

RIGD/BLACK LEAF PRODUCTS
 DIVISION OF SURECO, INC.
 9011 NEW LAGRANGE RD., SUITE 1
 LOUISVILLE KY 40222
 502-326-9508

MATERIAL SAFETY DATA SHEET

Section 1 Name	Product / Trade Name BLACK LEAF MOLE AND GOPHER KILLER	Chemical Name / Common Name: Zinc Phosphide/Zinc Phosphide
	Emergency Telephone Numbers: Chemtrec (800) 424-9300	

Section 2 Hazardous Ingredients	CAS #	OSHA PEL	ACGIH TLV
	Zinc Phosphide	1314-84-7	NE

Section 3 Physical Data	Flash Point / Method	NA	Melting Point	420°C
	Specific Gravity (H ₂ O = 1)	NA	Vapor Pressure (mmHg)	NA
	Vapor Density (Air = 1)	NA	Solubility in H ₂ O	Insoluble
	% Volatiles by Vol.	NA	Odor/Appearance	Garlic/Grey Pellets

Section 4
Fire & explosion Hazard

Extinguishing Media Water Fog Foam Alcohol Foam CO₂ Dry Chemical Other _____

Fire Fighting Precautions & Hazards:
 Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing mist or vapors. Avoid fallout and runoff. Dike to prevent entering drains, sewers, and water courses. Evacuate people downwind from fire.

Section 5
Carcinogen Status

OSHA NTP IARC No Listing Type

Section 6
Reactivity

Stable Unstable Hazardous Polymerization May Occur Will Not Occur

Avoid: NA

Hazardous Decomposition Products: CO, CO₂

Section 7
Spill or Leak Procedures

Steps to be taken in case of spill:
 Wear appropriate personal and respiratory protective equipment. Sweep or vacuum up and place in an approved disposal container.

Decontamination:
 Treat contaminated area with strong detergent and water. Absorb with inert material and place in an approved disposal container.

Environmental hazards:
 This product is toxic to fish and wildlife. Dike to prevent entering drains, sewers, and water courses.

Disposal:
 Dispose of in accordance with Federal, State and local regulations.

*Technical Material

NE - Not Established

NA - Not Applicable

Product / Trade Name:
BLACK LEAF MOLE AND GOPHER KILLER

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Section 8
Health
Precaution
Data

Ingestion:
Acute oral LD₅₀ (rat) 25 mg/kg (RTECS*). Do not ingest. Wash thoroughly before eating, drinking, or smoking. Do not store near food or feed.

Inhalation:
PEL/TLV .1 mg/m³ for technical ingredient. Wear proper respiratory protection for exposures above the PEL/TLV. May cause pulmonary irritation.

Skin absorption:
Acute Dermal LD₅₀ (rat) 1400 mg/kg (RTECS*). Can be absorbed through the skin. Wear proper personal protective equipment to minimize exposure.

Eye exposure:
Keep out of eyes. Wear proper eye protection to minimize exposure. If exposed, flush eyes a minimum of 15 minutes with water.

Effects of overexposure: Symptoms of overexposure may include severe nausea and abdominal pain, tightness in chest, CNS excitement, pulmonary edema and convulsions. Can be fatal. Chronic exposure may cause heart, liver, and kidney injury. Pre-existing medical conditions involving the above symptoms or conditions being treated by other anticoagulants may be aggravated by exposure.

First aid:
In all cases, get prompt medical attention. If swallowed, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin contact, remove contaminated clothing and shower with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air. Vitamin K₁ is antidotal.

Section 9
Special
Protection
Information

Respiratory protection:
Use NIOSH/MSHA-approved respirator for pesticides for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposure above 10 times the PEL/TLV.

Personal protective equipment:
Neoprene or rubber gloves and boots, chemical goggles, long-sleeved coveralls, and hat, depending on exposure expected. For manufacture, formulation, and application operations, recommend a shower at the end of the work shift.

Ventilation:
Local exhaust ventilation is recommended for manufacture and formulation. General ventilation should be sufficient for product user.

Section 10
Special
Precautions

Keep out of the reach of children.
Read and follow all label instructions.
Do not store near heat, open flame, or other ignition sources.
SARA Hazard Category(s) - none.

EFFECTIVE: 12/97

Post-it® Fax Note		7671	Date	3/18/98	# of pages	2
To	Tom Foley		From	Black Leaf Mole		
Co./Dept.			Co.			
Phone #			Phone #			
Fax #			Fax #			