

METHOD FOR PRODUCING CATALYST FOR USE IN PRODUCTION OF
UNSATURATED ALDEHYDE AND/OR UNSATURATED CARBOXYLIC
ACID, AND METHOD FOR PRODUCING UNSATURATED ALDEHYDE
AND/OR UNSATURATED CARBOXYLIC ACID

5

ABSTRACT

A catalyst for use in the production of an unsaturated aldehyde
and/or an unsaturated carboxylic acid composed of a mixed oxide containing
10 molybdenum, bismuth and iron, which has improved methanical strength, is
produced by a method including the steps of (1) drying an aqueous solution
or an aqueous slurry containing raw materials of the catalyst and then
firstly calcining a dried product in a molecular oxygen-containing gas
atmosphere to obtain a calcined product; (2) heating the calcined product
15 obtained in Step (1) in the presence of a reducing material to obtain a
reduced product having a mass loss of 0.05 to 6%; and (3) secondly calcining
the reduced product obtained in Step (2) in a molecular oxygen-containing
gas atmosphere.