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(54) Title: ANTIMICROBIAL SOLUTIONS AND METHODS OF USING THE SAME IN THE TREATMENT OR PREVENTION
OF INFECTIONS

(57) Abstract: Antimicrobial compositions include a therapeutically effective amount of neem oil, extract of the plant *Hypericum spp.*, polyunsaturated fatty acids (PUFAs), carrageenans, and/or chlorhexidine; and (optionally) in combination with one or more pharmaceutically acceptable carriers, additives, and/or diluents. The antimicrobial compositions are effective in treating or preventing upper respiratory tract infections, preferably upper respiratory tract infections caused by human Coronaviruses and are included within methods of treating or preventing infection of the upper respiratory tract of humans by a microbial pathogen.



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