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.

U.S. Department of
Labor
Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Specific Conductance Std., (1 or 2)

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.

Section I

Manufacturer's Name
NADP/NTN Central Analytical Laboratory

Emergency Telephone Number
(217) 333-7942

Address (Number, Street, City, State, and ZIP Code)
Illinois State Water Survey

Telephone Number for Information
(217) 244-0868

2204 Griffith Drive
Champaign, IL  61820-7495

Date Prepared
On label

Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))
Potassium Chloride

OSHA PEL
ACGIH TLV
Other Limits Recommended
Recommended

Section III - Physical/Chemical Characteristics

Boiling Point
100°C

Specific Gravity (H2O = 1)
1.00

Vapor Pressure (mm Hg.)
24 mm Hg.

Melting Point
0°C

Vapor Density (AIR = 1)
NA

Evaporation Rate (Butyl Acetate = 1)
NA

Solubility in Water
Aqueous Solution

Appearance and Odor
Colorless, odorless, liquid

Section IV - Fire and Explosion Hazard Data

Flammable Limits
LEL
UEL

Extinguishing Media
NA

Special Fire Fighting Procedures
NA

Unusual Fire and Explosion Hazards
NA
## Section V - Reactivity Data

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

### Incompatibility (Materials to Avoid)
- BrF₃

### Hazardous Decomposition or Byproducts
- NA

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Will Not Occur</td>
<td>X</td>
</tr>
</tbody>
</table>

## 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></td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### Health Hazards (Acute and Chronic)
- Solution is so dilute there should be no deleterious effects

### Carcinogenicity:
- NTP?
- IARC Monographs?
- OSHA Regulated?

<table>
<thead>
<tr>
<th>Signs and Symptoms of Exposure</th>
<th>NONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Conditions; Generally Aggravated by Exposure</td>
<td>NA</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mechanical (General)</td>
<td>Other</td>
</tr>
</tbody>
</table>

### 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