

**MICROBIAL FLORA ACTIVATOR, ANTI-FILAMENTOUS FUNGI AGENT
COMPRISING SAID MICROBIAL FLORA ACTIVATOR AS ACTIVE INGREDIENT, AND
METHOD FOR TREATING WASTE WATER CONTAINING OIL, FAT, ETC. USING SAID
MICROBIAL FLORA ACTIVATOR**

ABSTRACT

The purpose of the present invention is to provide a microbial flora activator which can prevent the re-bonding of a dispersed oil, fat or the like and can activate microorganisms in an activated sludge treatment system; and a method for treating wastewater containing an oil, a fat or the like using the microbial flora activator. There is provided a microbial flora activator which contains 0.0005 wt% to 8 wt% of a polyoxyalkylene alkylether having a carbon number in a range of 13 to 22, and 0.0005 wt% to 2 wt% of a fatty acid dialkanolamide as the main components, and also contains water as a remainder. There is also provided a method for treating wastewater containing an oil, a fat or the like, which comprises the steps of introducing a microbial flora activator into raw water, removing the oil or the fat, which has been dispersed in the raw water by the action of the microbial flora activator, from the raw water together with other organic contaminants, and increasing a sedimentation property of activated sludge in an aeration tank and enhancing endogenous respiration caused by microorganisms in the activated sludge to achieve steady gravity separation without adding any flocculating agent.

[Figure 1]