

MATERIAL SAFETY DATA SHEET

* SECTION 1 * PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME – Sweeney's Poison Peanuts Mole & Gopher Bait

CAS NO.: 1314-84-7

MANUFACTURER – Senoret Chemical Company, Inc.

PREPARED BY – Senoret Chemical Company, Inc., 566 Leffingwell Avenue, Kirkwood,
MO 63122

DATE RELEASED – July 2005

* SECTION 2 * COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL FAMILY - Inorganic CHEMICAL NAME & SYNONYMS – Zinc Phosphide

CHEMICAL FORMULA – Zn₃P₂ TRADE NAME & SYNONYMS – Zinc Phosphide

* SECTION 3 * HAZARDOUS INGREDIENTS

Active Ingredients – Zinc Phosphide 2.0% CURRENT TLV: N.E.

* SECTION 4 * PHYSICAL DATA OF ACTIVE INGREDIENT

APPEARANCE & ODOR – Crystalline powder, garlic-like odor

MOLECULAR WEIGHT – 258.09

MELT POINT - 420° C

SPECIFIC GRAVITY – 4.55 gm/ml

VAPOR DENSITY (AR=1) – N/A COLOR – Grey powder BULK DENSITY – N/A

BOILING POINT - 1100° C VAPOR PRESSURE - N/A SOLUBILITY – Insoluble in water

WATER REACTIVE – N/A EVAPORATION RATE – N/A

* SECTION 5 * FIRE & EXPLOSION DATA OF PRODUCT

FLASH POINT F (METHOD USED) – N/A FLAMMABLE LIMIT – N/A

AUTOIGNITION TEMP – N/A

EXTINGUISHING MEDIA – Extinguish with water, foam or inert gas.

SPECIAL FIRE FIGHTING PROCEDURES – None

UNUSUAL FIRE OR EXPLOSION HAZARDS – Avoid contact with acids.

* SECTION 6 * REACTIVITY HAZARD DATA OR ACTIVE INGREDIENT

STABILITY – Stable CONDITIONS TO AVOID – Keep dry and away from acids.

POLYMERIZATION – Will not occur.

CONDITIONS TO AVOID – N/A

INCOMPATIBILITY (MATERIALS TO AVOID) - Oxidizing agents and acids

HAZARDOUS DECOMPOSITION PRODUCTS – Phosphine gas

*** SECTION 7 * TOXICITY DATA**

LD50, ORAL (INGESTION) – (2% A1) [Rat] 1375 mg/kg
LD50, DERMAL (SKIN CONTACT) – 94% A1 [Rabbit] 2000 – 5000 mg/kg
INHALATION – LC50 (10% A1) >19.6 mg/l of air
FISH, LC50 (Lethal Concentration) – [Rainbow trout] 0.5 mg/kg (94% A1)
SKIN IRRITATION – Not considered to be an irritant.
OTHER – N/A

*** SECTION 8 * HEALTH HAZARD DATA OF PRODUCT**

PRIMARY ROUTE OR REENTRY () Ingestion () Inhalation () Skin Absorption () Skin & Eye Contact
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE – None
SIGNAL WORD – CAUTION

HEALTH HAZARDS – 1 – Caution – May be irritating
SIGNS & SYMPTOMS OF EXPOSURE – Nausea, abdominal pain, tightness in chest, chills.

EMERGENCY FIRST AID PROCEDURES – 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.

IF SWALLOWED:

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.

IF INHALED:

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

IF ON SKIN OR CLOTHING:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison center or doctor for treatment advice.

NOTE TO PHYSICIAN:

Gastric lavage followed by liquid petrolatum is indicated. Avoid digestive fats and oils. Supportive treatment for convulsions, delirium, hepatic and renal insufficiency should be given.

SPECIAL PROTECTION INFORMATION: Wash hands thoroughly after use.

*** SECTION 9 * CONTROL & PROTECTIVE MEASURES OF PRODUCT**

RESPIRATOR TYPE: NONE EYE PROTECTION: NONE GLOVES: NONE
VENTILLATION: NONE OTHER PROTECTIVE MEASURES: NONE

*** SECTION 10 * SPILL OR LEAK PROCEDURE OF PRODUCT**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: General clean-up.

WASTE DISPOSAL METHOD: If waste cannot be disposed of by use according to label instruction, call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

*** SECTION 11 * SPECIAL PRECAUTIONS & STORAGE DATA OF PRODUCT**

STORAGE TEMPERATURE: Room temperature.

AVERAGE SHELF LIFE: Under exposed acid free conditions, will remain active for long periods of time.

SPECIAL SENSITIVITY (HEAT, LIFE, MOISTURE): Stable under dry conditions.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid acidic conditions – in presence of dilute acids phosphine gas is liberated.

***SECTION 12 * SHIPPING DATA OF PRODUCT**

D.O.T. SHIPPING NAME: SWEENEY'S POISON PEANUTS

TECHNICAL SHIPPING NAME: Rodenticides containing Zinc Phosphide.

D.O.T. HAZARD CLASSIFICATION: Non-hazardous

D.O.T. LABELS REQUIRED: None

FREIGHT CLASSIFICATION: Class 60

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