

ALKENYL SUCCINIC ACID ANHYDRIDE HALF ESTER EMULSIFIER

ABSTRACT

The present invention relates to a starch emulsifier product prepared by sufficiently solubilizing a starch and subsequently sufficiently derivatizing the sufficiently solubilized starch product, in one embodiment by reacting the sufficiently solubilized starch with an alkenyl succinic anhydride. Such starch emulsifier products are useful as emulsifying and/or encapsulating agents, particularly in systems where high load and retention of the active ingredient, low surface oil exposure, and excellent oxidation resistance is desired.

FIG. 1