

## PMA SCALE INHIBITOR

### Features

- Polymaleic acidhomopolymer (PMA)
- Manufactured in United States for Over X years.
- Tight molecular weight distribution Insures high performance products.

### Applications

- Generally used at 2 – 20 ppm depending on the application, and overall formulation used.
- Excellent to prevent the initial formation of scale crystals increases the saturation index.
- Excellent for modification of crystal growth formation if the increased saturation index is surpassed. This crystal growth modification minimizes the scale build up over time.
- Can be used over a wide pH range where waters are scaling, and are halogen stable.

### Usage

Recommended dose rate varies depending on the application and severity of contamination. The normal concentration range to effectively decontaminate a system is from 1 ppm to 500 ppm. (Refer to product label for treatment rates for specific applications.)

### Packaging and Storage

- Packaged in bulk, IBC (2625/2646/2750lb), and drums (425/525/551lb).
- Shelf life: 12 months
- Should be protected from freezing during storage.
- Storage Conditions: Between 40F and 120F
- Should product freeze, slowly warm to above 50 °F and agitate before using to ensure proper product performance.
- Keep out of direct sunlight

### Physical Properties

|                             |                        |
|-----------------------------|------------------------|
| Appearance                  | Yellow to Amber Liquid |
| Total solids                | 47.0 – 53.0%           |
| pH                          | <2.0                   |
| Brookfield viscosity @ 20°C | <50cPs                 |
| Molecular weight            | ~ 750                  |
| Residual Maleic Acid        | <1.5%                  |