

Title (en)  
SYNTHESIS OF SARCOSINATE SURFACTANTS

Title (de)  
HERSTELLUNG VON SARKOSINAT ENTHALTENDE OBERFLÄCHENAKTIVEN MITTELN

Title (fr)  
SYNTHESE DE TENSIOACTIFS DE SARCOSINATE

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Application  
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Abstract (en)  
[origin: WO9507881A1] A method for preparing sarcosinate amido acids and salts thereof of formula (IA) wherein R is a C1 or higher hydrocarbyl substituent, and M is a cationic moiety selected from alkali metal salts and hydrogen, comprising the steps of (a) reacting under anhydrous conditions, in the presence of a base catalyst with basicity equal to or greater than alkoxide catalyst, a carboxylic acid ester of formula (II) with a sarcosine amino acid salt of structure (B) wherein R is as described before, R<1> is a C1 or higher hydrocarbyl substituent, and M is an alkali metal salt; and (b) optionally, neutralizing the sarcosinate amido acid salt formed by step (a) to form the sarcosinate amido acid, whereby M is hydrogen in formula (IA).

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