1. Product Identification

Product Code: 5644
Product Description: Texture Dispersing Reagent

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Hazard</th>
<th>CAS#/Name</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>13472-36-1 Sodium Pyrophosphate, 10-Hydrate (Tetrasodium Pyrophosphate)</td>
<td>2</td>
<td>N/E</td>
<td>5 mg/cubic m</td>
</tr>
<tr>
<td>No</td>
<td>7732-18-5 Water</td>
<td>to 100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Hazards Overview

Primary Route Of Entry: Ingestion  Skin
May be irritating to skin. May be harmful if swallowed.

HMIS Hazard
Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1= Slight, 0 = Least
Health: 1  Flammability: 0  Reactivity: 0

Carcinogenicity: None

Other Health Related Comments:
4. First Aid Measures

Eye Contact: Flush thoroughly with water.

Skin Contact: Flush thoroughly with water.

Ingestion: Do not induce vomiting. Give plenty of water. Consult physician.

Inhalation: N/A

5. Fire Fighting Measures

Flash Point (Method Used): N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Neutralize with vinegar or other dilute acid. Mop up and flush down drain with excess water.

7. Handling & Storage

Store in cool, dry area.
8. Exposure Controls/Personal Protection

Ventilation
Normal

Protection When Handling
Eye Protection  Gloves  Lab Coat

Work/Hygienic Practices:  Avoid contact with skin.  Wash after handling.

9. Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Colorless Liquid</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>10 - 10.5</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&lt;1 (Air=1)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt;17 mm Hg @ 20 deg C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>ca. 100 deg C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
</tbody>
</table>

10. Stability & Reactivity

Stable:  Yes

Conditions To Avoid:  N/A

Incompatibility (Materials To Avoid):  N/A

Hazardous Decomposition Products:  POx

11. Toxicological Information

Oral rat LD50: 4000 mg/kg for sodium pyrophosphate, anhydrous. #5644 solution is alkaline, and may cause nausea and diarrhea if large amount is swallowed.

Target Organs:  GI System  Skin
12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Neutralize and flush down drain with excess water. Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Chemical Inventory Status</th>
<th>--- SARA 302 ---</th>
<th>------- SARA 313 -------</th>
<th>RCRA 261.33</th>
<th>TSCA 8(D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7722-88-5 Sodium pyrophosphate, anhydrous</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>7732-18-5 Distilled Water</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### --- SARA 311/312 --- Hazard Categories --- Australia ------ Hazchem Code Poison Schedule This MSDS Is WHMIS Compliant

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactivity</th>
<th>Hazchem Code</th>
<th>Poison Schedule</th>
<th>WHMIS Compliant</th>
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<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>No</td>
</tr>
<tr>
<td>7732-18-5 Distilled Water</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>No</td>
</tr>
<tr>
<td>Product 5644 as a whole</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### 16. Other Information

**Prepared By:** IP, Regulatory Affairs Department

**Revised:** 7/31/2006