

SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME: RODENT BAIT ZINC PHOSPHIDE TREATED GRAIN (2.0%)
EPA Registration Number: EPA SLN No. CA 890027
California Registration Number: 10965-50015
DESCRIPTION: A grain-based rodenticide

COMPANY IDENTIFICATION:

Registrant: California Department of Food and Agriculture
1220 N Street
Sacramento, CA 95814
Business Phone: (916)262-1102

Manufacturer: Alameda County Agricultural Commissioner's Office
Fresno County Agricultural Commissioner's Office
Kings County Agricultural Commissioner's Office
Merced County Agricultural Commissioner's Office
Yolo County Agricultural Commissioner's Office

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

2. HAZARD(S) IDENTIFICATION

CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid breathing dust.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Composition</u>
Zinc Phosphide	Zinc Phosphide	1314-84-7	2.00%
Inert ingredients (Non-hazardous)	Grain, Binder, Spreader, Dye	N/A	98.00%

4. FIRST AID MEASURES

SIGNS AND SYMPTOMS OF EXPOSURE: Local irritation, nausea, garlic breath odor, restlessness, diarrhea, low blood pressure, fever, shock, tremors, fatigue, excessive perspiration, abdominal cramps, breathing difficulty, change in skin color.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Do not drink water. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

5. FIRE FIGHTING MEASURES

Flash Point (PMCC): N/A

Flammable Limits (LFL-UFL): N/A

Fire and Explosion Hazards: Toxic fumes. May react with acids or water to release toxic and spontaneously flammable phosphine gas. Oxides of phosphorus and zinc.

Extinguishing Medium: Dry chemical or carbon dioxide. Avoid water and foam as they may form phosphide gas upon contact with zinc phosphide. For large fires, withdraw from the area and let burn. (DOT 1984, Guide 41)

Fire Fighting Equipment: Wear self-contained breathing apparatus and protective clothing.

Special Fire Fighting Instructions: Fight fire from upwind and evacuate downwind area as appropriate. Move container from fire area if you can do so without risk.

6. ACCIDENTAL RELEASE MEASURES

Avoid bodily contact. Wear protective equipment. Keep water and ignition sources away. Clean up spilled bait promptly. Carefully shovel/sweep up and package material in clean, dry labeled containers. Move containers away and flush surfaces with plenty of water. Regard washings as waste. Keep out of bodies of water and sewer.

7. HANDLING AND STORAGE

Keep out of reach of children and domestic animals. For use only in California.

Handling: Do not breathe dust or fumes. Avoid contact with skin and eyes. Wash thoroughly after handling and before eating or smoking.

Storage: Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Cartridge or canister type respirator for toxic dusts if industrial hygiene evaluation indicates need. Use clean, well-maintained MSHA/NIOSH approved equipment fitted to user.

Ventilation: Local Exhaust? Yes, in manufacturing plant
Mechanical (general)? Yes, needed for storage and use areas
Special? None
Other? None

Protective Clothing: Long sleeved shirt, long pants, socks and shoes. Waterproof gloves.

Eye Protection: Goggles or shielded safety glasses for use of product. Maintain eyewash facility.

General: Wash thoroughly after handling product.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid, blue mottled grain

Odor: Grain odor

Specific Gravity: Bulk Density = approx.. 35.5 lbs/cu ft.

pH: N/A

Solubility: N/A

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid heat, incompatible materials

CHEMICAL STABILITY: Stable under normal conditions

SUBSTANCES TO AVOID: Acids, including dilute. Water. May react with oxidizers.

HAZARDOUS REACTIONS: May react with acids or water to release toxic and spontaneously flammable phosphine gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorus and zinc

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

ORAL TOXICITY (rat LD₅₀): 595 mg/kg for 2% meal bait

DERMAL TOXICITY (rabbit LD₅₀): 2000 mg/kg

IARC: Not listed

NTP: Not listed

OSHA: Not listed

12. ECOLOGICAL INFORMATION

This product is toxic to fish, birds and other wildlife. Bait exposed to soil surfaces may be hazardous to birds and other wildlife. Dogs and other predatory and scavenging animals might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the high-water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label. If wastes cannot be disposed of according to label instructions, contact your State Pesticide Agency.

14. TRANSPORTATION INFORMATION

US DOT: Not DOT regulated. Bill of Lading description: Vermin Exterminators, NOI

15. REGULATORY INFORMATION

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FIFRA – This product is registered as a pesticide with the U.S. Environmental Protection Agency. The label requirements under Federal pesticide law differ from the classification criteria and hazard information required by OSHA on this Safety Data Sheet. Read and follow all cautions, directions and use restrictions on the product label container.

SARA Title III, Section 311 & 312 – Zinc Phosphide is Immediate and Reactive Hazard

California Prop 65 Status - This product does not contain any chemical known to the state of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

Revision Date: 04/26/2016