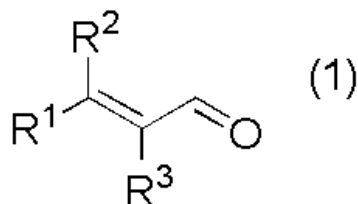


ABSTRACT

Provided is a composition for removing a sulfur-containing compound present in liquid or vapor, the sulfur-containing compound being hydrogen sulfide, an -SH group-containing compound or a mixture thereof, the composition containing an α,β -unsaturated aldehyde represented by the following general formula (1) as an active ingredient:



wherein R^1 and R^2 each independently represent an alkyl group having 1 to 10 carbon atoms, an alkenyl group having 2 to 10 carbon atoms or an aryl group having 6 to 12 carbon atoms, or are connected to each other to represent an alkylene group having 2 to 6 carbon atoms; and R^3 represents a hydrogen atom or an alkyl group having 1 to 5 carbon atoms, or is connected to R^1 to represent an alkylene group having 2 to 6 carbon atoms.