

SALT STABLE CATIONIC SILICONE OIL-IN-WATER MICROEMULSION

ABSTRACT

A composition is disclosed that contains (A) a silicone component which is an aqueous oil-in-water microemulsion containing a polysiloxane stabilized in the microemulsion by a cationic surfactant, and (B) an inorganic salt or an organic salt. The polysiloxane in the cationic microemulsion has a particle diameter of less than 100 nanometer, preferably less than 40 nanometer. The polysiloxane is a polydimethylsiloxane or an amine functional polysiloxane, preferably prepared by emulsion polymerization. The composition preferably contains at least twenty percent by weight of the salt.

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