

ABSTRACT

Provided are: a carbon dioxide processing agent capable of fixing and decomposing carbon dioxide without the need for a heat treatment; and a method of producing a carbon dioxide processing agent, by which a carbon dioxide processing agent

5 containing an oxygen-deficient magnetite can be produced without the need for a heat treatment in a hydrogen gas atmosphere. The carbon dioxide processing agent contains a magnesium oxide, an oxygen-deficient magnetite, and a zeolite. The method of producing a carbon dioxide processing agent includes the steps of: mixing and stirring a magnetite and a zeolite to obtain a mixed powder in which pores of the zeolite are filled

10 with the magnetite; adding water to the mixed powder to obtain a mixture; and adhering a fine powder of magnesium oxide to the mixture and drying the resultant.