

ABSTRACT

Provided is a catalyst that is inexpensive and enables the production of methacrylic acid with high yield. A method for producing a methacrylic acid production catalyst that contains at least phosphorus and molybdenum and can be used in the production of methacrylic acid by the vapor phase catalytic oxidation of methacrolein with molecular oxygen, said method being characterized by comprising the steps of: (a) mixing and kneading a dried catalyst containing a catalyst component with a solvent to produce a kneaded product; (b) molding the kneaded production to produce a molded article; (c) drying the molded article to produce a dried molded article; and (d) firing the dried molded article to produce the catalyst, wherein at least a portion of the dried molded article produced in step (c) is used as at least a portion of the dried catalyst in step (a).