

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 January 2009 (22.01.2009)

PCT

(10) International Publication Number
WO 2009/010749 A3

(51) International Patent Classification:

C11D 3/00 (2006.01) *C11D 1/62* (2006.01)
C11D 3/37 (2006.01) *C11D 3/16* (2006.01)
C11D 3/43 (2006.01)

(21) International Application Number:

PCT/GB2008/002436

(22) International Filing Date: 17 July 2008 (17.07.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0713799.5 17 July 2007 (17.07.2007) GB

(71) Applicant (for all designated States except US): **BY-OTROL PLC** [GB/GB]; Riverside Works, Collyhurst Road, Manchester M40 7RU (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SCHWARZ, Ulrich, W.** [DE/GB]; Byotrol PLC, Riverside Works, Collyhurst Road, Manchester M40 7RU (GB). **FALDER, Stephen, Brian** [GB/GB]; Byotrol PLC, Riverside Works, Collyhurst Road, Manchester M40 7RU (GB).

(74) Agent: **CROWHURST, Charlotte**; Potter Clarkson LLP, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:

2 April 2009

(54) Title: ANTI-MICROBIAL COMPOSITION

(57) Abstract: The present invention provides an anti-microbial composition comprising (i) an antimicrobial agent with surfactant properties; (ii) a siloxane selected from those having the formulae $V:(H_3C)[SiO(CH_3)_2]_nSi(CH_3)_3$, and $(H_3C)[SiO(CH_3)H]_nSi(CH_3)_3$, and mixtures thereof, wherein n is from 1 to 24; and (iii) a polar solvent; wherein the ratio of (i) to (ii) is from about 100: 1 to about 5:1.



WO 2009/010749 A3