Technical Data Sheet

WATER CARE: CATIONIC POLYMER SERIES

OMEGA CP-1162
A High Molecular Weight Cationic Polymer
SALES FEATURES

- **OMEGA CP-1162** is a high molecular weight, cationic, liquid polyacrylamide.

- When utilized as a primary coagulant, **OMEGA CP-1162** is effective in reducing sludge volume versus the application of traditional inorganic coagulants such as calcium chloride, ferrous sulfate, etc..

- **OMEGA CP-1162** is effective as a solids neutralization agent under a wide pH window of 2 to 13 units.

- Neutralizes waste streams with wetting agents, surfactants, and those with net 'anionic' charge differentials.

- Effective as a sludge conditioner and dewatering enhancer.

- Can be used as a primary coagulant, reducing the need for inorganic chemicals to neutralize metal bearing waste streams, thereby decreasing overall sludge volume.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Type:</th>
<th>Cationic polyacrylamide</th>
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<tbody>
<tr>
<td>Form:</td>
<td>Liquid</td>
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<tr>
<td>Charge:</td>
<td>Highly cationic</td>
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<tr>
<td>Molecular Weight:</td>
<td>High</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Hazy clear to amber solution</td>
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<tr>
<td>Odor:</td>
<td>Amine like odor</td>
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<tr>
<td>pH: (of concentrate)</td>
<td>4 to 7.5</td>
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<tr>
<td>Density:</td>
<td>1003 gm./l (8.36 lb./gal.).</td>
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DOSAGE RANGE AND FEED METHODS

The **OMEGA CP-1162** dosage range is directly proportional to the charge/volume of the suspended solids being treated. On line testing is recommended to determine optimum dosage values.

**OMEGA CP-1162** can be fed as a concentrate, or at any desirable dilution which may be required.

Pump and feed lines should be of a plastic composition, i.e., PVC, polystyrene, etc. Any metallic based material is incompatible with **OMEGA CP-1162**.
## SAFETY AND HANDLING

*OMEGA CP-1162* should not come in contact with skin, eyes, or hair. Use appropriate safety equipment to prevent contact. If contact does occur, flush area with water for 15 minutes. Seek medical attention if irritation develops. If eye contact occurs, flush eyes with water for 15 minutes and seek medical attention.

This product is incompatible with strong oxidizing agents, reducing agents, and anionic compounds. *OMEGA CP-1162* should be handled with chemical resistant gloves, goggles, and face shield.

## CONTAINER SIZE AND SHIPPING

*OMEGA CP-1162* is available in 275 gallon totes, 55 gallon drums, and 5 gallon containers.

EU sizing: 1040 Liter totes, 208 Liter drums, and 19 Kg containers

## ENVIRONMENTAL CONCERNS

*OMEGA CP-1162* contains no regulated hazardous ingredients. As with any chemical application for waste treatment, conform to all applicable regulatory criteria.