

## MAXINOL 5160

## Phosphino carboxylic acid

### PRODUCT FEATURES

Maxinol 5160 is low molecular weight phosphino carboxylic acid. It is highly effective as dispersant and scale Inhibitor in oil field applications, cooling water treatment and boiler water treatment. It inhibits deposition of Ca / Mg salts (carbonates, sulfates and phosphates), Barium sulfate and other low solubility salts, which are responsible for deposition of scales. 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. Maxinol 5160 is also effective in transporting iron oxide scales. Maxinol 5160 can be monitored with conventional analytical methods.

### SPECIFICATIONS

Appearance	: Clear colourless to pale yellow liquid.
Nature	: Phosphino carboxylate
Grade	: Partial sodium salt
pH (as is)	: 3.0-5.0
Solid Content	: 50.0 ±3.0%
Density at 25 °C	: 1.20-1.28 g/ml
Avg. Mole. Weight	: Approx. 4000
Brookfield viscosity cP at 25°C	: 100-400

(These are typical values and not specifications)

### MAJOR BENEFITS

Controls carbonate, sulfate and phosphate scales in diverse applications.  
Effective in presence of iron.  
Effective at high temperature and pressure conditions.  
Effective in highly saline conditions.

### SAFETY AND HANDLING

Maxinol 5160 is generally safe but avoid contact with eyes and skin. Do not take internally. Gloves & goggles should be used while handling the product. Please refer MSDS for detailed information.

### STORAGE

Maxinol 5160 is non-flammable, non-combustible. It should be stored under shade.

### PACKING

60 kg carboys, 250 kg barrels and 1200 kg IBCs.