

ABSTRACT OF THE DISCLOSURE

MANNICH CONDENSATION PRODUCTS USEFUL AS SEQUESTERING AGENTS

The present invention is directed to Mannich condensation product sequestering agents or mixtures of Mannich condensation product sequestering agents for use in fuels and lubricating oils. The present invention is also directed to a process for preparing the Mannich condensation product sequestering agents. The present invention is also directed to a product formed by combining, under reaction conditions, a polyisobutyl-substituted hydroxyaromatic compound, an aldehyde, an amino acid or ester thereof, and an alkali metal base to form the Mannich condensation product sequestering agent. The present invention is also directed to a lubricating oil composition, a lubricating oil concentrate, a fuel composition, and a fuel concentrate having the Mannich condensation product sequestering agents of the present invention.