

ABSTRACT OF THE DISCLOSURE

A process for continuously producing a quaternary salt of a dialkylaminoalkyl (meth)acrylate by reacting a dialkylaminoalkyl (meth)acrylate with a gaseous quaternizing agent in an aqueous solution of a quaternary salt of a dialkylaminoalkyl (meth)acrylate. The process attains an improvement in the efficiency of the reaction of the gaseous quaternizing agent and inhibits acrylic acid from generating as a by-product. A dialkylaminoalkyl (meth)acrylate, a gaseous quaternizing agent, and water are fed to an aqueous solution of a quaternary salt of a dialkylaminoalkyl (meth)acrylate held in a reactor (11) to thereby react the dialkylaminoalkyl (meth)acrylate with the quaternizing agent. In this operation, the quaternizing agent is continuously supplied in the form of a bubble (2) having an average diameter of 100 μm or smaller.