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ABSTRACT

The present invention is directed to a method of and an apparatus for adsorbing a gaseous hydrogenated compound or a gaseous halogenated compound to high-purity activated carbon under a storage environment at a pressure which is not more than atmospheric pressure and storing the adsorbed gaseous compound upon bringing the gaseous compound into contact with the activated carbon, and desorbing at least a part of the adsorbed gaseous compound and delivering the part to a work environment, wherein the activated carbon is treated by a series of steps comprising a step of adsorbing the gaseous hydrogenated compound or the gaseous halogenated compound upon bringing the gaseous compound into contact with the activated carbon in advance in a sealed space, a step of accelerating a reaction of a system passing through the adsorbing step, and a step of expelling the gaseous compound passing through the reaction accelerating step from the sealed space.