**Physical Chemical Properties**

- **Resin Composition:** Macroporous polystyrene crosslinked with divinylbenzene
- **Ionic Form as Shipped:** Sodium (Na+)
- **Physical Form:** Spherical particles
- **Moisture Content (Na+ Form):** 46 to 51%
- **Total Capacity (Na+ Form):** 1.75 eq/l
- **Odor and Taste:** None
- **Net Weight (as shipped):** 50 lbs per cubic foot
- **Particle Size:** 16 to 50 mesh
- **Uniform Coefficient:** 1.7 maximum

**Recommended Operating Conditions**

- **Influent pH:** 1 to 14
- **Maximum Temperature:** 300 °F
- **Bed Depth:** Minimum 24”
- **Service Flow Rate:** 2 US GPM per cubic foot
- **Backwash Flow Rate:** See Fig. 2
- **Regenrate:** Sodium Chloride (NaCl)
- **Regenrate Strength:** 10%
- **Regenrate Flow Rate:** 0.3 to 1.0 US GPM per cubic foot of resin
- **Regenrate Dosage Level:** See Fig. 3
- **Slow Rinse (Displacement) Flow Rate:** 0.3 to 1.0 US GPM per cubic foot of resin
- **Rinse Water Requirements:** 25 to 75 US GPM per cubic foot
- **Exchange Capacity:** See Fig. 3
- **Reverse Swelling H+ to Na+:** 3% maximum

**C-800MP Features**

- **Macroporous Structure**
  The macroporous structure of Aldex C-800MP make it possible to incorporate a higher level of divinylbenzene into the copolymer matrix than is possible with standard gel type resins. This results in a resin which has greater stability when exposed to oxidizing conditions such as high temperatures, iron and the presences of oxidizing agents.
- **High Physical Stability**
  The macroporous structure with high divinylbenzene content and uniform particle size provides greater resistance to bead breakage.
- **Low Pressure Drop**
  The uniform particle size of 98%+ in the 16-50 mesh size range gives Aldex C-800MP a lower pressure drop while maintaining the superior kinetics of standard mesh resin.

**Safety Information**

A material safety data sheet is available for Aldex C-800MP. Copies can be obtained from Aldex Chemical Co., LTD. Aldex C-800MP is not a hazardous product and is not WHMIS controlled.

Caution: Acidic and basic regenerant solutions are corrosive and should be handled in a manner that will prevent eye and skin contact. Before using strong oxidizing agents in contact with ion exchange resin, consult sources knowledgeable in the handling of these materials.