CLAIMS

1. A composition comprising one or more guanide-containing compounds and one or more alcohols.

2. The composition according to claim 1, wherein the one or more guanide-containing compounds comprise, consist essentially of, or consist of a biguanide, a biguanide-containing compound, a biguanidine, a biguanidine-containing compound, a triguanide, a triguanide-containing compound, or any combination thereof.

3. The composition according to claim 2, wherein the one or more biguanide-containing compounds include a polyhexamethylene biguanide (PHMB), a polyaminopropyl biguanide (PAPB), a 1,1'-(1,6-Hexanediyl)bis{2-[N'-(2-ethylhexyl)carbamimidoyl]guanidine} (alexidine), a chlorhexidine, a chlorhexidine gluconate, or any combination thereof.

4. The composition according to any one of claims 1-3, wherein the one or more alcohols is methanol, ethanol, propanol, isopropanol, butanol, pentanol, and 1-hexadecanol.

5. The composition according to any one of claims 1-4, wherein the one or more guanide-containing compounds are in an amount of about 0.01%, about 0.05%, about 0.075%, about 0.1%, about 0.2%, about 0.3%, about 0.4%, about 0.5%, about 0.6%, about 0.7%, about 0.8%, about 0.9%, about 1.0%, about 1.5%, about 2.0%, about 2.5%, about 3.0%, about 4.0%, about 5.0%, about 6.0%, about 6.5%, about 7.0%, about 7.5%, about 8.0%, about 8.5%, about 9.0%, about 9.5%, about 10.0%. about 11%, about 12%, about 13%, about 14%, about 15%, about 20%, about 25%, or about 30% by weight of the composition, or at least 0.01%, at least 0.05%, at least 0.075%, at least 0.1%, at least 0.25%, at least 0.5%, at least 0.75%, at least 1.0%, at least 1.5%, at least 2.0%, at least 2.5%, at least 3.0%, at least 4.0%, at least 5.0%, at least 6.0%, at least 7.0%, at least 7.5%, at least 8.0%, at least 9.0%, at least 10.0%, at least 11%, at least 12%, at least 13%, at least 14%, at least 15%, at least 20%, at least 25%, or at least 30% by weight of the composition, or at most 0.01%, at most 0.05%, at most 0.075%, at most 0.1%, at most 0.25%, at most 0.5%, at most 0.75%, at most 1.0%, at most 1.5%, at most 2.0%, at most 2.5%, at most 3.0%, at most 4.0%, at most 5.0%, at most 6.0%, at most 7.5%, at most 8.0%, at most 9.0%, at most 10.0%, at most 11%, at most 12%, at most 13%, at most 14%, at most 15%, at most 20%, at most 25%, or at most 30% by weight of the composition, or about 0.1% to about 0.5%, about 0.1% to about 0.75%, about 0.1% to about 1.0%, about 0.1% to about 1.5%, about 0.1% to about 2.0%, about 0.1% to about 2.5%, about 0.1% to about 3.0%, about 0.1% to about 3.5%, about 0.1% to about 4.0%, about 0.1% to about 4.5%, about 0.1% to about 5.0%, about 0.2% to about 0.5%, about 0.2% to about 0.75%, about 0.2% to about 1.0%, about 0.2% to about 1.5%, about 0.2% to about 2.0%, about 0.2% to about 2.5%, about 0.2% to about 3.0%, about 0.2% to about 3.5%, about 0.2% to about

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6. The composition according to any one of claims 1-5, wherein the one or more alcohols are in an amount of about 5%, about 10%, about 15%, about 20%, about 25%, about 30%, about 35%, about 40%, about 45%, about 50%, about 55%, about 60%, about 65%, about 70%, about 75%, about 80%, about 85%, about 90%, about 95%, about 96%, about 97%, about 98%, or about 99%, by weight of the composition,

