Section I

Walter Louis Chemicals
530 South 5th Street, Quincy, IL 62301-4896
Phone: 217/223-2017
CHEMTREC EMERGENCY: 800/424-9300

Trade Name and Synonyms: PAC-50
Chemical Name and Synonyms: Flocculent
Proper Shipping Name: Flocculent
Hazard Class: Non-Hazardous
ID Number: N/A
Label requirement: None
Reportable Quantity:

Section II – Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percent</th>
<th>TLV</th>
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<tbody>
<tr>
<td>None Listed</td>
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Section III – Physical Data

Boiling Point – N 100
Solubility in water: Complete
Specific Gravity – 1.34
Appearance and Odor -- Clear colorless liquid with no odor
pH(1%) – 4.5

Section IV – Fire and Explosion Hazard Data

Flash Point – None
Extinguishing Media – Non-Flammable Liquid
Special Fire Explosion Hazards – A self-contained breathing apparatus should be worn by fire fighting personnel.
Unusual Fire and Explosion Hazards – N/A

Section V – Health Hazard Data

Threshold Limit Value – 2 MG/m3
Effects of Overexposure: Repeated or prolonged exposure may cause skin and eye irritation. Highly toxic if swallowed.

Emergency and First Aid Procedures – Skin: Remove contaminated clothing. Wash skin with soap and water for 5 minutes. Eyes: Flush eyes with copious amounts of water for at least 15 minutes.
Section VI – Reactivity Data

**Stability:** Unstable

<table>
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<th>Stable (X)</th>
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<tr>
<td>Conditions to avoid:</td>
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**Incompatibility:** Avoid contact with alkalis. Precipitates aluminum hydroxide.

**Hazardous Decomposition Products:** At temperatures > 500 F, Hydrogen Chloride gas will be liberated.

**Hazardous Polymerization**

<table>
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<tr>
<th>May occur</th>
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<tbody>
<tr>
<td>Will not occur (XX)</td>
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Section VII – Spill or leak Procedure

**Steps To Be Taken In Case of Material Spilled or Released:** Dike and absorb spill with inert material such as sand, earth, or vermiculite and transfer to a suitable container for disposal. Flush area with water.

**Waste Disposal Method:** Incinerate in a furnace or bury in an approved landfill according to state, local regulations. Dispose of as a hazardous waste in accordance with local, state and federal regulations.

Section VIII – Special Protection Information

**Respiratory Protection** -- None required in normal use.

**Ventilation** -- Local exhaust is preferred

**Protective Gloves:** Rubber

**Eye Protection** -- Face shield or chemical safety goggles

**Other:** Rubber apron and rubber boots

Section IX – Special Precautions

**Precautions to be taken in Handling and Storing** – Keep container closed when not in use. Wash hands thoroughly after handling chemical.

**Other:**

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Revised Date: November, 2003

Prepared By: MSDS Coordinator