

Title (en)  
CONCENTRATED, STABLE FABRIC SOFTENING COMPOSITIONS INCLUDING CHELANTS

Title (de)  
KONZENTRIERTE, STABILE TEXTILWEICHMACHERZUSAMMENSETZUNGEN ENTHALTEND CHELATBILDNER

Title (fr)  
COMPOSITIONS ADOUCISSANTES DE TISSUS STABLES ET CONCENTREES

Publication  
**EP 0839180 A1 19980506 (EN)**

Application  
**EP 96926070 A 19960711**

Priority  
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• US 62101996 A 19960322

Abstract (en)  
[origin: WO9703172A1] Clear or translucent fabric softening compositions having a biodegradable fabric softening active and an added chelating agent are disclosed. The biodegradable fabric softening active preferably has formula (1), wherein each R substituent is hydrogen or a short chain C1-C6, preferably C1-C3 alkyl or hydroxyalkyl group, e.g., methyl (most preferred), ethyl, propyl, hydroxyethyl, and the like, benzyl, or mixtures thereof; each m is 2 or 3; each n is from 1 to about 4, preferably 2; each Y is -O-(O)C-, -(R)N-(O)C-, -C(O)-N(R)-, or -C(O)-O-, preferably -O-(O)C-; the sum of carbons in each R<1>, plus one when Y is -O-(O)C- or -(R)N-(O)C-, is C6-C22, preferably C12-22, more preferably C14-C20, but no more than one R<1> or YR<1> sum being less than about 12 and then the other R<1> or YR<1> sum is at least about 16, with each R<1> being a long chain C5-C21 (or C6-C22), preferably C9-C19 (or C9-C20), most preferably C11-C17 (or C12-C18), straight, branched, unsaturated or polyunsaturated alkyl, the average Iodine Value of the parent fatty acid of the R<1> being from about 20 to about 140. The chelating agent is preferably diaminetriaminepentaacetic acid. The compositions display excellent clarity with a percentage haze in the transmission mode of a Hunter Color analysis of less than 90 %, preferably less than 50 %.

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IPC 8 full level  
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