CLAIMS

[Claim 1]

An acidic-gas treating agent consisting of a powder mixture of comprising sodium hydrogencarbonate and an anticaking agent that inhibits caking of sodium hydrogencarbonate, the anticaking agent being carbon black, or carbon black and hydrophobic silica.

[Claim 2]

The acidic-gas treating agent according to any one of Claim 1, wherein the carbon black has an average particle diameter of 0.1 to 10 μm.

[Claim 3]

The acidic-gas treating agent according to any one of Claim 1 or 2, wherein the sodium hydrogencarbonate has an average particle diameter of 5 to 30 μm.

[Claim 4]

The acidic-gas treating agent according to any one of Claims 1 to 3, wherein the content of the anticaking agent is 0.1% to 2.0% by weight.

[Claim 5]

An acidic-gas treating method comprising adding the acidic-gas treating agent according to any one of Claims 1 to 4 to an exhaust gas including an acidic gas.

[Claim 6]

An anticaking agent that inhibits caking of sodium

hydrogencarbonate, the anticaking agent comprising carbon black, or carbon black and hydrophobic silica.