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(21) International Application Number: PCT/US96/09475 (22) International Filing Date: 4 June 1996 (04.06.96) (30) Priority Data: 08/462,164 5 June 1995 (05.06.95) US 08/461,716 5 June 1995 (05.06.95) US 08/461,706 5 June 1995 (05.06.95) US (71) Applicant: SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). (72) Inventors: WELLINGHOFF, Stephen, T.; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). KAMPA, Joel, J.; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). (74) Agents: SENNIGER, Stuart, N. et al.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: METHODS OF MAKING SUSTAINED RELEASE BIOCIDAL COMPOSITIONS		
(57) Abstract A process for preparing a composite which provides sustained release of chlorine dioxide which includes mixing a hydrophilic material containing an amine and a base with a hydrophobic material containing an acid releasing agent, the hydrophilic and hydrophobic materials being adjacent and substantially free of water, to form a mixture. The mixture is exposed to chlorine dioxide which reacts with the amine to form iminium chlorite which is decomposed by the base to form a chlorite salt within the hydrophilic material. The hydrophilic material is capable of releasing chlorine dioxide upon hydrolysis of the acid releasing agent.		

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