

2003055258

11 SEP 2003

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
3 October 2002 (03.10.2002)

PCT

(10) International Publication Number
WO 02/076212 A1(51) International Patent Classification: **A01N 43/90**,
43/40 // (A01N 43/90, 25:04) (A01N 43/40, 25:04)(74) Agents: **RICKS, Michael, James** et al.; Syngenta Limited, Intellectual Property Department, Jealott's Hill Research Centre, P.O. Box 3538, Bracknell RG42 6YA (GB).

(21) International Application Number: PCT/GB02/01147

(22) International Filing Date: 13 March 2002 (13.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0107651.2 27 March 2001 (27.03.2001) GB(71) Applicant (for all designated States except US): **SYNGENTA LIMITED** [GB/GB]; European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ASHFORD, Emma, Jane** [GB/GB]; Syngenta Limited, Yalding Manufacturing and Technology Centre, Hampstead Lane, Yalding, Nr Maidstone, Kent ME18 6LN (GB). **HEYLINGS, Jonathan, Roy** [GB/GB]; Syngenta Limited, CTL, Alderley Park, Macclesfield, Cheshire SK10 4TJ (GB). **SHAUNAK, Richa** [GB/CH]; Syngenta Participations AG, CH-4002 Basel (CH).

(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, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, 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, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, 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.



162162



ACTION

WO 02/076212 A1

(54) Title: COMPOSITION CONTAINING PARAQUAT AND/OR DIQUAT AN ALGINATE AND AN EMETIC AND/OR PURGATIVE

(57) Abstract: The use of an alginate as a pH-triggered gelling agent in the manufacture of a composition comprising a salt of paraquat, a salt of diquat or a mixture thereof, the composition further comprising an emetic and/or purgative such that a pH-triggered gel effect takes place at the acid pH of human gastric juice. The gelling agent is preferably used in the substantial absence of magnesium trisilicate and preferably has a 1% solution viscosity in water of from 2 to 2000 mPas.