

Title (en)
DETERGENT COMPOSITION COMPRISING SOURCE OF HYDROGEN PEROXIDE AND PROTEASE ENZYME

Title (de)
WASCH- UND REINIGUNGSMITTEL ENTHALTEND WASSERSTOFFPEROXIDQUELLE UND PROTEASE

Title (fr)
COMPOSITION DETERGENTE COMPORTANT UNE SOURCE DE PEROXYDE D'HYDROGENE ET UNE PROTEASE

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Application
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• US 9602337 W 19960220

Abstract (en)
[origin: WO9628534A1] There is provided a non-phosphate builder-containing detergent composition comprising a surfactant, and a) at least 0.5 % by weight of a source of hydrogen peroxide; b) from 0.01 % to 10 % by weight of an organic peroxyacid bleach precursor; c) from 0.001 % to 5 % by weight of a proteolytic enzyme; d) an alkalinity source having the capacity to deliver alkalinity to a wash solution as measured by the alkalinity release test described herein, such that the % weight NaOH equivalent of the composition is greater than 10.6 % by weight of the composition, and wherein the detergent composition has a Hydrogen peroxide Precursor Proteolytic enzyme (HPP) Index of at least 0.35 as defined by the formula $HPP = (\% \text{ weight of precursor} \times \% \text{ weight of proteolytic enzyme}) / (\% \text{AvO}_2) < 2$, wherein the % weight of proteolytic enzyme in the formulation is based on an enzyme activity of 13 knpu/g of the enzyme particle, and wherein the %AvO₂ is the total amount of available oxygen present in the composition.

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