

This Sheet Has Been Replaced



ABSTRACT

RESIN-FREE SUCCINIMIDES

This invention relates to novel pure hydrocarbyl succinylating agents, substantially pure derivatives thereof, to a method of preparation of pure substituted succinylating agents and their derivatives, and to the use of thereof as additives for fuels and lubricants. The hydrocarbyl substituted succinylating agents are pure because the real and apparent mole ratios of the succinyl groups to the hydrocarbyl groups in such agents are substantially the same. These are produced by reacting an olefin polymer such as poly(iso)butylene with maleic anhydride to form a hydrocarbyl substituted succinylating agent which is then cleaned by solvent extraction to remove any impurities therein before use in further reactions.