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## MAXINOL 342

## Organophosphonate

AMMONIUM SALT OF 1-HYDROXY ETHYLIDENE-1, 1-DIPHOSPHONIC ACID

### PRODUCT FEATURES

MAXINOL 342 is an Organophosphonate based sequestering agent for use in aqueous systems where metal ion impurities interface with performance.

MAXINOL 342 exhibits multifunctional properties like sequestration, threshold inhibition of metal ions and ability to disperse solid materials that is deflocculation. The excellent hydrolytic stability of this product gives resistance to decomposition in aqueous solutions even at elevated temperatures and extremes in pH.

MAXINOL 342 is a superior sequestering agent as compared to other sequestrants like EDTA, NTA & STPP.

### SPECIFICATIONS

(These are typical values and not final specifications)

Chemical Name	: Ammonium salt of 1Hydroxy Ethylidene 1,1Diphosphonic Acid
Appearance	: Colourless to Pale Yellow Liquid
Solid content	: 36 ± 1.5%
pH (1% solution)	: 6.5 – 7.5
Density (gms/ml at 25 <sup>0</sup> C)	: 1.19 – 1.25
Sequestration (Min.)	: 235
<small>(mg of CaCO<sub>3</sub>/gm of Product)</small>	
Solubility in Water	: Soluble at all proportions

### HANDLING PRECAUTIONS

MAXINOL 342 is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to skin and corrosive to the eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush the affected areas with plenty of water. Goggles and rubber gloves should at all time while working with the concentrated material.

### PACKING

MAXINOL 342 is available in 60/ 250 Kgs polydrums