

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/018003 A1

(51) International Patent Classification⁷: **A61L 2/18**,
A61K 7/00, C11D 3/48

(21) International Application Number:
PCT/CA2002/001284

(22) International Filing Date: 20 August 2002 (20.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): **ALDA PHARMACEUTICALS CORP.** [CA/CA]; 635 Columbia Street, New Westminster, British Columbia V3M 1A7 (CA).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **SHAPIRO, Allan** [CA/CA]; 16622 85B Avenue, Surrey, British Columbia V4N 5A7 (CA).

(74) Agents: **CRINSON, Michael, D.** et al.; Dimock Stratton Clarizio LLP, Suite 3202, Box 102, 20 Queen ST. W., Toronto, Ontario M5H 3R3 (CA).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A WIDE SPECTRUM DISINFECTANT

(57) Abstract: The invention discloses methods of making and uses for wide spectrum disinfectants including as components an alcohol, O-phenylphenol, chlorhexidine gluconate, nonoxynol-9, benzalkonium chloride, and deionised double distilled water wherein on a weight/volume ratio the alcohol comprises from 50 to 80%, the O-phenylphenol comprises from 0.1 to 0.8%, the chlorhexidine gluconate comprises from 0.01 to 1%, the nonoxynol-9 comprises from 0.02 to 1%, and the benzalkonium chloride comprises from 0.15 to 1%.



WO 2004/018003 A1