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(21) International Application Number: PCT/US99/03942 (22) International Filing Date: 24 February 1999 (24.02.99) (30) Priority Data: 09/031,829 27 February 1998 (27.02.98) US (71) Applicant: BUCKMAN LABORATORIES INTERNATIONAL, INC. [US/US]; 1256 North McLean Boulevard, Memphis, TN 38108 (US). (72) Inventors: LEE, James, C.; 4044 Graham Oaks Court, Memphis, TN 38122 (US). DEL CORRAL, Luis, F.; 120 Riverwalk Place, Memphis, TN 38103 (US). CLARK, Richard, A.; 581 Royal Pecan Way, Collierville, TN 38017 (US). BONILLA, Pedro, A.; 6406 Hawks Call Lane, Memphis, TN 38135 (US). (74) Agent: LINDEMAN, Jeffrey, A.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (US).		(81) Designated States: AU, BR, CA, JP, MX, NZ, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: SOLID TCMTB FORMULATIONS (57) Abstract The invention provides a solid TCMTB formulation for controlling the growth of at least one microorganism. The use of a solid TCMTB formulation, as compared to a liquid, minimizes user contact and is more readily packaged. A solid TCMTB formulation of the invention contains TCMTB adsorbed onto a water-soluble, salt carrier matrix, with the TCMTB present in an amount effective to control the growth of at least one microorganism, preferably in an aqueous system. Other microbicides and additives may also be incorporated into a solid TCMTB formulation of the invention. In a preferred embodiment, the formulation contains both TCMTB and one or more other microbicides (e.g., methylene bithiocyanate (MTC)) and a water-soluble, salt carrier matrix. The TCMTB is adsorbed onto the water-soluble salt carrier matrix. The TCMTB and other microbicide are present in a combined antimicrobial amount effective for the control of at least one microorganism. A solid TCMTB formulation may be used in a wide variety of biocide applications. Accordingly, the invention also relates to a method for controlling the growth of at least one microorganism in a liquid, preferably aqueous, system. In particular, the method controls the growth of at least one microorganism in an aqueous system by contacting an aqueous system with a solid TCMTB formulation comprising TCMTB adsorbed onto a water-soluble salt carrier matrix in an amount effective to control the growth of at least one microorganism in the aqueous system. *162162* *G00002*		