

ABSORBABLE DUSTING POWDER DERIVED FROM STARCH**ABSTRACT**

5 Absorbable dusting powders suitable for medical
applications such as lubricating surgical gloves are prepared
by treating starch with a hypochlorite to remove protein and
oxidize some of the hydroxyl groups, and partially cross-
linking the hypochlorite-treated starch with phosphorus
10 oxychloride. The modified starch dusting powders are free
flowing and are characterized by a protein content of less than
about 0.15% by weight, hydroxyl groups oxidized to a level of
from about 0.5 to about 0.05% by weight and a degree of cross-
linking of other hydroxyl groups characterized by bound
15 phosphorus levels of from about 200 to about 1200 ppm.

11/21/90

20

25

This Sheet Has Been Replaced

