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(54) Title: DISINFECTANT CLEANING COMPOSITIONS AND METHODS OF USE THEREOF

(57) Abstract: The present disclosure provides a method for killing pathogens on a surface, the method comprising applying a composition to the surface, the composition comprising: at least one quaternary ammonium compound; a polymer comprising one or more types of monomer units selected from cationic monomer units, anionic monomer units, amphoteric monomer units, non-ionic monomer units, and combinations thereof, wherein at least one cationic monomer unit, amphoteric monomer unit or at least one anionic monomer unit is present when the polymer comprises one or more non-ionic monomer units; a surfactant selected from cationic surfactants, amphoteric surfactants, non-ionic surfactants, and combinations thereof; and, optionally, an organic acid, wherein the pH of the composition is less than 5; and the composition achieves at least 0.5 log reduction in the amount of live pathogens on the surface, wherein the pathogens are selected from bacterial spores, fungal spores, non-enveloped viruses and combinations thereof within about 60 minutes, under conditions of standard temperature and pressure.



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