

ANTI-FOAMING MAGNESIUM HYDROXIDE SUSPENSION

Abstract

The present invention relates to an aqueous magnesium hydroxide suspension comprising: a) at least 40 wt.%, relative to the total weight of the suspension, of magnesium hydroxide particles; b) from 0.001 to 5 wt.% relative to the total weight of the magnesium hydroxide of at least one dispersant and c) from 0.001 to 5 wt.%, relative to the total weight of the suspension, of at least one anti-foaming agent. The present invention further relates to the use of this aqueous suspension for the treatment of gas washing water in an on-board wet or semi-wet flue gas desulfurization system, the treatment of effluent at a municipal or industrial wastewater treatment plant, in industrial transformation processes or bioprocesses involving a fermentation or respiration process, or in the paper production process or in agriculture.

(No suitable figure)