

# ZP<sup>®</sup> Tracking Powder MSDS

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<b>PRODUCT NAME: ZP<sup>®</sup> Tracking Powder</b>				<b>EPA REGISTRATION NO:</b> 12455-16
<b>USE:</b> Acute Rodenticide - Restricted Use Pesticide		<b>BAIT FORM:</b> 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				
<b>APPEARANCE:</b> Powder	<b>COLOR:</b> Grey	<b>ODOR:</b> Slight Garlic	<b>SPECIFIC GRAVITY:</b> N/A	
<b>VAPOR DENSITY:</b> N/A	<b>MELTING POINT:</b> N/A	<b>WATER REACTIVITY:</b> Yes	<b>EVAPORATION RATE:</b> N/A	
<b>VAPOR PRESSURE:</b> N/A	<b>BOILING POINT:</b> N/A	<b>SOLUBILITY:</b> Not soluble in water	<b>BULK DENSITY:</b> 2.965 gm/cc	
SECTION III. FIRE AND EXPLOSION DATA				
<b>FLASH POINT (Method Used):</b> N/A		<b>FLAMMABLE LIMIT:</b> Upper Limit: N/A Lower Limit: N/A		<b>AUTOIGNITION TEMP:</b> N/A
<b>EXTINGUISHING MEDIA:</b> Extinguish with water, foam or inert gas.				
<b>SPECIAL FIREFIGHTING PROCEDURES:</b> Firefighters should be equipped with protective clothing and self-contained breathing apparatus.				
<b>UNUSUAL FIRE OR EXPLOSION HAZARDS:</b> Avoid contact with strong acids.				
SECTION IV. REACTIVITY HAZARD DATA				
<b>STABILITY:</b> Stable		<b>CONDITIONS TO AVOID:</b> None		
<b>POLYMERIZATION:</b> Will not occur		<b>CONDITIONS TO AVOID:</b> None		
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> Oxidizing agents and/or strongly acidic materials			<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Phosphine gas	
SECTION V. TOXICITY DATA				
<b>LD50, ORAL (INGESTION):</b> 275 mg/kg (rats)		<b>LD50, DERMAL (SKIN CONTACT):</b> > 2000 mg/kg (rats)		<b>LC50, INHALATION:</b> 19.6 mg/L (rats)
<b>EYE IRRITATION:</b> None (rabbits)		<b>SKIN IRRITATION:</b> None (rabbits)		<b>DERMAL SENSITIZATION:</b> 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 launder 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 MATERIALS IDENTIFICATION SYSTEM (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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