Material Safety Data Sheet

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

Product: ByPass

QUICK IDENTIFIER
Common Name: ByPass

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

SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Specific Gravity: 1.372
Vapor Pressure:
Vapor Pressure: N/A
Reactivity in Water: Soluble
Melting Point: N/A
Appearance and Odor: Dark opaque with sweet smell.

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 Media: Non flammable if involved in fire, can extinguish with dry chemical; CO_2, water spray or foam.

Special Fire Fighting Procedures: This product is non-flammable, and does not support combustion. If heated to decomposition, Sulfur dioxide fumes could be emitted. Use of self contained breathing apparatus is recommended when there is extreme heat.

Unusual Fire and Explosion Hazards: If this product is heated to an anhydrous state it will omit Sulfur dioxide which is hazardous if inhaled. Exposure to high heat can emit toxic vapors.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: ☑ Stable ☐ Unstable **Conditions to Avoid:** Excessive Heat

Incompatibility Materials to Avoid!: Flammable or easily oxidized materials, incompatible to phosphate fertilizers, and is highly corrosive to metals in concentrated state. Easily oxidized materials avoid exposure to flame or extreme heat. Not compatible with phosphate fertilizers. Highly corrosive to metals.

Hazardous Decomposition Products: Nitrate

Hazardous Polymerization: May Occur: ☐ Will Not Occur: ☑

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:	☐	**NTP**	☐	**OSHA**
LISTED IN:	☐	**IARC MONOGRAPH**	☑	**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. Have Person Sip a Glass of Water. Do NOT Induce Vomiting Unless Instructed by Physician.

SECTION 7 - SPECIAL PRECAUTIONS & 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.
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:	KeyPlex ByPass
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