Material Safety Data Sheet

May be used to comply with OSHA’s Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

<table>
<thead>
<tr>
<th>IDENTIFY (As Used on Label and List)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.9 Quality Control Check Sample, (1 or 2)</td>
</tr>
<tr>
<td>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</td>
</tr>
</tbody>
</table>

**Section I**

<table>
<thead>
<tr>
<th>Manufacturer’s Name</th>
<th>Emergency Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NADP/NTN Central Analytical Laboratory</td>
<td>(217) 333-7942</td>
</tr>
<tr>
<td>Address (Number, Street, City, State, and ZIP Code)</td>
<td>Telephone Number for Information</td>
</tr>
<tr>
<td>Illinois State Water Survey</td>
<td>(217) 244-0868</td>
</tr>
<tr>
<td>2204 Griffith Drive</td>
<td>Date Prepared</td>
</tr>
<tr>
<td>Champaign, IL 61820-7495</td>
<td>On label</td>
</tr>
<tr>
<td>Signature of Preparer (optional)</td>
<td></td>
</tr>
</tbody>
</table>

**Section II - Hazard Ingredients/Identity Information**

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>%(optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$68.4 \times 10^{-6} \text{M} \text{NaCl} \ (4 \times 10^{-3} \text{g} \text{NaCl/L H}_2\text{O})$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$12.17 \times 10^{-6} \text{N HNO}_3 \ (7.8 \times 10^{-4} \text{ml concentrated HNO}_3/\text{L H}_2\text{O})$</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Section III - Physical/Chemical Characteristics**

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>100°C</th>
<th>Specific Gravity (H2O = 1)</th>
<th>1.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>24 mm Hg.</td>
<td>Melting Point</td>
<td>0°C</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>NA</td>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Aqueous Solution**

- Appearance and Odor: Colorless, odorless, liquid

**Section IV - Fire and Explosion Hazard Data**

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Does not burn</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
<th>Special Fire Fighting Procedures</th>
<th>Unusual Fire and Explosion Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>
### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

<table>
<thead>
<tr>
<th>NA</th>
</tr>
</thead>
</table>

Hazardous Polymerization | May Occur | Conditions to Avoid | Will Not Occur | X |

### Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Health Hazards (Acute or Chronic)

**Solution is so dilute there should be no deleterious effects**

<table>
<thead>
<tr>
<th>Carcinogenicity:</th>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signs and Symptoms of Exposure

**NONE**

Medical Conditions; Generally Aggravated by Exposure

**NA**

Emergency and First Aid Procedures

**Wash with tap water**

### Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

**Wash excess down drain with running water**

Waste Disposal Method

**Not regulated, sanitary sewer**

Precautions to Be taken in Handling and Storing

**NONE**

Other Precautions

**NA**

### Section VIII - Control Measures

Respiratory Protection (Specify Type)

**NA**

Ventilation

| NA         |

Local Exhaust

| Special |

Mechanical (General)

| Other |

Protective Gloves

**NA**

Eye Protection

**Safety glasses are recommended**

Other Protective Clothing or Equipment

**NA**

Work/Hygienic Practice

**After handling, wash thoroughly before eating, drinking, or smoking**

(Reproduce locally) OSHA 174, Sept. 1985