TA Instruments Inc.

MATERIAL SAFETY DATA SHEET

For Chemical Emergency
24 Hours per Day 7 Days per Week
Call CHEMTREC 800-424-9300
Outside N. America 703-527-3887 (collect)

1. Identification of the Substance/Preparation:
   Product Name: Conditioner
   Date of Prep: 30 January 2007

2. Composition/Information on Ingredients:
   Water solution of poly (oxyethylene (dimethylamino) ethylene (dimethylamino) ethylene dichloride
   water solution of BuBond® 60

<table>
<thead>
<tr>
<th>CHEMICAL INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>EC NUMBER</th>
<th>% BY WT.</th>
<th>EXPOSURE LIMITS</th>
<th>EU LABEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>&lt;0.01%</td>
<td>OSHA</td>
<td>ACGIH</td>
</tr>
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<td></td>
<td>N/A</td>
<td>N/A</td>
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</table>

   Notes:

3. Hazards Identification: Not available

4. First Aid Measures:
   Inhalation: Remove to fresh air.
   Skin Contact: Wash with soap and water.
   Eye Contact: Immediately flush with water for a minimum of 15 minutes.
   Ingestion: Get medical attention. Do not induce vomiting. Do not give fluids by mouth.

   After following first aid measures, seek medical attention.

5. Fire-Fighting Measures:
   Flammable Properties: Flash point >100°C (212°F)
   Extinguishing Media: Water spray, carbon dioxide, dry chemical
   Unique Aspects Contributing To a Fire:
   Special Fire Fighting Procedures:
     Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

6. Accidental Release Measures: Block routes to water system


8. Exposure Controls/Personal Protection:
   Handle in accordance with good laboratory practices.
   Respiratory Protection: Not normally needed. If exposure limits are exceeded, use approved respirator.
   Eye Protection: Safety glasses with side shields.
   Skin Protection: Neoprene or other chemical resistant gloves. Disposable nitrile are acceptable for light intermittent exposure.
   Engineering Controls: No special requirements. Handle in an area with good general room ventilation.
9. PHYSICAL AND CHEMICAL PROPERTIES OF ACTIVE INGREDIENT:

<table>
<thead>
<tr>
<th>Physical State: Liquid</th>
<th>Flash Point: &gt;100°C (212°F)</th>
<th>Vapor Pressure: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor: Mild</td>
<td>Explosion Limits: N/A</td>
<td>Vapor Density (air=1): N/A</td>
</tr>
<tr>
<td>pH: 7</td>
<td>Boiling Point: &gt;100°C (212°F)</td>
<td>Solubility in Water: Completely</td>
</tr>
<tr>
<td>Specific Gravity: 1.15g/L</td>
<td>Melting Point: &lt;-16°C (3.2°F)</td>
<td>Other: NA</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY:

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>Stability: Stable</th>
</tr>
</thead>
<tbody>
<tr>
<td>XWill Not Occur</td>
<td>□May Occur</td>
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</table>

<table>
<thead>
<tr>
<th>Hazardous Decomposition/Combustion Products:</th>
<th>Conditions &amp; Materials to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available</td>
<td>Not available</td>
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</tbody>
</table>

11. TOXICOLOGICAL INFORMATION FOR ACTIVE INGREDIENT:

Primary Route(s) of Exposure Under Normal Use:

Target Organ(s): Upper respiratory tract, skin, eyes

Acute Effects: Oral LD₅₀ = 2587mg/kg (female rats)
Dermal LD₅₀ = >2000mg/kg (rabbit)
Inhalation LC₅₀ = 2.9ppm for 4 hr (rat)

Chronic Effects:

Other Information: Chemical Ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

12. ECOLOGICAL INFORMATION:

LC₅₀ = 0.37mg/L for 48 hrs (invertebrate) and 0.26mg/L for 96 hrs (fathead minnow, bluegill sunfish, rainbow trout, sheepshead minnow, mysid shrimp)
Clay or commercial absorbents may be used to immobilize or collect.

13. DISPOSAL CONSIDERATIONS: Non hazardous waste

14. TRANSPORT INFORMATION:

U.S. DOT: Shipping Name:
Hazard Class: Non-hazardous for transport
UN/NA #:
Packing Group #:

IATA/ICAO: Non-hazardous for air transport

15. REGULATORY INFORMATION:

EU Risk/Safety Phrases:

U.S. TOSCA: Yes

Canada: This product has been classified according to the hazard criteria of the CPR and this MSDS contains all the information required by the CPR.

16. OTHER INFORMATION:

<table>
<thead>
<tr>
<th>U.S. EPA SARA</th>
<th>National Fire Protection Association Rating</th>
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<tbody>
<tr>
<td>313 Chemicals</td>
<td>CERCLA RESPONSE</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
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Notes: Not Established (NE) means a value has not been set or there is no information available. Not Applicable (NA) means that the topic is not pertinent.

The information contained herein has been compiled from data presented in various technical sources believed to be accurate. Waters makes no warranties and assumes no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.