

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, alkoxyated 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 |