

ABSTRACT

Provided is a method for producing a one-liquid
stabilized hypobromous acid composition which contains
5 substantially no bromate ions, has excellent sterilization
performance, exhibits almost no corrosiveness relative to
metals, and displays excellent storage stability. This
method for producing the stabilized hypobromous acid
composition includes a step in which a reaction is induced
10 by adding, under an inert gas atmosphere, bromine to a mixed
solution including water, an alkali hydroxide, and sulfamic
acid, wherein the proportion of bromine added is not more
than 25 wt% relative to the total weight of the composition.