



# Technical Data Sheet

## EPI-DMA Polyamine Products

USALCO EPI-DMA polyamines (Poly Dimethylamine-CO-Epichlorohydrin) products are cationic polyquaternary amines that range from 49% to 56% solids. Viscosities range from as low as 100 cps to as high as 9,000 cps with a variety of molecular weights. They are effective as a flocculants and coagulants in raw water/wastewater clarification. They are also beneficial as a filter aid in treating raw water/wastewater. USALCO EPI-DMA polyamines products are certified to NSF/ANSI/CAN Standard 60 up to 10 mg/L in potable water and meet ANSI/AWWA Standard B452-14.

### PROPERTIES

Chemical Formula:	(C <sub>5</sub> H <sub>12</sub> NOCl) <sub>n</sub>
Solubility in water:	100%
Product Weight:	9.33 – 9.67 Lbs./Gal

### SPECIFICATIONS

pH (neat):	2.7 – 7.5
Appearance:	Amber Liquid
Specific Gravity @60°F:	1.12 – 1.16
Brookfield Viscosity (25° C), cps:	100 – 9,000
%Solids:	49 – 56%

### PRINCIPAL USES

Drinking water / wastewater treatment – removal of suspended matter, filter aid.

### SAFETY / HANDLING

Caution spills may be extremely slippery. Please consult the safety data sheet (SDS) for safety and handling precautions.

### DELIVERY

275-gallon and 330-gallon IBCs (totes), 55-gallon drums, tank trucks and railcars

### PRODUCTION

USALCO has production facilities in:

- Centreville, Mississippi

### CUSTOMER SERVICE

If you have any questions concerning this material, please contact our Inside Sales Department at:

**410-918-2230** or **info@usalco.com**