

# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT IDENTIFICATION

Calcium Test Solution

Code Nr. **5108**

## 2. HAZARDOUS INGREDIENTS

| NAME           | CAS #   | TSCA # | % | PEL | TLV |
|----------------|---------|--------|---|-----|-----|
| Sodium Oxalate | 62-76-0 |        | 4 | N/E | N/E |
|                |         |        |   |     |     |
|                |         |        |   |     |     |
|                |         |        |   |     |     |
|                |         |        |   |     |     |
|                |         |        |   |     |     |

## 3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

| NAME          | CAS # | % |
|---------------|-------|---|
| Water to 100% |       |   |
|               |       |   |
|               |       |   |
|               |       |   |

## 4. PHYSICAL DATA

|                                    |                           |                           |                  |
|------------------------------------|---------------------------|---------------------------|------------------|
| Appearance: Clear Colorless Liquid |                           |                           |                  |
| Solubility in Water: Soluble       | Odor: None                | Boiling Point: >100 deg C | Melt. Point: N/A |
| Vapor Pressure: <17 @ 20 deg C     | Vapor Density: <1 (Air=1) | pH: 7                     |                  |

## 5. FIRE AND EXPLOSION DATA

|   |                           |          |
|---|---------------------------|----------|
| Flash Point (method used) N/A   | Flammable Limit: LEL: N/A | UEL: N/A |
| Extinguishing Media: Not a fire hazard  |                           |          |
| HMIS Hazard: Health - 2 Flammability - 0 Reactivity - 0 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least |                           |          |
| Special Fire Fighting Procedures:<br>N/A  |                           |          |
| Unusual Fire & Explosion Hazard:<br>N/A   |                           |          |

## 6. REACTIVITY DATA

|   |                          |  |                                       |
|---|--------------------------|--|---------------------------------------|
| Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions to avoid: N/A | Incompatibility (Materials to avoid):<br>N/A | Hazardous Decomposition Products: N/A |
|---|--------------------------|--|---------------------------------------|

## 7. HEALTH HAZARD DATA

|   |   |   |  |
|---|---|---|--|
| Toxicity: LD50 (oral human) approx. 15 grams sodium oxalate solid.                                      |   |   |  |
| Primary Route of Entry:   | <input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion | <input checked="" type="checkbox"/> Skin <input type="checkbox"/> N/A | Carcinogenicity: <input checked="" type="checkbox"/> None <input type="checkbox"/> OSHA <input type="checkbox"/> NTP <input type="checkbox"/> IARC |
| Other Health Related Comments:  |   |   |  |
| Target Organs: Gastro-Intestinal System,  |   |   |  |
| Signs and symptoms of exposure:<br>Harmful if swallowed. Irritation of skin and gastrointestinal tract. |   |   |  |
| Medical Condition Aggravated by Exposure: N/A   |   |   |  |

## 8. EMERGENCY FIRST AID PROCEDURES

|  |
|--|
| Eye Contact: Flush with water for 15 minutes. Consult physician.   |
| Ingestion: Rinse out mouth. Drink glass of water or milk. Call a doctor immediately.                           |
| Inhalation:<br>N/A   |
| Skin Contact:<br>Remove affected clothing and flush skin thoroughly with water. Wash skin with soap and water. |

## 9. SPILL AND DISPOSAL PROCEDURES

|   |
|---|
| Spill and Leak:<br>Mop up. Flush down drain with excess water.  |
| Disposal:<br>Flush down drain with excess water. Dispose according to federal, state and local regulations. |

## 10. PRECAUTIONARY MEASURES

|   |
|---|
| In Handling: <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: Lab Coat |
| Ventilation <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection  |
| Work/Hygienic Practices: Avoid contact with skin. Wash after handling.  |

## 11. SPECIAL PRECAUTIONS

Keep solution away from food & drink; it is toxic by ingestion.

DATE: 5/24/02 The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

▲ This is a toxic chemical subject to reporting requirements of section 313 of EPCRA and 40CFR372.