

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: N/A	EVAPORATION RATE: N/A	
VAPOR PRESSURE: N/A	BOILING POINT: N/A	SOLUBILITY: Not soluble in water	BULK DENSITY: 0.65 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: Dry chemical: soda ash, lime, or sand or inert gas. Avoid use of water or foam as these may cause release of phosphide gas.				
SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped with protective clothing and self-contained breathing apparatus.				
UNUSUAL FIRE OR EXPLOSION HAZARDS: Toxic fumes are possible				
SECTION IV. REACTIVITY HAZARD DATA				
STABILITY: Stable		CONDITIONS TO AVOID: Excessive humidity for extended periods without proper ventilation.		
POLYMERIZATION: Will not occur		MATERIALS TO AVOID: Acids, water.		
INCOMPATIBILITY (MATERIALS TO AVOID): Strongly acidic materials			HAZARDOUS DECOMPOSITION PRODUCTS: Flammable 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

SIGNS & SYMPTOMS OF EXPOSURE:

Eye irritation, nausea, abdominal pain, tightness in chest, chills.

EMERGENCY FIRST AID PROCEDURES:**Eyes:** Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance.**Skin:** Remove contaminated clothing. 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. Do not drink water.**Inhalation:** Remove person to fresh air. If person is not breathing call an ambulance.**NOTE TO PHYSICIAN:** No specific antidote. Gastric lavage is typically indicated using 3 – 5% sodium bicarbonate. Treat symptomatically.

SECTION VII. CONTROL AND PROTECTIVE MEASURES

RESPIRATOR TYPE: Cartridge or canister type respirator for toxic dusts if industrial hygiene evaluation indicates need. Use clean, well maintained MSHA/NIOSH approved equipment fitted to the user.**EYE PROTECTION:** Safety Glasses with side shields**GLOVES (Recommended):** Rubber Gloves**VENTILATION:** Local or mechanical exhaust are required in areas of manufacture, storage, and use. 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 MATERIALS IDENTIFICATION SYSTEM (HMIS) RATINGS:****HEALTH:** 2 (Moderate)**FLAMMABILITY:** 0 (Minimal)**REACTIVITY:** 0 (Minimal)**PROTECTIVE EQUIPMENT:** E**INTERNATIONAL BUILDING CODE/INTERNATIONAL FIRE CODE (IBC/IFC) RATINGS:****HEALTH:** Not Toxic**PHYSICAL HAZARDS:** None**REACTIVITY:** Not Reactive

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 flammable phosphine gas.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a well ventilated, 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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