

ABSTRACT
MICROBICIDAL AND ALGICIDAL COMPOSITION, MICROBICIDAL AND
ALGICIDAL PROCESS FOR A WATER SYSTEM AND PROCESS FOR
PRODUCING A MICROBICIDAL AND ALGICIDAL COMPOSITION

A microbicial and algicidal composition which comprises chlorine-based oxidizing agent and sulfamic acid or a salt thereof and has a pH of 13 or greater; a microbicial and algicidal composition which comprises a chlorine-based oxidizing agent, an azole-based compound and sulfamic acid or a salt thereof; a microbicial and algicidal process for a water system which comprises adding a chlorine-based oxidizing agent, an azole-based compound and sulfamic acid or a salt thereof to the water system; and a process for producing a microbicial and algicidal composition which comprises preparing an aqueous solution comprising at least sulfamic acid or a salt thereof and a pH regulator and, thereafter, adding a chlorine-based oxidizing agent to the prepared aqueous solution. Decomposition of effective components by the effect of ultraviolet light or copper ion is suppressed when the composition is left standing, stored or used outdoors.

(FIG.1)



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