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(54) Title: HIGHLY OVERBASED MAGNESIUM ALKYL TOLUENE SULFONATES

(57) Abstract: A process for preparing a highly overbased magnesium alkyltoluene sulfonates comprising: (A) reacting at least one oil soluble alkyltoluene sulfonic acid and at least one source of magnesium, in the presence of a mixture comprising: (i) at least one hydrocarbon solvent; and (ii) at least one low molecular weight alcohol; (B) contacting the reaction product of (A) with at least one promoter and water; (C) contacting the product of (B) with an overbasing acid; and (D) heating the reaction product of (C) to a temperature greater than the distillation temperature of the hydrocarbon solvent, the low molecular weight alcohol, and the water to distill the hydrocarbon solvent, the low molecular weight alcohol, and the water.



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