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**Aquapharm Chemicals Pvt. Limited**

## MAXINOL 5400

## Terpolymer

### PRODUCT FEATURES

MAXINOL 5400 is low molecular weight carboxylate sulfonate copolymer. It is used in water treatment formulations to provide optimum dispersancy for all particles in various applications. It also works as a strong dispersant, holding the Silt and other suspended solids in suspension and preventing fouling. It offers higher solubility for salts, works as a crystal modifier and has higher dispersing activity.

### SPECIFICATIONS

Appearance	:	<b>Clear to slight yellow liquid.</b>
Nature	:	<b>Carboxylate/sulphonate/Nonionic Terpolymer</b>
	:	
pH (as is) at 25 <sup>0</sup> C	:	2.5-4.0
Density at 25 <sup>0</sup> C	:	1.15-1.20 gm/cc
Total Solids (%) .	:	43.5 ± 0.5%
Brookfield viscosity at 25 <sup>0</sup> C	:	150 – 400 cps
Solubility in Water	:	Freely soluble at all use levels (These are typical values and not the final specifications)

### MAJOR BENEFITS

Excellent dispersions due to sulphonate groups, carboxylate groups and nonionic groups. These different groups offer different properties such as adsorption on the particle, ionic repulsion and steric repulsion thus preventing settling offers effective dispersions. Excellent thermal & chemical stability offering increased shelf life. High Iron tolerance.

### SAFETY AND HANDLING

MAXINOL 5400 is generally safe but avoid contact with eyes and skin. Do not take internally. Gloves and goggles should be used while handling the product.

### STORAGE

MAXINOL 5400 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

### PACKING

MAXINOL 5400 is available in 50 Kgs plastic carbouy / 250 Kgs polydrums / 1250 Kgs of IBC