

QUATERNARY AMMONIUM COMPOUNDS



Quaternary ammonium compounds, also known as quats, are used as disinfectants in restaurants, hospitals and homes. They are also used as surfactants, fabric softeners, and anti-static agents in products like shampoo.

QUATERNARY AMMONIUM COMPOUND APPLICATIONS:

- Railcar unloading of feedstocks
- Transfer of process intermediaries
- Transfer of finished products

VIKING IN THE PROCESS:

Viking pumps are used throughout the quaternary ammonium compound manufacturing process. They are used in moving the raw ingredients such as oils and fats from the railcars to the plant. Viking pumps are used in the quaternization process to move liquids like long chain hydrocarbons and amines. They are also used in the blending and final packaging of the finished product like disinfectants. Viking pumps are able to handle a wide range of viscosities, have no pulsation, and flow rate can be adjusted easily with a variable frequency drive.



**Brown Brothers
Engineers Ltd**

0508 4 BBENG

www.brownbros.co.nz

SUGGESTED PUMPS*:

4127A SERIES™



- 316 Stainless Steel
- Cartridge lipseal sealing options
- Capacities to 320 GPM

1127A SERIES™



- 316 Stainless Steel
- O-Pro™ Guard seal
- Abrasive resistant sealing option
- Capacities to 320 GPM

4724 SERIES™



- 316 Stainless Steel
- High viscosity & abrasive resistant sealing options
- Capacities to 110 GPM

* Higher capacities, pressures and alternate materials available.

VIKING PUMP®