or at least 5%, at least 10%, at least 15%, at least 20%, at least 25%, at least 30%, at least 35%, at least 40%, at least 45%, at least 50%, at least 55%, at least 60%, at least 65%, at least 70%, at least 75%, at least 80%, at least 85%, at least 90%, at least 95%, at least 96%, at least 97%, at least 98%, or at least 99%, by weight of the composition, or at most 5%, at most 10%, at most 15%, at most 20%, at most 25%, at most 30%, at most 35%, at most 40%, at most 45%, at most 50%, at most 55%, at most 60%, at most 65%, at most 70%, at most 75%, at most 80%, at most 85%, at most 90%, at most 95%, at most 96%, at most 97%, at most 98%, or at most 99%, by weight of the composition, or about 5% to about 10%, about 5% to about 20%, about 5% to about 30%, about 5% to about 40%, about 5% to about 50%, about 5% to about 60%, about 5% to about 70%, about 5% to about 80%, about 5% to about 90%, about 5% to about 95%, about 5% to about 97%, about 5% to about 99%, about 10% to about 20%, about 10% to about 30%, about 10% to about 40%, about 10% to about 50%, about 10% to about 60%, about 10% to about 70%, about 10% to about 80%, about 10% to about 90%, about 10% to about 95%, about 10% to about 97%, about 10% to about 99%, about 20% to about 30%, about 20% to about 40%, about 20% to about 50%, about 20% to about 60%, about 20% to about 70%, about 20% to about 80%, about 20% to about 90%, about 20% to about 95%, about 20% to about 97%, about 20% to about 99%, about 30% to about 40%, about 30% to about 50%, about 30% to about 60%, about 30% to about 70%, about 30% to about 80%, about 30% to about 90%, about 30% to about 95%, about 30% to about 97%, about 30% to about 99%, about 35% to about 40%, about 35% to about 50%, about 35% to about 60%, about 35% to about 70%, about 35% to about 80%, about 35% to about 90%, about 35% to about 95%, about 35% to about 97%, about 35% to about 99%, about 40% to about 50%, about 40% to about 60%, about 40% to about 70%, about 40% to about 80%, about 40% to about 90%, about 40% to about 95%, about 40% to about 97%, about 40% to about 99%, about 45% to about 50%, about 45% to about 60%, about 45% to about 70%, about 45% to about 80%, about 45% to about 90%, about 45% to about 95%, about 45% to about 97%, about 45% to about 99%, about 50% to about 60%, about 50% to about 70%, about 50% to about 80%, about 50% to about 90%, about 50% to about 95%, about 50% to about 97%, about 50% to about 99%, about 60% to about 70%, about 60% to about 80%, about 60% to about 90%, about 60% to about 95%, about 60% to about 97%, about 60% to about 99%, about 70% to about 80%, about 70% to about 90%, about 70% to about 95%, about 70% to about 97%, about 70% to about 99%, about 80% to about 90%, about 80% to about 95%, about 80% to about 97%, about 80% to about 99%, about 90% to about 95%, about 90% to about 97%, about 90% to about 99%, by weight of the composition.

7. The composition according to any one of claims 1-6, further comprising one or more surfactants.

8. The composition according to any one of claims 7, wherein the one or more surfactants include one or more ionic surfactants, one or more zwitterionic (amphoteric) surfactants, one or more non-ionic surfactants, one or more biosurfactants, or any combination thereof

9. The composition according to claim 8, wherein the one or more ionic surfactants include one or more anionic surfactants, one or more cationic surfactants, or any combination thereof.

10. The composition according to claim 9, wherein the one or more cationic surfactants include one or more quaternary ammonium surfactants, pH-dependent primary amine surfactant, pH-dependent secondary amine surfactant, pH-dependent tertiary amine surfactant, or any combination thereof.

11. The composition according to claim 10, wherein the one or more quaternary ammonium surfactants include benzalkonium chloride (BAC), benzethonium chloride (BZT), benzododecinium bromide (or dimethyldodecylbenzylammonium bromide), bronidox, (or 5-bromo-5-nitro-1,3-dioxane), carbethopendecinium bromide, cetalkonium chloride (CKC), cetrimonium, cetrimide, cetylpyridinium chloride (CPC), cetyl trimethylammonium bromide (CTAB or cetrimonium bromide) and cetyl trimethylammonium chloride (CTAC or cetrimonium chloride), didecyldimethylammonium chloride (DDAC), dioctadecyldimethylammonium bromide (DODAB or dimethyldioctadecylammonium bromide), dioctadecyldimethylammonium chloride (DODAC or dimethyldioctadecylammonium chloride), docosyltrimethylammonium chloride (DCTAC or behentrimonium chloride), dofanium chloride, domiphen bromide, methylbenzethonium chloride, octenidine dihydrochloride, polidronium chloride, stearalkonium chloride (or dimethylbenzyloctadecylammonium), tetraethylammonium bromide, tetramethylammonium hydroxide (TMAH) and thonzonium bromide, or any combination thereof.

12. The composition according to any one of claims 7-11, wherein the one or more surfactants are in an amount of aspects of, *e.g.*, about 0.001%, about 0.005%, about 0.0075%, about 0.01%, about 0.05%, about 0.075%, about 0.1%, about 0.2%, about 0.3%, about 0.4%, about 0.5%, about 0.6%, about 0.7%, about 0.8%, about 0.9%, about 1.0%, about 1.5%, about 2.0%, about 2.5%, about 3.0%, about 4.0%, about 5.0%, about 6.0%, about 7.0%, about 7.5%, about 8.0%, about 9.0% or about 10.0% by weight of the composition, or at least 0.001%, at least 0.005%, at least 0.0075%, at least 0.01%, at least 0.05%, at least 0.075%, at least 0.1%, at least 0.25%, at least 0.5%, at least 0.75%, at least 1.0%, at least 1.5%, at least 2.0%, at least 2.5%, at least 3.0%, at least 4.0%, at least 5.0%, at least 6.0%, at least 7.0%, at least 7.5%, at least 8.0%, at least 9.0%, or at least 10.0% by weight of the composition, or at most 0.001%, at most 0.005%, at most 0.0075%, at most 0.01%, at most 0.05%, at most 0.075%, at most 0.1%, at most 0.25%, at most 0.5%, at most 0.75%, at most 1.0%, at most 1.5%, at most 2.0%, at most 2.5%, at most 3.0%, at most 4.0%, at most 5.0%, at most 6.0%, at most 7.5%, at most 8.0%, at most 9.0% or at most 10.0% by weight of the composition, or about 0.001% to about 0.005%, about 0.001% to about 0.0075%, about 0.001% to about 0.01%,about 0.001% to about 0.025%, about 0.001% to about 0.05%, about 0.001% to about 0.075%, about 0.001% to about 0.1%, about 0.001% to about 0.25%, about 0.001% to about 0.75%, about 0.001% to about 1.0%, about 0.005% to about

