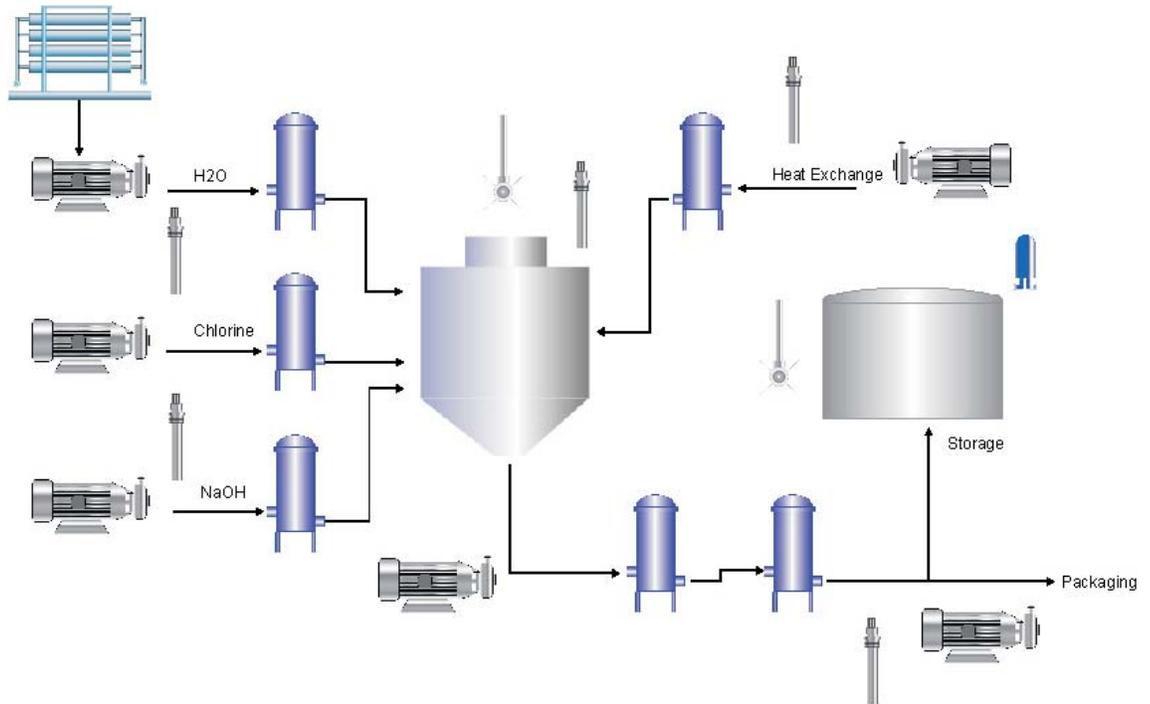


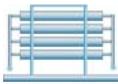
# CLASSIC

FILTER & EQUIPMENT LTD

## BLEACH



### PRODUCTS



Membrane Systems



Sensors



Pumps



Cleaning Systems



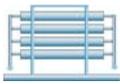
Filter Housings



Vent Filters

### PROCESS DESCRIPTION

Sodium Hypochlorite bleach is produced by mixing Chlorine, Sodium Hydroxide and water. This process is exothermic and must be temperature controlled to maintain process safety and product quality. Once the product is finished through the manufacturing process, it is typically sent to either packaging or storage



Process water is often purified through the use of Membrane systems to provide consistent high water quality to the manufacturing process. Classic Filter and Equipment offers replacement RO, UF and NF membranes and membrane housings. We, also, offer softener salt and ion-exchange resins that may be used in addition to membrane systems.



Pumps are used throughout the manufacturing process to move raw materials and finished product from one stage of the process to the next. At Classic Filter and Equipment, we offer centrifugal and AODD style pumps to meet your pumping needs.



Filters are, also, used throughout the manufacturing process. Raw materials are filtered to remove impurities that would adversely affect the manufacturing process and the finished product quality. Once the manufacturing process is complete, the product is typically filtered to remove particulate contamination prior to storage and packaging. Classic Filter and Equipment can provide a variety of filters and filter vessels to handle this type of application.



Since this process is exothermic, care must be taken to maintain reaction temperatures at proper levels. This can be done with the use of heat exchange equipment. The heat exchange fluid should be filtered to maintain a high level of cleanliness to make sure that heat exchange surfaces do not corrode or become clogged. Classic Filter and Equipment can provide a variety of filters and filter vessels to handle this type of application.



pH and Conductivity Sensors are used throughout the manufacturing process to both monitor and control process conditions. our Hamilton sensors offer the very latest in sensor technology providing you with accurate and reliable information to maintain your process at top efficiency.



Reactors and storage tanks are routinely cleaned between batches of product. Classic Filter and Equipment offers static, rotating and insertion cleaning systems that handle the most demanding applications.



Vent filters are used on tanks to remove contaminants generated during the blow-down process. Whether the tank is vented to atmosphere or a closed system, it is vital to remove contaminants that might be harmful to plant personnel or plant equipment.

**CLASSIC FILTER AND EQUIPMENT, LTD.**

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