

Title (en)

ALKOXYLATED, CROSS-LINKED POLYGLYCEROLS AND USE THEREOF AS BIODEGRADABLE DEMULSIFIER

Title (de)

ALKOXYLIERTE VERNETZTE POLYGLYCERINE UND IHRE VERWENDUNG ALS BIOLOGISCH ABBAUBARE EMULSIONSSPALTER

Title (fr)

POLYGLYCEROLS RETICULES ALCOXYLES ET LEUR UTILISATION COMME DESEMULSIONNEURS BIODEGRADABLES

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Application

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Abstract (en)

[origin: WO2004108863A1] The invention relates to the use of alkoxylated cross-linked polyglycerols having multifunctional electrophilic compounds. Said polyglycerols have a molecular weight of between 1000 - 100.000 units and have between 5 - 100 glycerol units which are alkoxylated by C2-C4-alkylen oxide groups or a mixture of said type of alkylen oxide groups such that the cross-linked, alkoxylated polyglycerol has an alkoxylation degree of between 1 - 100 alkylen oxide units per free OH group. The invention also relates to the use of said polyglycerols for the demulsification of oil/water emulsions in amounts ranging from 0.0001 5 wt.-%, in relation to the oil content of the emulsion which is to be demulsified.

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