

Title (en)
ZEOLITE AS A DETERGENT AID

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Application
EP 83401175 A 19830609

Priority
FR 8210638 A 19820618

Abstract (en)
[origin: US4519933A] Type A, especially type 4A zeolites are well adapted as detergent builders, said zeolites comprising (i) primary particles having a mean particle diameter ranging from 0.1 to 10 μ , (ii) a cation exchange capacity in excess of about 100 mg CaCO_3/g of anhydrous material, and (iii) a rate constant, relative to the surface area of the zeolite per liter of wash solution, in excess of about 0.15 $\text{s}^{-1} \text{lm}^{-2}$. The builders are prepared by first determining the value of the rate constant for a given zeolite sample. Since a higher rate constant value corresponds to a lower degree of salt incrustation on fabrics, only those zeolites having a value above the predetermined minimum will be incorporated into detergents. Thus, zeolites otherwise appearing identical can be differentiated, with only those not causing high levels of incrustation being selected.

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