Miscellaneous

Patent S.No	Patent No.	Priority date	Surfactant	Overall Claimed Composition patent	Benefit/Advantage
Miscellaneous					
39	GB2383585A	12/28/2001	Anionic surfactant of given formula	Anionic surfactant and other ingredients	Increased detergency and powder flow properties
40	GB2371310A	1/22/2001	Alkoxylated nonionic surfactant	(A) Radical initiator selected from a) alpha amino ketones, (b) alphahydroxy ketones, (c) phosphorus-containing photoinitiators, (d) dialkoxy acetophenones ; (e) alpha-haloacetophenones; (f) trisacyl phosphine oxides; (g) benzoin and benzoin-based photoinitiators and (B) alkoxylated nonionic surfactant	Reduces colour damage to fabrics
41	GB2364702A	7/17/2000	Wide range is mentioned in general in description	Perfluoroalkyl amphiphilic compound and other ingredients	The perfluoroalkyl compound gives excellent oil and soil repellency to cotton and polyester fabrics
42	GB2259096A	8/28/1991	Nonionic liquid surfactant and other surfactns (Wide range is mentioned in general in description)	Particulate solid phase dispersed in a non-aqueous liquid phase (N-substituted pyrrolidone derivative) and ethoxylated nonionic liquid surfactant	Aquatic toxicity of low ethoxy nonionics or redn. of detergency effects of ethoxylated nonioniccs etc. problems are avoided by including pyrrolidine.
43	GB2342098A	09/30/1998 | 09/16/1999	Wide range is mentioned in general in description	(i) detergent surfactant, (ii) particles which contain sodium tripolyphosphate, (iii) other ingredients which include particles of sodium citrate dihydrate	Tablets dissolve and disintegrate fast.
44	GB2313379	5/23/1996	Nonionic surfactant	i) a nonionic detergent surfactant; ii) a quaternary ammonium compound having at least one Cl2-C22 alkyl chain and iii) a perfume	Good detergency and good perfume delivery properties
45	GB2445939A	1/27/2007	Primary alkyl sulfate (PAS)	Primary alkyl sulfate (PAS), Aluminosilicate, Inoragnic electrolyte like sodium carbonate	Lower decomposition
46	GB2428694A	7/28/2005	Not specified	Transition metal catalyst, an acidic component, solid co-granulant	Improved stability
47	GB2425128A	4/11/2005	Anionic surfactants preferred	Non-soap surfactant, inorganic hydratable salt like sodium pyrophosphate	The inorganic hydratable salt reduces the heat needed for the drying step and provides cost-effectiveness