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13. A composition comprising at least 3.0% by weight of the composition of one or more biguanide-containing compounds, about 40% to about 70% by weight of the composition of one or more alcohols, and water,

wherein the one or more biguanide-containing compounds is a polyhexamethylene biguanide (PHMB), polyaminopropyl biguanide (PAPB), 1,1'-(1,6-Hexanediyl)bis{2-[N'-(2-ethylhexyl)carbamimidoyl]guanidine} (alexidine), or any combination thereof; and

wherein the one or more alcohols do not include ethanol.

14. The composition of Claim 13, further comprising about 2% to about 10% of one or more quaternary ammonium surfactants, the one or more quaternary ammonium surfactants including cetylpyridinium chloride.

15. A composition comprising at most 1% by weight of the composition of a polyhexamethylene biguanide, about 60% to about 80% by weight of the composition of one or more alcohols, and water, wherein the one or more alcohols do not include ethanol.

16. The composition of Claim 15, wherein the polyhexamethylene biguanide is in an amount of about 0.1% to about 1% by weight of the composition.

17. A kit comprising a composition as defined in any one of claims 1-16.

18. The kit according to Claim 17, further comprising one or more delivery or application systems, and/or instructions, and/or a container.

19. A method to clean, disinfect and/or sterilize a device, the method comprising applying a composition as defined in any one of clams 1-16 or applying the components as defined in any one of claims 17 or 18, to a device, wherein application of the composition cleans, disinfects and/or sterilizes the device.

20. A composition as defined in any one of clams 1-16 or the components as defined in any one of claims 17 or 18 for use in cleaning, disinfecting and/or sterilizing a device.

21. Use of a composition as defined in any one of clams 1-16 or use of the components as defined in any one of claims 17 or 18 to clean, disinfect and/or sterilize a device.

22. A method to clean, disinfect and/or sterilize a surface area, the method comprising applying a composition as defined in any one of clams 1-16 or applying the components as defined in any one of claims 17 or 18, to a device, wherein application of the composition cleans, disinfects and/or sterilizes the device.

23. A composition as defined in any one of clams 1-16 or the components as defined in any one of claims 17 or 18 for use in cleaning, disinfecting and/or sterilizing a surface area.

24. Use of a composition as defined in any one of clams 1-16 or use of the components as defined in any one of claims 17 or 18 to clean, disinfect and/or sterilize a surface area.

25. The method of claim 22, or the use of claim 23 or 24, wherein the surface area is a porous surface area or a non-porous surface area.

26. The method of claim 22 or 25, or the use of any one of claims 23-25, wherein the surface area comprises a table top, counter top, floor, wall, ceiling, window, door, door handle, shower, bath, sink, faucet, toilet, toilet seat, drain, equipment, machinery, personal protective gear, personal biohazard gear, a medical device, dental device, pharmaceutical device, veterinary device, mortuary device or human skin.

27. The method of claim 26, or the use of claim 26, wherein the medical device is a surgical instrument, a respiratory therapy instrument, an anesthesia instrument, a catheter, an implant, a probe, an endoscope, an arthroscope, a laparoscope, a blade, a cystoscope, a spirometer, a CPAP mask and tubing, dialysis instrument and accessories, a heart-lung machine and accessories, a heart-lung bypass machine and accessories, and a diaphragm fitting ring.

28. A composition as defined in any one of clams 1-16 or the components as defined in any one of claims 17 or 18 for use in cleaning, disinfecting and/or sterilizing a microbial infection in an individual, wherein application of the composition is applied topically.

29. Use of a composition as defined in any one of clams 1-16 or use of the components as defined in any one of claims 17 or 18 in the manufacture of a medicament to clean, disinfect and/or sterilize a microbial infection in an individual.

30. The use of claim 29, wherein application of the composition is applied topically or administered enterally or parenterally.

31. A method to clean, disinfect or sanitize a skin region of an individual, the method comprising topically applying a composition to the skin region, wherein the composition comprises at most 1% by weight of the composition of one or more biguanide-containing compounds, about 40% to about 80% by weight of the composition of an alcohol, and water;