



Perry Fiberglass Products, Inc.

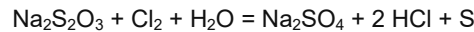
LEADERS IN THE DESIGN AND MANUFACTURING OF DUCTWORK, CARBON ADSORBERS, SCRUBBERS, FANS, PIPING, & TANKS

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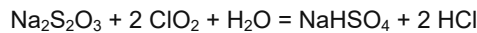
CHLORINE DISABLER SYNTHETIC MEDIA Technical Data Sheet

About CHLORINE DISABLER SYNTHETIC Media:

CHLORINE DISABLER SYNTHETIC MEDIA is used to remove chlorine or chlorine dioxide from air streams. These air streams are typically generated by bleach plants in pulp and paper facilities, chemical, fresh and waste water treatment plants. The chemisorption taking place in the removal of the pollutant gas with its' reaction with sodium thiosulfate. Perry impregnates the zeolite substrate with no less than 2.40 pounds of sodium thiosulfate. The reaction of sodium thiosulfate with chlorine results in the formation of hydrochloric acid, see the following chemical reaction:



The reaction of the sodium thiosulfate with chloride dioxide is as follows:



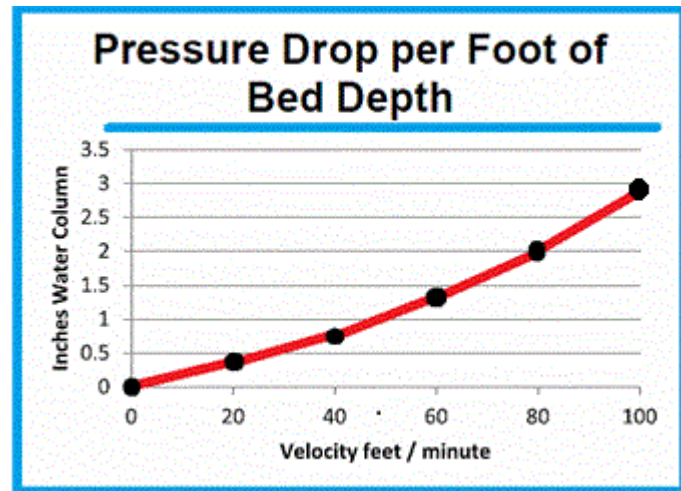
This material is not listed as a hazardous waste and should be disposed of according to federal, state and local regulations.

Applications:

- Industrial Process Plants
- Plant and Bleach Plants
- Water Treatment Plants

TYPICAL PHYSICAL PROPERTIES / SPECIFICATIONS:

Minimum sodium thiosulfate impregnated media	2.4 lbs / ft ³
Density	60 lb/ft ³
Mesh Size	4 x 8
Minimum Moisture Content min.	15%
Zeolite	81.3 - 84.3%
Sodium thiosulfate	5 - 7%
Water	11.7 - 13.7%
Maximum media temperature	182° F



Product Advantages:

- NO chance of bed FIRE unlike other medias.
- Longer service life unlike other activated carbon products.
- Shipped in 60lb and 2,000 lb supersacks
- Proven Results



PERRY CHLORINE DISABLER SYNTHETIC MEDIA

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