

## MAXINOL 70

## PAPER PULP ADDITIVE

### PRODUCT FEATURES

MAXINOL 70 is an organophosphonate based product, specially designed with multifunctional properties like metal complexation, deflocculation at threshold quantities. MAXINOL 70 has excellent hydrolytic stability at wide range of pH and at high temperature. Because of the combination of these properties MAXINOL 70 has a wide range of applications in paper and pulp industry. One of the most important applications is during cooking of pulp in digester.

### SPECIFICATIONS

Appearance	: Clear pale yellow aqueous solution
Solid content	: 30-32 %
Specific gravity (g/ml) 25/25°C	: 1.30 ± 0.04
pH (1% solution)	: 10 – 12
Solubility	: Soluble in water

(These are typical values and not the final specifications)

### MAJOR APPLICATIONS

MAXINOL 70 is recommended to use in kraft pulping mills as a special additive in digester to achieve higher yield, shorter cooking times and better bleaching responses. MAXINOL 70 facilitates penetration of chemicals into chips and removal of lignin from chips. Besides it also helps in subsequent step of bleaching as it chelates all metal impurities which otherwise could hamper the bleaching efficiency. MAXINOL 70 shows significant reduction in cooking time which means saving in operating costs. KAPPA Number is reduced to targeted figures by using 0.1-0.2% of MAXINOL 70. Besides it also helps in reducing rejects due to better delignification, which contributes to increase in yield.

### HANDLING PRECAUTIONS

MAXINOL 70 is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to the skin and corrosive to the eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush the affected area with plenty of water. Goggles and rubber gloves should be used at all times when working with the concentrated material.

### PACKING

275 Kgs Polydrum