

# ZP<sup>®</sup> RODENT BAIT (AG)

## MSDS

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MANUFACTURERS ADDRESS: BELL LABORATORIES INC. 3699 KINSMAN BLVD. MADISON WI 53704		Prepared by: V J D	TELEPHONE NO.: (608) 241-0202	EMERGENCY PHONE NO.: Contact your local Poison Control Center
PRODUCT NAME: <b>ZP@RODENT BAIT AG</b>				CAS NO.: 1314-84-7
CHEMICAL FAMILY: Inorganic	CHEMICAL NAME & SYNONYMS: Zinc Phosphide			
CHEMICAL FORMULA: Zn <sub>3</sub> P <sub>2</sub>	TRADE NAME & SYNONYMS: Zinc Phosphide			
<b>SECTION I. HAZARDOUS INGREDIENTS</b>				
ACTIVE INGREDIENTS: Zinc Phosphide		% 2.0	CURRENT TLV N.E.	
<b>SECTION II. PHYSICAL DATA OF ACTIVE INGREDIENT</b>				
APPEARANCE & ODOR: Crystalline powder, garlic-like odor.	MOLECULAR WEIGHT: 258.09	MELT POINT: 420°C	SPECIFIC GRAVITY: 4.55 gm/ml	
VAPOR DENSITY (AR=): NA	COLOR: Grey powder	BULK DENSITY: NA	BOILING POINT: 1100°C	
VAPOR PRESSURE: NA	SOLUBILITY: Insoluble in water.	WATER REACTIVE: NA	EVAPORATION RATE: NA	
<b>SECTION III. FIRE &amp; EXPLOSION DATA OF PRODUCT</b>				
FLASH POINT F (METHOD USED): NA	FLAMMABLE LIMIT: NA		AUTOIGNITION TEMP.: NA	
EXTINGUISHING MEDIA: Extinguish with water, foam or inert gas.				
SPECIAL FIRE FIGHTING PROCEDURES: None				
UNUSUAL FIRE OR EXPLOSION HAZARDS: Avoid contact with acids.				
<b>SECTION IV. REACTIVITY HAZARD DATA OF ACTIVE INGREDIENT</b>				
STABILITY: Stable.	CONDITIONS TO AVOID: Keep dry and away from acids.			
POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: NA			
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents and acids.		HAZARDOUS DECOMPOSITION PRODUCTS: Phosphine gas.		
<b>SECTION V. TOXICITY DATA</b>				
LD50, ORAL (INGESTION): (2% AI) [Rat] 1375 mg/kg	LD50, DERMAL (SKIN CON TACT): (94% AI) [Rabbit] 2000-5000 mg/kg	INHALATION: LC50(10% AI) >19.6 mg/l of air.		
FISH, LC50 (LETHAL CONCENTRATION): (94% AI) [Rainbow trout] 0.5 mg/kg [Blue gill] 0.8 mg/kg	SKIN IRRITATION: Not considered to be an irritant.		OTHER: NE	

## SECTION VI. HEALTH HAZARD DATA OF PRODUCT

<b>PRIMARY ROUTE OF ENTRY:</b> <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Skin & Eye contact <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Skin absorption	<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b> None	<b>SIGNAL WORD:</b> CAUTION
<b>HEALTH HAZARDS:</b> 1- Caution: May be irritating.	<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b> Nausea, abdominal pain, tightness in chest, chills.	
<b>EMERGENCY FIRST AID PROCEDURES:</b> Any persons applying zinc phosphide products and experiencing signs and symptoms such as nausea, abdominal pain, tightness in the chest, or weakness, should be seen by a physician immediately. <b>IF SWALLOWED:</b> Immediately call a Poison Control Center or physician, or transport the patient to the nearest hospital. Do not drink water. Do not administer anything by mouth or make the patient vomit unless advised to do so by a physician. <b>IF IN EYES:</b> Flush with plenty of water. Get medical attention if irritation persists. <b>IF ON SKIN:</b> Remove contaminated clothing and wash affected areas with soap and water.		
<b>SPECIAL PROTECTION INFORMATION:</b> Wash hands thoroughly after use.		

## SECTION VII. CONTROL & PROTECTIVE MEASURES OF PRODUCT

<b>RESPIRATOR TYPE:</b> None		
<b>EYE PROTECTION:</b> None	<b>GLOVES:</b> Rubber Gloves	<b>VENTILATION:</b> None
<b>OTHER PROTECTIVE MEASURES:</b> None		

## SECTION VIII. SPILL OR LEAK PROCEDURES OF PRODUCT

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b> General clean-up.
<b>WASTE DISPOSAL METHOD:</b> If waste cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

## SECTION IX. SPECIAL PRECAUTIONS & STORAGE DATA OF PRODUCT

<b>STORAGE TEMPERATURE:</b> Room temperature.	<b>AVERAGE SHELF LIFE:</b> Under exposed acid free conditions, will remain active for long periods of time.
<b>SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):</b> Stable under dry conditions.	
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> Avoid acidic conditions - in presence of dilute acids, phosphine gas is liberated.	

## SECTION X. SHIPPING DATA OF PRODUCT

<b>D.O.T. SHIPPING NAME:</b> ZP Rodent Bait (AG)	<b>TECHNICAL SHIPPING NAME:</b> Rodenticide containing Zinc Phosphide
<b>D.O.T. HAZARD CLASSIFICATION:</b> Non-hazardous	
<b>D.O.T. LABELS REQUIRED:</b> None	<b>FREIGHT CLASSIFICATION:</b> Class 60
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