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ABSTRACT

Disclosed are a chemical carrier body capable of volatilizing a chemical stably for an extended period of time, a receptacle for retaining the chemical carrier body, an indicator adapted for displaying a degree of consumption of a chemical contained in the chemical carrier body, and a chemical heating, volatilizing apparatus adapted for heating the chemical carrier body.

The chemical carrier body is smaller in plane size than the heat releasing surface of a heater element used and has a thickness of 3 mm or more, and its percentage loss of heat L derived from its heating temperature h and its lowest temperature t by the formula: $L = [(h - t) / h] \times 100$ is 70 % or less.

The chemical carrier body retaining receptacle is provided with at least one vent hole and has its inner surface spaced from the carrier body by a distance of 1 to 10 mm.

The indicator has a mark gradually disappearing and a mark gradually appearing with the lapse of time of heating.

The chemical heating, volatilizing apparatus has a heater element that is larger in size than the bottom surface of the chemical carrier body retaining receptacle and whose heat releasing surface is inclined at an angle of 0 to 70 degrees with respect to the plane on which the apparatus is placed.