

Title (en)

MANNICH CONDENSATE-BASED SURFACTANT ADJUVANTS AND COMPOSITIONS THEREOF

Title (de)

AUF MANNICH-KONDENSATEN BASIERENDE OBERFLÄCHENAKTIVE HILFSSTOFFE UND SIE ENTHALTENDE ZUSAMMENSETZUNGEN

Title (fr)

ADJUVANTS DE TENSIOACTIFS A BASE DE CONDENSATS DE MANNICH ET COMPOSITIONS CONTENANT CEUX-CI

Publication

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Application

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Abstract (en)

[origin: WO111959A1] Surfactants that further improve the bioefficacy of herbicides. The surfactants comprise (i) primarily di-substituted alkylphenol or alkenylphenol mannich condensate alkoxylates, in combination with mono-substituted alkylphenol or alkenylphenol mannich condensate alkoxylates, (ii) primarily phosphate monoesters and diesters of di-substituted alkylpheno or alkenylphenol mannich condensates alkoxylates, in combination with phosphate monoesters and diesters of mono-substituted alkylphenol or alkenylphenol mannich condensates alkoxylates, and (iii) primarily alkoxylated phosphate monoesters and diesters of di-substituted alkylphenol or alkenylphenol mannich condensates alkoxylates, in combination with alkoxylated phosphate monoesters and diesters of mono-substituted alkylphenol or alkenylphenol mannich condensates alkoxylates. The present invention also provides for herbicide compositions that contain the surfactants of the present invention.

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