



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

<p>(51) International Patent Classification <sup>6</sup> : <b>A61K 7/32</b></p>	<p><b>A3</b></p>	<p>(11) International Publication Number: <b>WO 99/16410</b></p> <p>(43) International Publication Date: 8 April 1999 (08.04.99)</p>
<p>(21) International Application Number: PCT/EP98/05497</p> <p>(22) International Filing Date: 25 August 1998 (25.08.98)</p> <p>(30) Priority Data: 60/060,114 26 September 1997 (26.09.97) US 09/071,654 1 May 1998 (01.05.98) US</p> <p>(71) Applicant (for AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW only): UNILEVER PLC [GB/GB]; Unilever, Blackfriars, London EC4P 4BQ (GB).</p> <p>(71) Applicant (for all designated States except AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW): UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).</p> <p>(72) Inventors: BIANCHI, James, Michael; Helene Curtis, Inc., 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008-4009 (US). CONVENIDO, Eugenia, Villareal; 108 Kassik Circle Drive, Churchill Downs, Southcase, Orlando, FL 32824 (US). NOE, Jeremy, Edward; Helene Curtis, Inc., 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008-4009 (US).</p>	<p>(74) Agent: ROTS, M., J., F.; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).</p> <p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> <i>With international search report.</i></p> <p>(88) Date of publication of the international search report: 17 June 1999 (17.06.99)</p>	
<p>(54) Title: LOW RESIDUE SOLID ANTIPERSPIRANT</p> <p>(57) Abstract</p> <p>The present invention is directed to a low residue antiperspirant composition substantially free of water and long chain fatty alcohols which comprises: (a) from about 30 % to about 50 % of a volatile silicone; (b) from about 5 % to about 30 % of a particulate antiperspirant active; (c) from about 2 % to about 12 % of hydrogenated castor oil; (d) from about 8 % to about 28 % of paraffin; and (e) from about 10 % to about 25 % of an emollient; wherein the ratio of the paraffin to hydrogenated castor oil is from about 6 to 1 to about 0.85 to 1.</p>		

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 98/05497

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 6 A61K7/32		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 6 A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	EP 0 388 110 A (PROCTER & GAMBLE ) 19 September 1990 see claim 1; example III ---	1,2
X	WO 97 15270 A (CHURCH & DWIGHT) 1 May 1997 see example IV ---	1,2
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A	EP 0 388 111 A (PROCTER & GAMBLE) 19 September 1990 cited in the application see claim 1 ---	1
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Date of the actual completion of the international search	Date of mailing of the international search report	
9 April 1999	16/04/1999	
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