

ABSTRACT OF THE DISCLOSURE

IODINE/RESIN DISINFECTANT
AND
A PROCEDURE FOR THE PREPARATION THEREOF

The present invention relates iodine demand disinfectants. It in particular relates to a process for preparing a
10 polyiodide-resin for use as a iodine demand disinfectant wherein a porous strong base anion exchange resin in a salt form, is contacted with a material capable of donating a member absorbable by the resin so as to convert the resin to the polyiodide-resin. The adsorbable member is selected from
15 the group comprising I_2 and polyiodide ion having a valence of -1. The process is characterized in that conversion of the anion exchange resin to the polyiodide-resin is effected at elevated temperature and elevated pressure, the elevated temperature being 100° C or higher, the elevated pressure
20 being greater than atmospheric pressure. The present invention also relates to a disinfectant substance comprising an iodine (impregnated) resin as produced by the above process.

This Sheet Has Been Replaced

