

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: A01N 33/08, 33/04 // (A01N 33/08, 33:04, 33:12) (A01N 33/04, 33:08, 33:12)	A1	(11) International Publication Number: WO 99/13715 (43) International Publication Date: 25 March 1999 (25.03.99)
(21) International Application Number: PCT/US98/15637 (22) International Filing Date: 6 August 1998 (06.08.98) (30) Priority Data: 08/931,442 16 September 1997 (16.09.97) US (71) Applicant: BUCKMAN LABORATORIES INTERNATIONAL, INC. [US/US]; 1256 North McLean Boulevard; Memphis, TN 38108-0305 (US). (72) Inventors: OPPONG, David; 8587 Sunnyvale Street South, Cordova, TN 38018 (US). JAQUESS, Percy, A.; P.O. Box 59, Tigrett, TN 38070 (US). CORRAL, Fernando, Del; 120 Riverwalk Place, Memphis, TN 38103 (US). WHITTEMORE, Marilyn, S.; 2026 Widgeon Way Drive, Germantown, TN 38138 (US). (74) Agent: KILYK, Luke, A.; Armstrong, Westernman, Hattori, McLeland & Naughton, Suite 1000, 1725 K Street, N.W., Washington, DC 20006 (US).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: SYNERGISTIC ANTIMICROBIAL COMPOSITIONS CONTAINING DODECYLMORPHOLINE OR A SALT THEREOF AND DODECYLAMINE OR A SALT THEREOF		
(57) Abstract Compositions for controlling the growth of microorganisms in or on a product, material, or medium comprising synergistically effective amounts of (a) dodecylmorpholine or a salt thereof and (b) dodecylamine or a salt thereof are disclosed. Methods to control the growth of microorganisms and prevent spoilage caused by microorganisms with the use of the compositions of the present invention are also disclosed.		