

# MATERIAL SAFETY DATA SHEET



NATURAL RESOURCES GROUP, INC.  
34284-B ROAD 196  
WOODLAKE, CA 93286  
559/564-1236

ANALYSIS:

**CALCIUM  
CHELATE 6%**

DATE:

**December 1999**

## SECTION I. MATERIAL IDENTIFICATION

**Product Name:** Calcium Chelate 6%

## SECTION II. PHYSICAL & CHEMICAL DATA

**Boiling Point:** 210 to 212°

**Water solubility:** Complete - 100%

**Vapor Pressure (mm Hg and Temperature):** 17.5mm Hg

**Vapor Density (Air - 1):** N/A

**Specific Gravity (H<sub>2</sub>O-1):** .582gms/cc

**Melting Point:** N/A

## SECTION III. FIRE AND EXPLOSION DATA

**Ignition Temperature:** Not Combustible

**Extinguishing media:** Non-Combustible, direct water spray is recommended for fires where these products are present.

**Hazards:** This product behaves as an oxidizer

**Incompatibility (Materials to Avoid):** Organics or other oxidizable materials, copper or brass.

**Conditions to Avoid:** Elevated Temperatures

**Special fire fighting procedures:** Wear self-contained breathing apparatus with a full face shield. Use water spray to cool exposed containers.

**Hazardous Decompositions Products:** On heating, decomposes to oxides of Nitrogen.

**Hazardous Polymerization will not occur**

## SECTION IV. HEALTH HAZARD INFORMATION

**Acute:** Ingestion may cause cynicism, rapid heartbeat and breathing, weakness & collapse. **No Carcinogen Listed.** **Primary Routes of Entry:** Inhalation, Skin absorbing and Ingestion **Chronic:** None found for this substance. **Signs & Symptoms of Exposure:** Weakness, general depression, headache and mental impairment. **Medical Conditions Generally Aggravated by Exposure:** Large doses may cause nausea and vomiting and may have serious, or even fatal effects. **EMERGENCY FIRST AID PROCEDURES:** **Eye Contact:** Slight irritant. Flush with large amounts of water for a minimum of 15 minutes. Consult Physician. **Skin Contact:** Slight irritant. Wash with mild soap and water. **Ingestion:** Large amounts may have serious or even fatal effects. If the person who swallows the solution is conscious, give large amounts of water and induce vomiting. Consult physician.

## SECTION V. CONTROL & PROTECTIVE MEASURES

**Respiratory Protection:** None, under normal conditions. **Protective Gloves:** Impervious, gauntlet type.

**Ventilation:** None, under normal circumstances. **Handling and Storage Precautions:** Store in

approved containers. Maintain temperatures of solution as recommended by manufacturer. **Hygienic Work Practices:** Washing facilities should be made available. **Eye Protection:** Chemical splash goggles and full face shield.

**Other Protective Clothing and Equipment:** Rubber jacket or rain suits, and rubber boots. **Steps for Spill or**

**Leak Procedures:** Contain spill in diked areas. Prevent discharge to sewer or water ways. **Waste Disposal**

**Methods:** If uncontaminated, recover and use product. Dispose of in accordance with applicable federal

(RCRA), state and local regulations. **Other Precautions:** Avoid contamination with combustible materials.