ZP® Rodent Bait AG MSDS

MANUFACTURER'S ADDRESS:	PREPARED BY:	TELEPHONE NO:	EMERGENCY PHONE NOS:
BELL LABORATORIES, INC. 3699 Kinsman Blvd, Madison, WI 53704	PSM/CAR	(608) 241-0202	**Medical** (877) 854-2494 **Transportation (Spills)** (800) 424-9300 CHEMTREC
PRODUCT NAME: ZP® Rodent Bait AG			
USE: Acute Rodenticide	**BAIT FORM:** Dry Granular Blend		**EPA REGISTRATION NO:** 12455-17

SECTION I. HAZARDOUS INGREDIENTS

INGREDIENT NAME	% BY WEIGHT	CURRENT TLV
Zinc Phosphide CAS No. 1314-84-7	2.0 %	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:	COLOR:	ODOR:	SPECIFIC GRAVITY:
Pellet	Grey	Slight Garlic	N/A
VAPOR DENSITY:	**MELTING POINT:**	**WATER REACTIVITY:**	**EVAPORATION RATE:**
N/A	N/A	N/A	N/A
VAPOR PRESSURE:	**BOILING POINT:**	**SOLUBILITY:**	**BULK DENSITY:**
N/A	N/A	Not soluble in water	0.774 gm/cc

SECTION III. FIRE AND EXPLOSION DATA

FLASH POINT (Method Used):	FLAMMABLE LIMIT:	AUTOIGNITION TEMP:
N/A	Upper Limit: N/A Lower Limit: N/A	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:
None

SECTION IV. REACTIVITY HAZARD DATA

STABILITY: Stable	**CONDITIONS TO AVOID:** None
POLYMERIZATION: Will not occur	**CONDITIONS TO AVOID:** None
INCOMPATIBILITY (MATERIALS TO AVOID): Strongly acidic materials	**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphine gas

SECTION V. TOXICITY DATA

LD50, ORAL (INGESTION):	LD50, DERMAL (SKIN CONTACT):	LC50, INHALATION:
>2000 mg/kg (rats)	> 5001 mg/kg (rats)	N/A
EYE IRRITATION:	**SKIN IRRITATION:**	**DERMAL SENSITIZATION:**
None (rabbits)	None (rabbits)	Not considered a Sensitizer

SECTION VI. HEALTH HAZARDS

PRIMARY ROUTE OF ENTRY:	**SIGNS & SYMPTOMS OF EXPOSURE:**
Ingestion	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: Wash 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:
Not required

EYE PROTECTION:	**GLOVES (Recommended):**	**VENTILATION:**
Not required	Rubber Gloves	Not required

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:** B

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:	**AVERAGE SHELF LIFE:**
Room temperature	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:	**DOT HAZARD CLASSIFICATION:**
None required	Non-hazardous
DOT LABELS REQUIRED:	**FREIGHT CLASSIFICATION:**
None required	LTL Class 60

WARRANTY: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Bell Laboratories, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all current data relevant to their particular use.

ZP® Rodent Oat Bait AG MSDS

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PRODUCT NAME: ZP® Rodent Oat Bait AG			
USE: Acute Rodenticide	**BAIT FORM:** Dry Granular Blend		**EPA REGISTRATION NO:** 12455-102

SECTION I. HAZARDOUS INGREDIENTS

INGREDIENT NAME	% BY WEIGHT	CURRENT TLV
Zinc Phosphide CAS No. 1314-84-7	2.0 %	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: Coated Oat	**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:** Close to 1.00 gm/cc

SECTION III. FIRE AND EXPLOSION DATA

FLASH POINT (Method Used):	FLAMMABLE LIMIT:	AUTOIGNITION TEMP:
N/A	Upper Limit: N/A Lower Limit: N/A	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:
None

SECTION IV. REACTIVITY HAZARD DATA

STABILITY: Stable	**CONDITIONS TO AVOID:** None
POLYMERIZATION: Will not occur	**CONDITIONS TO AVOID:** None
INCOMPATIBILITY (MATERIALS TO AVOID): Strongly acidic materials	**HAZARDOUS DECOMPOSITION PRODUCTS:** Phosphine gas

SECTION V. TOXICITY DATA

LD50, ORAL (INGESTION):	LD50, DERMAL (SKIN CONTACT):	LC50, INHALATION:
>2000 mg/kg (rats)	> 5001 mg/kg (rats)	N/A
EYE IRRITATION: None (rabbits)	**SKIN IRRITATION:** None (rabbits)	**DERMAL SENSITIZATION:** Not considered a Sensitizer

SECTION VI. HEALTH HAZARDS

PRIMARY ROUTE OF ENTRY:
Ingestion

SIGNS & SYMPTOMS OF EXPOSURE:
Nausea, abdominal pain, tightness in chest, chills.

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Eyes: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance.
Skin: Wash 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:
Not required

EYE PROTECTION:	GLOVES (Recommended):	VENTILATION:
Not required	Rubber Gloves	Not required

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:** B

INTERNATIONAL BUILDING CODE/INTERNATIONAL FIRE CODE (IBC/IFC) RATINGS:
HEALTH: Not Toxic **PHYSICAL HAZARDS**: None **REACTIVITY**: Not Reactive

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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:	DOT HAZARD CLASSIFICATION:
None required	Non-hazardous
DOT LABELS REQUIRED:	**FREIGHT CLASSIFICATION:**
None required	LTL Class 60

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