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 RENTRY ( ) 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 no 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
WARRANTY: The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Senoret Chemical Company, 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. You should satisfy yourself that you have all current data relevant to your particular use.