Builders

Patent S.No	Patent No.	Priority date	Surfactant	Overall Claimed Composition patent	Benefit/Advantage
Builder					
Builder and Starch					
13	GB2277325A	4/23/1993	Non-soap detergent active	Non-soap detergent active, detergency builder, natural starch and cationically modified starch	Enhances stiffness of fabrics, i.e. no need for post-cleaning starch treatment
14	GB2291067A	7/15/1994	Anionic surfactant and/or non-ionic surfactant	Non-soap detergent active, detergency builder, starch, clay	Bar properties are improved, ie. rate of wear decreases and amount of mush decreases
Builder and Other Ingredients					
15	GB2358404A	1/24/2000	Wide range is mentioned in general in description	White or light-coloured particles, visually contrasting particles comprising fluorescent material, detergent-active material, detergency builder	Give visual effects to the customer that the product has been exhausted, or insufficient product has been used, and that more should be added.
16	GB2271998A	10/27/1992	Anionic surfactants preferred	Non-soap detergent active material, a detergency builder and hydrotype	Detergency cream with a relatively short duration of contact between the diluted composition and the fabric at lower pH leads to improved detergency
17	GB2265379A	04/16/1992 | 04/14/1993	Anionic surfactants preferred	Non-soap surface active material, precipitating builder, lather boosting additive, humectant	Composition has Improved lather characteristics.
18	GB2385600A	1/29/2002	anionic sulphonate and ethoxylated non-ionic surfactant	aloe vera, inorganic carrier material-Sodium sulfate, polymeric binder, anionic sulphonate surfactant, non-ionic surfactant, detergency builder	Mildness to the skin
19	GB2278125A	5/17/1993	Anionic surfactant	Non-soap anionic detergent active, detergency builder, inorganic filler , alcohol	The bars show improved integrity in contact with water, thus reducing the formation of soft mush
20	GB2278124A	5/17/1993	Anionic surfactant (alkylbenzene sulphonate and/or primary alcohol sulphate)	Non-soap anionic detergent active, detergency builder, secondary alcohol or branched-chain primary alcohol	The alcohol component reduces the formation of soft mush when the bars are left in contact with water.
21	GB2276630A	4/2/1993	Anionic surfactant	Non-soap anionic detergent active, detergency builder, alkoxylated nonionic detergent	Bars give reduced mush when left standing in water
22	GB2309977A	2/12/1996	Anionic surfactant	Detergent active component, builder, breakage reduction agent (viscous adhesive binder and/or a plasticiser)	Antibreakage properties
23	GB2296920A	1/16/1995	Anionic surfactant	Non soap anionic detergent active, detergency builder, betaine	Improved skin mildness, detergency and anti-breakage properties