

Title (en)  
LAUNDRY DETERGENT COMPOSITION

Title (de)  
WÄSCHEWASCHMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE DÉTERGENT POUR LESSIVE

Publication  
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Application  
**EP 17172999 A 20170526**

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Abstract (en)  
The present invention relates to a solid laundry detergent composition comprising: (a) from 20wt% to 39wt% deterative surfactant selected from anionic deterative surfactant and/or non-ionic deterative surfactant; (b) from 10wt% to 40wt% inorganic salts selected from sodium carbonate, sodium sesquicarbonate, sodium bicarbonate and any mixtures thereof; (c) optionally, from 10wt% to 40wt% citric acid and/or salts thereof; (d) from 0.5wt % to 20wt% alkyl ether carboxylic acid having the following structure: ##### R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>-OCH<sub>2</sub>-COOH wherein, R is selected from saturated and mono-unsaturated C<sub>10</sub> to C<sub>26</sub> linear or branched alkyl chains, and n is selected from 5 to 20, wherein at 1wt% dilution in de-ionised water at 20°C, the composition has a pH in the range of from 7.6 to 10.0, wherein at 1wt% dilution in de-ionised water at 20°C, the composition has a reserve alkalinity to pH 7.5 of greater than 3.0, wherein the composition is in the form of a coated laundry detergent particle that is curved and has perpendicular dimensions x, y and z, wherein x is from 0.5mm to 2.0mm, wherein y is from 2.0mm to 8.0mm, and wherein z is from 2.0mm to 8.0mm, wherein the coating comprises the inorganic salt (b), and wherein the core comprises the deterative surfactant (a).

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