

ABSTRACT OF THE DISCLOSURE

The present invention provides a hydrogen peroxide solution for sterilization which has a hydrogen peroxide concentration of 30 to 45 % by weight, an Fe concentration of 2 ppb or less and an Al concentration of at least 15 ppb and in which a concentration of a stabilizer comprising orthophosphoric acid is 40 ppm at the most. The above hydrogen peroxide solution for sterilization is used for sterilizing vessels filled with beverages and foods and packaging materials in an aseptic filling equipment. The above hydrogen peroxide solution for sterilization has less evaporation residue, does not clog a narrow piping part such as a spray nozzle and therefore makes it possible to stably operate an aseptic filling equipment. Further, an austenite base stainless material can be used as a material for the transporting facilities and the tanks.