

## A method for purifying casing-head gas from hydrogen sulfide

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### Abstract

A catalyst for hydrogen sulfide oxidation has been obtained. This catalyst includes a complex compound with the formula  $MgCl_2 \cdot AlCl_3 \cdot 3Et_2O$  (where  $Et_2O$  – diethyl ether) based on a solid porous carrier. A series of experiments for studying its catalytic properties was carried out.