HMIS RATINGS:
Health: 1
Flammability: 0
Reactivity: 0
Personal Protection: G

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: **SLOW GROW III**
Chemical Family: Growth Retardant
Sold By: Continental Research Corp.
PO Box 15204
St. Louis, MO. 63110

Emergency Phone 800-325-4869
Information Phone 800-325-4869
Date Prepared: Nov 6, 2003
MSDS # IA-6532

Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

CAS NUMBER	CHEMICAL NAME	% BY WGHT.	OSHA PEL/ ACGIH TLV	SARA 302/ 304(1)*	SARA 313 (2)*	STATE INFO(3)(4)	CERCLA RQ
123-33-1	Potassium Salt of 6-Hydroxy-3-(2H)-Pyridazinone	21.70	n/e / 10 mg/m3	NO	NO	NO	5000 lbs

* See Section 15 for more information

n/e = none established - n/a = not applicable

Section 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING. Harmful or fatal if swallowed. May be absorbed through skin.
Avoid inhalation. Do not get in eyes, on skin or on clothing.
Avoid contamination of food.

Primary Route of Entry: Eye contact, skin contact/absorption

Acute/Potential Health Effects:

EYES: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.

INHALATION: High concentrations of mist may cause irritation of the respiratory tract.

INGESTION: Harmful if swallowed. May cause nausea, vomiting and diarrhea.

Section 3: HAZARDS IDENTIFICATION - continued:

Chronic / Long Term Effects: None known.

Signs and Symptoms of Overexposure: Dermal exposure may cause local redness and swelling, pain and discomfort.

Target Organ Effects: No data.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Section 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flash Point: No flash by standard methods.
Extinguishing Media: Use appropriate methods for combating surrounding fire.
Special Fire Fighting Instructions: Wear a self contained breathing apparatus with a full face piece operated in the positive pressure demand mode. Chemical resistant PPE is recommended.

Section 6: ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb spill with inert material (e.g. dry sand, earth). Prevent runoff from entering drains, sewers or other bodies of water. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7: HANDLING AND STORAGE

Follow all MSDS/label precautions even after container is emptied because they may contain product residues. Use with adequate ventilation. Do not get in eyes, on skin or clothing. Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.

Section 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene), clothing and boots.

Respiratory Protection: When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

Engineering Controls: Good general ventilation required.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear, amber liquid with slight odor
pH Concentrate: 8.0
Solubility in Water: Complete
Vapor Pressure [mmHg]: n/e
Evaporation Rate (Butyl Acetate=1): n/e
Vapor Density [Air=1]: n/e
Specific Gravity [H20=1]: 1.13
Boiling Point: 212 F

Section 10: REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to avoid: High temperature
Hazardous Decomposition Products: None
Incompatibility: Strong acids, alkalis, oxidizing agents

Section 11: TOXICOLOGICAL INFORMATION

No data.

Section 12: ECOLOGICAL INFORMATION

This product is toxic to fish, birds and other wildlife.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Wastes must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

Section 14: TRANSPORTATION INFORMATION

D.O.T. Shipping Name / Class:

Not regulated for domestic shipments

Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:
ACUTE (X) Chronic ( ) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s)
None

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.
(3) California proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986)
(4) Massachusetts (Hazardous Substance Disclosure by Employers)

Section 16: OTHER INFORMATION

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

Disclaimer: The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.