

## M 20

## Acrylic Polymer

### PRODUCT FEATURES

M 20 is low molecular weight polyacrylic acid, homopolymer. It is highly effective as Dispersant and Scale Inhibitor in Industrial Water Treatment. It inhibits deposition of Ca / Mg Salts (Carbonates, Sulphates), Barium Sulphate and other low solubility salts (scales) on surfaces. The low molecular weight polymer shows good activity over wide range of pH, high hardness and temperature without precipitation. Apart from thermal stability product has good stability to oxidizing agent like chlorine. The product is non-phosphorus, non-foaming dispersant; hence it has good environmental acceptability.

### SPECIFICATIONS

Appearance : **Dark Yellow Coloured Liquid**  
pH : 6.0 – 8.0  
Solid Content : 50 ± 2%  
Density (gms/ml at 25°C) : 1.25 – 1.35  
Solubility in Water : Freely Soluble as all use levels

### MAJOR BENEFITS

M 20 confers following application benefits:

High Sequestration Value lowers dose level and offers better 'Cost Economics'

It inhibits build up of scale by –

Solubility enhancement

Crystal Growth Modification and

Dispersion property of low molecular wet polymer structure.

M 20 is very widely used in industrial water treatment as Dispersant and Scale Inhibitor.

### SAFETY AND HANDLING

M 20 is generally safe but avoid contact with eyes & skin. Do not take internally. Gloves and goggles should be used while handling the product.

### STORAGE

M 20 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

### PACKING

M 20 is available in 50 Kgs plastic/ 200 Kgs plastic drums.