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(54) Title: CONTROL OF PROTOZOA AND PROTONZOAN CYSTS THAT HARBOR LEGIONELLA

(57) Abstract: A method of controlling protozoa trophozoite and cysts is disclosed. The method comprises the addition of a phosphonium salt of the formula $(R_1)_3 P^+ R_2 \bullet X^-$ to where R_1 is an alkyl group having from 1-8 carbons and R_2 is a long chain substituent (having 6- 20 carbons) to aqueous systems harboring protozoa trophozoites and cysts. Addition of such phosphonium salts to aqueous systems was found to be effective at killing both the protozoa trophozoites and cysts. By effectively killing both the protozoa trophozoites and cysts, organism such as *Legionella* cells harbored in both the trophozoites and cysts are killed.