

METHOD FOR PRODUCING STABILIZED HYPOBROMOUS ACID
COMPOSITION, STABILIZED HYPOBROMOUS ACID COMPOSITION, AND
SLIME INHIBITION METHOD FOR SEPARATION MEMBRANE

5

ABSTRACT

Provided is a method for producing a one-liquid
stabilized hypobromous acid composition which contains
substantially no bromate ions, has excellent sterilization
10 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
by adding, under an inert gas atmosphere, bromine to a mixed
15 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.

[No Figure]