

ZP[®] Tracking Powder MSDS

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PRODUCT NAME: ZP[®] Tracking Powder				EPA REGISTRATION NO: 12455-16
USE: Acute Rodenticide - Restricted Use Pesticide		BAIT FORM: Dry Powder		
SECTION I. HAZARDOUS INGREDIENTS				
INGREDIENT NAME			% BY WEIGHT	CURRENT TLV
Zinc Phosphide CAS No. 1314-84-7			10.0 %	N/A
This product contains no components subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act (SARA) of 1986				
SECTION II. PHYSICAL DATA				
APPEARANCE: Powder	COLOR: Grey	ODOR: Slight Garlic	SPECIFIC GRAVITY: N/A	
VAPOR DENSITY: N/A	MELTING POINT: N/A	WATER REACTIVITY: Yes	EVAPORATION RATE: N/A	
VAPOR PRESSURE: N/A	BOILING POINT: N/A	SOLUBILITY: Not soluble in water	BULK DENSITY: 2.965 gm/cc	
SECTION III. FIRE AND EXPLOSION DATA				
FLASH POINT (Method Used): N/A		FLAMMABLE LIMIT: Upper Limit: N/A Lower Limit: N/A		AUTOIGNITION TEMP: N/A
EXTINGUISHING MEDIA: Extinguish with water, foam or inert gas				
SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped with protective clothing and self-contained breathing apparatus.				
UNUSUAL FIRE OR EXPLOSION HAZARDS: Avoid contact with strong acids.				
SECTION IV. REACTIVITY HAZARD DATA				
STABILITY: Stable		CONDITIONS TO AVOID: None		
POLYMERIZATION: Will not occur		CONDITIONS TO AVOID: None		
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents and/or strongly acidic materials			HAZARDOUS DECOMPOSITION PRODUCTS: Phosphine gas	
SECTION V. TOXICITY DATA				
LD50, ORAL (INGESTION): 275 mg/kg (rats)		LD50, DERMAL (SKIN CONTACT): > 2000 mg/kg (rats)		LC50, INHALATION: 19.6 mg/L (rats)
EYE IRRITATION: None (rabbits)		SKIN IRRITATION: None (rabbits)		DERMAL SENSITIZATION: Not Considered a Sensitizer

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SECTION VI. HEALTH HAZARDS

PRIMARY ROUTE OF ENTRY:

Ingestion, Inhalation

SIGNS & SYMPTOMS OF EXPOSURE:

Nausea, abdominal pain, tightness in chest, chills, weakness

EMERGENCY FIRST AID PROCEDURES:**Eyes:** Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance.**Skin:** Remove contaminated clothing and laundry before re-used. Wash skin with soap and water.**Ingestion:** Call physician or emergency phone number immediately. Do not give anything by mouth or induce vomiting unless instructed by physician.**Inhalation:** Remove person to fresh air.**NOTE TO PHYSICIAN:** None

SECTION VII. CONTROL AND PROTECTIVE MEASURES

RESPIRATOR TYPE:

Wear a dust mask or NIOSH approved respirator with dust pre-filter to prevent product inhalation

EYE PROTECTION:

Safety Glasses

GLOVES (Recommended):

Rubber Gloves

VENTILATION:

Do not place near ventilation duct openings

OTHER PROTECTIVE MEASURES:

Not required

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:**HEALTH:** 2 (Moderate)**FIRE:** 0 (Will not burn)**REACTIVITY:** 0 (Stable)**SPECIFIC HAZARD:** None**HAZARDOUS MATERIAL INFORMATION (HMIS) RATINGS:****HEALTH:** 2 (Moderate)**FLAMMABILITY:** 0 (Minimal)**REACTIVITY:** 0 (Minimal)**PROTECTIVE EQUIPMENT:** E

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN THE EVENT MATERIAL IS RELEASED OR SPILLED:

Ventilate area and remove all sources of ignition. Sweep up spilled material, place in properly labeled container for disposal or re-use.

WASTE DISPOSAL METHOD:

Wastes resulting from use may be disposed of on-site or at an approved waste disposal facility. Dispose of all wastes in accordance with all Federal, state and local regulations.

SECTION IX. SPECIAL PRECAUTIONS AND STORAGE DATA

STORAGE TEMPERATURE:

Room temperature

AVERAGE SHELF LIFE:

Bait is stable for a minimum of 1 year when stored at room temperature

SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):

Avoid exposure to acidic conditions, light, heat and extreme humidity. Exposure to acidic conditions may result in the liberation of phosphine gas.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool, dry place inaccessible to children, pets and wildlife. Keep container tightly closed when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.

SECTION X. SHIPPING DATA

DOT SHIPPING NAME:

None required

DOT HAZARD CLASSIFICATION:

Non-hazardous

DOT LABELS REQUIRED:

None required

FREIGHT CLASSIFICATION:

LTL Class 60

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