Abstract

Title of the Invention:-

Improved Amine Based Additive Composition for Control and Inhibition of Polymerization of Aromatic Vinyl Monomers, and Method of Use thereof.

The present invention relates to an improved amine based additive composition for control and inhibition of polymerization of aromatic vinyl monomers including styrene comprising one or more of the quinone methide or derivatives thereof~~aromatic compounds~~, one or more of nitroxide compounds and further comprising one or more of aliphatic tertiary amines.

In one embodiment, the present invention also relates to method of use of presently provided composition.

In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers, particularly of styrene by employing presently provided composition.

In still another embodiment, the present invention also relates to method of preparation of presently provided composition.

Abstract

Title of the Invention:-

Improved Amine Based Additive Composition for Control and Inhibition of Polymerization of Aromatic Vinyl Monomers, and Method of Use thereof.

The present invention relates to an improved amine based additive composition for control and inhibition of polymerization of aromatic vinyl monomers including styrene comprising one or more of the quinone methide or derivatives thereof, one or more of nitroxide compounds and further comprising one or more of aliphatic tertiary amines.

In one embodiment, the present invention also relates to method of use of presently provided composition.

In another embodiment, the present invention also relates to method of controlling and inhibiting polymerization of aromatic vinyl monomers, particularly of styrene by employing presently provided composition.

In still another embodiment, the present invention also relates to method of preparation of presently provided composition.