## CLAIMS

1. A composition comprises hypochlorous acid or free available chlorine, a copper salt, a zinc salt, and a calcium oxide.

2. The composition according to Claim 1 further comprising a phosphate buffer.

3. A composition comprises hypochlorous acid or free available chlorine, a copper salt, a zinc salt, and a phosphate buffer.

4. The composition according to Claim 3 further comprising a calcium oxide.

5. The composition according to any one of Claims 1-4, wherein the hypochlorous acid or free available chlorine is present in an amount of 0.5 ppm to 500 ppm.

6. The composition according to Claim 5, wherein the hypochlorous acid or free available chlorine is present in an amount of 100 ppm to 400 ppm.

7. The composition according to Claim 6, wherein the hypochlorous acid or free available chlorine is present in an amount of 0.5 ppm to 200 ppm.

8. The composition according to any one of Claims 1-7, wherein the copper salt and the zinc salt are each present in an amount of 10 ppm to 140 ppm.

9. The composition according to Claim 8, wherein the copper salt and the zinc salt are each present in an amount of 15 ppm to 100 ppm.

10. The composition according to Claim 9, wherein the copper salt and the zinc salt are each present in an amount of 20 ppm to 60 ppm.

11. The composition according to any one of Claims 1, 2 or 4-10, wherein the calcium oxide is present in an amount of 20 ppm to 240 ppm.

12. The composition according to Claim 11, wherein the calcium oxide is present in an amount of 120 ppm to 200 ppm.

13. The composition according to Claim 12, wherein the calcium oxide is present in an amount of 140 ppm to 180 ppm.

14. The composition according to Claim 2-13, wherein the phosphate buffer is present in an amount of 20 ppm to 160 ppm.

15. The composition according to Claim 14, wherein the phosphate buffer is present in an amount of 40 ppm to 120 ppm.

16. The composition according to Claim 15, wherein the phosphate buffer is present in an amount of 60 ppm to 100 ppm.

17. The composition according to any one of claims 1, 2, 4, 5, 8, 9, 11, or 13-16, comprising 100 ppm to 500 ppm hypochlorous acid or free available chlorine, 15 ppm to 80 ppm of a copper salt, 15 ppm to 80 ppm of a zinc salt, and 20 ppm to 240 ppm of calcium oxide.

18. The composition according to Claim 17, comprising 200 ppm to 400 ppm hypochlorous acid or free available chlorine, 20 ppm to 60 ppm of a copper salt, 20 ppm to 60 ppm of a zinc salt, and 40 ppm to 200 ppm of calcium oxide.

19. The composition according to Claim 18, comprising 290 ppm to 330 ppm hypochlorous acid or free available chlorine, 30 ppm to 50 ppm of a copper salt, 30 ppm to 50 ppm of a zinc salt, and 60 ppm to 180 ppm of calcium oxide.

20. The composition according to any one of Claims 17-19 further comprising 20 ppm to 160 ppm of a phosphate buffer.

21. The composition according to any one of Claims 2, 4, 5, 8, 9, or 11-14, comprising 100 ppm to 500 ppm hypochlorous acid or free available chlorine, 15 ppm to 80 ppm of a copper salt, 15 ppm to 80 ppm of a zinc salt, and 20 ppm to 160 ppm of a phosphate buffer.

22. The composition according to Claim 21, comprising 200 ppm to 400 ppm hypochlorous acid or free available chlorine, 20 ppm to 60 ppm of a copper salt, 20 ppm to 60 ppm of a zinc salt, and 20 ppm to 160 ppm of a phosphate buffer.

23. The composition according to Claim 22, comprising 290 ppm to 330 ppm hypochlorous acid or free available chlorine, 30 ppm to 50 ppm of a copper salt, 30 ppm to 50 ppm of a zinc salt, and 20 ppm to 160 ppm of a phosphate buffer.

24. The composition according to any one of Claims 21-23, wherein the phosphate buffer is present in an amount of 20 ppm to 120 ppm.

25. The composition according to Claim 24, wherein the phosphate buffer is present in an amount of 60 ppm to 100 ppm.

26. The composition according to any one of Claims 21-25 further comprising 20 ppm to 240 ppm of a calcium oxide.

27. The composition according to Claim 26, wherein the calcium oxide is present in an amount of 120 ppm to 200 ppm.

28. The composition according to Claim 27, wherein the calcium oxide is present in an amount of 140 ppm to 180 ppm.

29. The composition according to any one of Claims 1, 2, 4-8, 11, or 14-16 comprising 40 ppm to 140 ppm hypochlorous acid or free available chlorine, 10 ppm to 100 ppm of a copper salt, 10 ppm to 100 ppm of a zinc salt, and 20 ppm to 240 ppm of a calcium oxide.

30. The composition according to Claim 29, comprising 60 ppm to 120 ppm hypochlorous acid or free available chlorine, 20 ppm to 80 ppm of a copper salt, 20 ppm to 80 ppm of a zinc salt, and 20 ppm to 240 ppm of a calcium oxide.

31. The composition according to Claim 30, comprising 80 ppm to 100 ppm hypochlorous acid or free available chlorine, 20 ppm to 50 ppm of a copper salt, 20 ppm to 50 ppm of a zinc salt, and 20 ppm to 240 ppm of a calcium oxide.

32. The composition according to Claim 30, comprising 80 ppm to 100 ppm hypochlorous acid or free available chlorine, 50 ppm to 80 ppm of a copper salt, 50 ppm to 80 ppm of a zinc salt, and 20 ppm to 240 ppm of a calcium oxide.

33. The composition according to any one of Claims 29-32, wherein the calcium oxide is present in an amount of 20 ppm to 200 ppm.

34. The composition according to any one of Claims 29-33, further comprising a phosphate buffer in an amount of 20 ppm to 120 ppm.

35. The composition according to Claim 34, wherein the phosphate buffer is present in an amount of 60 ppm to 100 ppm.

36. The composition according to any one of Claims 2-35, wherein the phosphate buffer is a calcium phosphate or sodium phosphate.

37. The composition according to any one of Claims 1-36, wherein the copper salt is a copper chloride and the zinc salt is a zinc chloride.

38. A method of cleaning or disinfecting a hard surface, the method comprising applying to the hard surface a composition as defined in any one of Claims 1-37.