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(21) International Application Number: PCT/US95/13947 (22) International Filing Date: 31 October 1995 (31.10.95) (30) Priority Data: 08/334,291 4 November 1994 (04.11.94) US (71) Applicant: W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US). (72) Inventors: GERHOLD, Robert, M.; 112 Chestnut Lane, Wheeling, IL 60090 (US). LABINE, Paul, U.; 1541 Chippewa, Naperville, IL 60563 (US). HWA, Chih, M.; 1041 Nightingale Drive, Palatine, IL 60047 (US). FAN, Grace, L.; 1165 Berkley Road, Lake Zurich, IL 60047 (US). (74) Agent: MAGGIO, Robert, A.; W.R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MD 21044 (US).		(81) Designated States: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, 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, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, LS, MW, SD, SZ, UG). Published <i>With international search report.</i>
(54) Title: SYNERGISTIC BIOCIDAL COMBINATIONS (57) Abstract The present invention is directed to microbiocidal combinations and processes for inhibiting the growth of microorganisms. The novel combinations and processes of the present invention show unexpected activity against microorganisms, including bacteria, fungi and algae. Specifically, the microbiocidal combinations comprise (i) an oxidant or oxidizing biocide such as potassium monopersulfate, sodium perborate, hydrogen peroxide or sodium percarbonate, (ii) a non-oxidizing microbiocide such as glutaraldehyde and optionally (iii) a surfactant/dispersant, (iv) an anti-corrosive material, and (v) an anti-scale material.		

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