SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: HI 7006 Buffer Solution pH 6.86
Application: pH Buffer Solution, ± 0.01 @ 25°C/77°F
Company Information (USA):
Hanna Instruments, Inc.
584 Park East Dr, Woonsocket, Rhode Island, USA 02895
E-mail Address:
tech@hannainst.com

SECTION 2: HAZARD IDENTIFICATION

Non-hazardous product as specified in Directives 67/548/EEC and 1999/45/EC.
Non-hazardous product as specified in Canadian Regulation SOR/88-66.

SECTION 3: COMPOSITION AND COMPONENT INFORMATION

Aqueous Buffer Solution

SECTION 4: FIRST AID MEASURES

After Inhalation: Remove to fresh air. Call a physician if breathing becomes difficult.
After Skin Contact: Wash affected area with water and soap.
After Eye Contact: Rinse out with plenty of water for at least 15 minutes. If pain persists, summon medical advice.
After Swallowing: Wash out mouth with plenty of water, provided person is conscious. Obtain medical attention if feeling unwell.
General Information: Not available

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:
Water Spray, Foam, Dry Powder, Carbon Dioxide
Special Risks:
Non-combustible. Development of hazardous combustion gases or vapors possible in the event of fire.
Special Protective Equipment:
Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
Additional Information:
Contain escaping vapors with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:
None
Environmental Precautions:
None
Additional Notes:
None
**SECTION 7: HANDLING AND STORAGE**

<table>
<thead>
<tr>
<th>Handling:</th>
<th>Storage:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Keep container closed and protected from direct sunlight. Store at room temperature (+15°C to +25°C).</td>
</tr>
</tbody>
</table>

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**Engineering:**
Maintain general industrial hygiene practice.

**Personal Protective Equipment:**
As appropriate to quantity handled.

<table>
<thead>
<tr>
<th>Respiratory Protection:</th>
<th>Protective Gloves:</th>
<th>Eye Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required when vapors/aerosols are generated.</td>
<td>Rubber or plastic</td>
<td>Goggles or face mask</td>
</tr>
</tbody>
</table>

**Industrial Hygiene:**
Change contaminated clothing. Wash hands after working with substance.

**SECTION 9: PHYSICAL/CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Odor:</th>
<th>Density at 20°C:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorless liquid</td>
<td>Odorless</td>
<td>1.0 g/cm³ at 25°C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Melting Point:</th>
<th>Boiling Point:</th>
<th>Solubility:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>&gt;100°C</td>
<td>Soluble</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>pH at 20°C:</th>
<th>Explosion Limit:</th>
<th>Flash Point:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.86 at 25°C</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermal Decomp.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

**Conditions to be Avoided:**
Heating

**Hazardous Polymerization:**
Will not occur.

**Further Information:**
Not available

**Hazardous Decomposition Products:**
In the event of fire: See section 5.

**Substances to be Avoided:**
The generally known reaction partners of water

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Product Toxicity**
Quantitative data on the toxicity of this product is not available.

**Potential Health Effects:**
Hazardous properties cannot be excluded, but are relatively unlikely because of the low concentration of the dissolved substances, when the product is handled appropriately. The product should be handled with the usual care when dealing with chemicals.

**Component Toxicity**

**Acute Toxicity:**
Not Available

**Chronic Toxicity:**
Not Available

**Additional Data:**
Not Available
SECTION 12: ECOLOGICAL INFORMATION
Quantitative data on the ecological effect of this product is not available.
Further Data: No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13: DISPOSAL CONSIDERATIONS
Waste Disposal: Can be safely disposed of as ordinary refuse.

SECTION 14: TRANSPORTATION INFORMATION
Land: Not subject to transport regulations
Sea: Not subject to transport regulations
Air: Not subject to transport regulations

SECTION 15: REGULATORY INFORMATION
Labeling according to EC Directives:
Non-hazardous according to Directives 67/548/EEC and 1999/45/EC.

SECTION 16: OTHER INFORMATION
Text of R-phrases under Section 3
Revision Information
Revision Date: 2012-06-01
Supersedes edition of: 2009-06-10
Reason for revision: Reviewed Only

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.