

## AQUACID 600

## Sequestering agent

### PRODUCT FEATURES

AQUACID-600 is an organophosphonate with multifunctional properties like sequestration, deflocculation, threshold inhibition and hydrolytic stability, as a single active ingredient. Because of the combination of these properties AQUACID-600 has a wide range of applications. One of the most important applications is in textile as sequestering agent for various steps of textile processing

### SPECIFICATIONS

Appearance	: Clear colourless to pale yellow aqueous Solution
Solid Content	: 60 ± 2%
Specific gravity	
25°C	: 1.47 ± 0.02
pH (1% solution)	: Less than 2
Iron Content (ppm)	: < 20
Solubility	: Soluble in water
Sequestration	: 580-600 (at pH 11)
(mg of CaCO <sub>3</sub> /gm of product)	

(These are typical values and not the final specifications)

### MAJOR APPLICATIONS

It is used as a strong chelating agent for metal ions like Ca, Mg & Fe in water treatment, textile applications. They show efficient inhibition for CaCO<sub>3</sub> & CaSO<sub>4</sub> alone or in combination with low molecular weight polymers. They show efficiency in protecting metal corrosion.

### HANDLING PRECAUTIONS

AQUACID-600 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

65 Kgs Carbouy / 275 Kgs Polydrum.