti-redeposition agent;
   (ii) aminopolycarboxylates, organic phosphonates, polycarboxylates or copolymers thereof;
   (iii) a poly(aspartic acid) or water-soluble salts thereof; or
   (iv) a polyacrylate.

b) at least one non-ionic, anionic, cationic, or amphoteric wetting agent;
   (i) the non-ionic wetting agent being an acetylene diol or a polydimethylsiloxane;
   (ii) the anionic wetting agent being an anionic perfluoroalkyl polymer or an alkyl sulfosuccinate;
   (iii) the cationic wetting agent being a cationic perfluoroalkyl copolymer; and

c) at least one non-ionic, anionic, cationic, or amphoteric emulsifying agent for the at least one wetting agent, **characterized in that**

d) the proportions of components a), b), and c) have the following relationship with one another:
   Component a) 1 - 10 parts by weight;
   Component b) 0.5 - 5 parts by weight;
   Component c) 0.1 - 5.0 parts by weight; and

e) the cleaning agent is available in granular or tablet form.

2. Cleaning agent according to claim 1, characterised in that the polyacrylate is an acrylic homopolymer, preferably with a molecular weight of from 4,000 to 6,000.

3. Cleaning agent according to claim 1 or 2, characterised in that component a) is used in granular form and the average diameter of the individual granular particle is preferably 400 to 800 µm.

4. Cleaning agent according to one of claims 1 through 3, characterised in that the non-ionic wetting agent is an alkoxylated acetylene diol.

5. Cleaning agent according to one of claims 1 through 4, characterised in that the non-ionic emulsifying agent is selected from the group of fatty alcohol alkoxylates.

6. Cleaning agent according to one of claims 1 through 5, characterised in that the anionic emulsifying agent is selected from the group of alkyl sulfates or alkyl ether sulfates.

7. Cleaning agent according to one of claims 1 through 6, characterised in that the cationic emulsifying agent is selected from the group of quaternary ammonium compounds.

8. Cleaning agent according to one of claims 1 through 7, characterised in that the amphoteric emulsifying agent is selected from the group of betaines and sultaines.

9. Cleaning agent according to one of claims 1 through 8, characterised in that the at least one poly(aspartic acid) or salt thereof has a molecular mass between 1,000 and 10,000 g/mol, preferably 2,000 to 3,000 g/mol.

10. Cleaning agent according to one of claims 1 through 9, characterised in that the wetting agent comprises one or more ethoxylated acetylene diols as wetting agents.

11. Cleaning agent according to one of claims 1 through 10, characterised in that the emulsifying agent comprises one or more, preferably branched, ethoxylated fatty alcohols.

12. Cleaning agent according to one of claims 1 through 11, characterised in that it is available as a tablet with a volume of at least 1 cm^3, preferably at least 5 cm^3.

13. Cleaning agent according to one of claims 1 through 12, characterised in that it is available as a tablet with a volume of at most 100 cm^3, preferably at most 12 cm^3.

14. Cleaning agent according to claims 1 to 13, characterised in that it is available as a tablet with a maximum diameter of 10 cm, preferably 7 cm.

15. Cleaning agent according to one of claims 1 to 14, characterised in that it is available as a tablet with a minimum diameter of 1 cm, preferably 3 cm.

16. Cleaning agent according to one of claims 1 to 15, characterised in that component a) and preferably the at least one poly(aspartic acid) or water-soluble salt thereof is available in particle form with a particle size distribution D50 of 0.1 mm.

17. Cleaning agent according to claim 16, characterised in that the particle size distribution D50 is 0.07 mm, preferably 0.01 mm.

18. Cleaning agent according to one of claims 1 to 17, characterised in that it contains the following additional component:
d) effervescent mixture from a carbonate and an organic acid, preferably in equimolar amounts.

19. Cleaning agent according to claim 18, characterised in that the effervescent mixture is a mixture of citric acid, Na hydrogen carbonate, and/or sodium carbonate.

20. Cleaning agent according to one of claims 1 to 19, characterised in that it additionally contains a substance that swells in water, preferably polyvinylpyrrolidone.

21. Cleaning agent according to one of claims 11 to 20, characterised in that the branched, ethoxylated fatty alcohol is an iso-C8-C18 non-ionic surfactant, which is preferably etherified with 2-20 ethylene oxide units.

22. Cleaning agent according to claim 21, characterised in that the branched, ethoxylated fatty alcohol is an iso-C10-C14 non-ionic surfactant, which is preferably etherified with 5-10 ethylene oxide units.

23. Cleaning agent according to claim 21, characterised in that the iso-C8-C18 non-ionic surfactant is iso-C13(10EO) or iso-C11(7EO).

24. Cleaning agent according to one of claims 1 to 23, characterised in that the proportions of components a), b), and c) have the following relationship with one another:

Component a) 3 - 5 parts by weight;
Component b) 1 - 2 parts by weight;
Component c) 1 - 2 parts by weight.

25. Cleaning agent according to one of claims 18 to 24, characterised in that, in addition to the proportions of components a), b), and c), the proportion of component d) is provided:

Component d): 0.3 - 150 parts by weight, preferably 3.0 — 15.0 parts by weight.

26. Cleaning agent according to one of claims 1 to 25, characterised in that the cleaning agent formed as a tablet dissolves residue-free in water in less than 10 minutes, preferably in less than 2 minutes.

27. Cleaning agent according to one of claims 1 through 26, characterised in that it additionally contains a complexing agent.

28. Cleaning agent according to one of claims 1 through 27, characterised in that the wetting agent is selected such that the surface tension of said cleaning agent at room temperature is measured to be less than 30 mN/m.

29. Use of the cleaning agent according to one of claims 1 through 28, for the cleaning of water-resistant, especially non-textile surfaces.

30. Use of the cleaning agent according to one of claims 1 through 28 in scrubbing machines.

31. Use of the cleaning agent according to one of claims 1 through 28 for wet mopping.

32. Use of the cleaning agent according to one of claims 1 through 28 for manual or industrial foams.