

## MAXINOL 4003

## Acrylic copolymer

### PRODUCT FEATURES

MAXINOL 4003 is low molecular weight polymeric dispersant. It is highly effective as dispersant and scale inhibitor in industrial water treatment and cooling water treatment as well as in all types of water based formulations. It inhibits deposition of phosphate and zinc salts 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 and has good environmental acceptability.

### TYPICAL SPECIFICATIONS

Appearance : **Clear colourless to pale yellow liquid**  
Nature : **Acrylic copolymer**  
Grade : **Acid**  
pH : **<3.5**  
Solid Content : **25 ± 1%**  
Density (at 25<sup>o</sup>C) : **1.05 ±0.05 gm/cc**  
Solubility in water : **Freely Soluble**

(These are typical values and not the final specifications)

### MAJOR BENEFITS

MAXINOL 4003 is very widely used in industrial water treatment as dispersant and scale inhibitor. It inhibits build up of scale by solubility enhancement, crystal growth modification and the dispersion property of the low molecular wet polymer structure.

### SAFETY AND HANDLING

MAXINOL 4003 is generally safe but avoid contact with eyes and prolonged contact with eyes. Do not take internally. In case of contact with skin, wash with plenty of water. In case of contact with eyes, flush with water and get prompt medical attention. Gloves and goggles should be used while handling the product.

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**STORAGE**

MAXINOL 4003 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

**PACKING**

MAXINOL 4003 is available in 50Kgs carbouy/ 200Kgs polydrums

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