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(21) International Application Number: PCT/US97/21335 (22) International Filing Date: 18 November 1997 (18.11.97) (30) Priority Data: 08/758,540 29 November 1996 (29.11.96) US (71) Applicant: THE CLOROX COMPANY [US/US]; 1221 Broadway, Oakland, CA 94612 (US). (72) Inventors: CHOY, Clement, K.; 1345 Sugarloaf Drive, Alamo, CA 94507 (US); DELINE, James, E.; 3857 MacGregor Common, Livermore, CA 94550 (US); POLAND, Lafayette, D.; 11784 Bloomington Way, Dublin, CA 94568 (US); GARABEDIAN, Aram, Jr.; 37805 Elliott Street, Fremont, CA 94536 (US); KLOTTER, Kevin, A.; 1349 Cameo Court, Livermore, CA 94550 (US); PETRIN, Michael, Jr.; 3613 Old Glory Court, Antioch, CA 94508 (US); PHILLIPPI, Martin, A.; 3641 Dunsmuir Circle, Pleasanton, CA 94588 (US); SMITH, William, L.; 3227 Runnymede Court, Pleasanton, CA 94588 (US). (74) Agents: HAYASHIDA, Joel, J. et al.; 1221 Broadway, Oakland, CA 94612 (US).		(81) Designated States: AU, BR, CA, CN, ID, JP, KR, MX, PL, RU, SG, TR, UA, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.

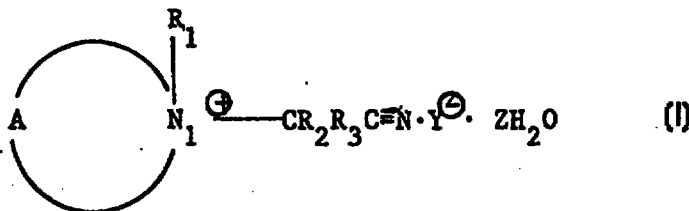
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(54) Title: LIQUID COMPOSITIONS CONTAINING N-ALKYL AMMONIUM ACETONITRILE SALTS

(57) Abstract

The invention provides liquid cleaning or bleaching compositions containing compounds having the structure of Formula (I) wherein A is a saturated ring formed by five atoms in addition to the N₁ atom, the five saturated ring atoms being four carbon atoms and a heteroatom, the substituent



R₁ bound to the N₁ atom of the Formula (I) structure including either (a) a C₁₋₂₄ alkyl or alkoxyalkyl where the alkoxy is C₂₋₄, (b) a C₄₋₂₄ cycloalkyl, (c) a C₇₋₂₄ alkaryl, (d) a repeating or nonrepeating alkoxy or alkoxyalkyl alcohol, where the alkoxy unit is C₂₋₄, or (e) -CR₂R₃CN where R₂ and R₃ are each H, a C₁₋₂₄ alkyl, cycloalkyl, or alkaryl, or a repeating or nonrepeating alkoxy or alkoxyalkyl alcohol where the alkoxy unit is C₂₋₄, the R₂ and R₃ substituents are each H, a C₁₋₂₄ alkyl, cycloalkyl, or alkaryl, or a repeating or nonrepeating alkoxy or alkoxyalkyl alcohol where the alkoxy unit is C₂₋₄, and wherein Y is a generally anionic counterion and Z is in the range of 0 to 10. Additional, adjunct materials commonly found in liquid cleaning and bleaching compositions can be added.