

Material Safety Data Sheet

Product: KeyPlex Calcium Plus

May be used to comply with OSHA's Hazard Communication Standard.
29CFR 1910. Standard must be consulted for specific requirements.

QUICK IDENTIFIER

Common Name: KeyPlex Calcium Plus

SECTION 1 -

Manufacturers Name: KeyPlex
Address: P.O. Box 2515
City, State, Zip: Winter Park, FL 32790

Emergency Telephone Number: 1-800-433-7017
Other Information Calls: 1-407-682-6500
Date Prepared: Sep 4, 2009

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) chemical & common name(s)	OSHA PEL	ACGIH TLV	EXPOSURE LIMITS	CAS NO.
Sodium Glucoheptanate	N/A			31138-65-5
Calcium Nitrate	N/A			39368-85-9
Humic Acid	N/A			68514-28-3

SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: N/A Specific Gravity: 1.416 Vapor Pressure: N/A
Vapor Pressure: N/A Reactivity in Water: Soluble Melting Point: N/A
Appearance and Odor: Dark opaque light almond odor

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: N/A F° Method Used: N/A
Flammable Limits in Air: N/A LEL Lower: UEL Upper:
Auto-Ignition Temp: N/A Extinguisher Non flammable if involved in fire, can extinguish with dry chemical; CO₂, water spray
Media: or foam.
Special Fire Fighting Procedures: This product is non-flammable, and does not support combustion. If heated to decomposition the nitrate ion will support combustion and could explode. Use of self contained breathing apparatus is recommend.
Unusual Fire and Explosion Hazards: If this product is heated to an anhydrous state it will omit nitrates which are oxidizing agents. Exposure to high heat can emit toxic vapors.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability:	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable	Conditions to Avoid: Excessive Heat
Incompatibility Materials to Avoid!:	Avoid sulfate mixture, which will result in the formation of Calcium Sulfate precipitates.		
Hazardous Decomposition Products:	Nitrates		
	Hazardous Polymerization: May Occur: <input type="checkbox"/>	Will Not Occur: <input checked="" type="checkbox"/>	
	Conditions to Avoid: Extreme Heat.		

SECTION 6 - HEALTH HAZARDS

ACUTE: Mild skin irritant, conjunctivitis, upset stomach and or gastrointestinal symptoms are temporary.

CHRONIC: Prolonged skin contact may result in dermatitis (drying) or eczema (itching)

CARCINOGEN:	<input type="checkbox"/>	NTP	<input type="checkbox"/>	OSHA
LISTED IN:	<input type="checkbox"/>	IARC MONOGRAPH	<input checked="" type="checkbox"/>	NOT LISTED

ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES	
1. Inhalation:	Move victim to fresh air. If Person Not Breathing CALL 911, perform artificial respiration if necessary. Call physician if symptoms persist.
2. Eyes:	Flush eyes with running water for 15-20 minutes. If wearing eye contact remove after the first few minutes.
3. Skin:	Wash with soap and water, remove contaminated clothing.
4. Ingestion:	Call a Physician. This Product Contains Nitrates, Which Can Effect Heart Rhythm. If Taking Heart Medication Contact Physician Immediately. Have Person Sip a Glass of Water. Do NOT Induce Vomiting Unless Instructed by Physician.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken

Handling and Storage: Store in cool ventilated place away from fire hazards, excessive heat, flammable or easily oxidizable materials.

Other Precautions: Do not allow product to go below 35 degrees. Apply product in open areas. Keep away from children and pets. Do not contaminate any water sources.

Steps to be taken in case of Release or Spill Clean at once. Do not allow dry material or come in contact with heat.

Waste Disposal: Consult federal, state, and local regulations. Flush with water to and collect in a chemical waste disposal. Dispose according to federal, state and local regulations.

SECTION 8 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: None required if used in open under normal conditions. Self contained respiratory equipment should be used in the event of a spill.

Protective Gloves: Rubber or plastic.

Eye Protection: Side-Shielded Safety Goggles or face shield.

Other Protective Clothing or equipment: Wear clean clothing. Eye Wash Station, Safety Shower.

Hygienic Work Practice: Bath and wash clothes after mission is complete.

SECTION 9 - TRANSPORT AND REGULATORY INFORMATION

MATERIAL IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: None

Hazard Class Number: None

Description: None

UN Identification Number: None

Packing Group: None

DOT Label(s) Required: None

NFPA CODE: Health = 1 Flammability = 0 Reactivity = 0

Toxicity:

Notes: This product is not regulated by EPCRA or any of the provisions of SARA Title III.

END