

Title (en)

DETERGENTS WITH REDUCED PEROXYGEN BLEACH LEVELS CONTAINING A CHELANT AND ENZYMES

Title (de)

ENZYM- UND CHELATHALTIGE WASCHMITTEL MIT VERRINGERTEN BLEICHMITTELANTEILEN

Title (fr)

DETERGENTS A TENEUR REDUITE EN AGENT DE BLANCHIMENT AU PEROXYDE, CONTENANT UN AGENT CHELATEUR ET DES ENZYMES

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Application

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Abstract (en)

[origin: WO9528463A1] There is provided a Biological Bleach Index ("BBI") by which bleach containing detergent compositions are defined which contain lower levels of bleach and bleach activator along with particular levels of chelants and enzymes. The detergent compositions of the invention have a Biological Bleach Index of greater than 65 as defined by a particular formula. In another aspect of the present invention, bleach-containing detergent compositions are provided which contain lower levels of bleach and bleach activator and higher levels of chelant and preferably higher levels of enzymes. Particularly, the level of bleach/activator reduction is represented by the equation $[X]_f = a[X]_o$ where "a" is less than 1, the amount of chelant increase is represented by the equation $[Y]_f > 2/a [Y]_o$, and the amount of enzyme increase is represented by the equation $[Z]_f > 1/a [Z]_o$.

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