

# MACH 2 1.5G INSECTICIDE

Setre Chemical Company  
PH: 901-761-0050  
CHEMTREC: 800-424-9300  
Effective Date: 25-APR-2005  
Product: MACH 2 1.5G INSECTICIDE  
(EPA Reg. No. 62719-473-38167)

## I. IDENTIFICATION

**Chemical Name:** Halofenozide Insecticide  
**Chemical Family:** Specialty Insecticides  
**Formula:** Not applicable, formulated mixture.  
**Synonyms:** None  
**CAS Number:** Not applicable, formulated mixture.  
**EPA Number:** 62719-473-38167

## II. PHYSICAL DATA

**Boiling Point:** Not applicable  
**Freezing Point:** Not applicable  
**Spec Gravity:** 27-31 lbs/cu.ft (bulk density)  
**Vapor Pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Solubility:** Not soluble  
**Volatiles:** Not determined  
**Evaporation:** Not applicable  
**Melting Point:** Not applicable  
**Appearance:** Tan granule

## III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Halofenozide	112226-61-6	1.50	N/E	Skin & eye irritant.
Inert Ingredients		98.50		Non-hazardous

## IV. FIRE AND EXPLOSION HAZARD

**Flash Point:** Not applicable  
**Autoignition Temp:** Not applicable  
**Flammable Limit:** Not applicable  
**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish fires.  
**Special Fire Fight Proc:** Wear self-contained breathing apparatus and full protective equipment.  
**Fire and Expl Hazard:** Use water spray to cool fire-exposed containers. Dike and collect water used to fight fire.

## V. HEALTH HAZARD

**Carcinogen Information:** None currently known.  
**ACUTE EFFECTS OF OVER EXPOSURE**  
**Swallowing:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. Based on similar products, the Oral LD50 (rats) is expected to be 2,850 mg/kg.  
**Skin Absorption:** Prolonged skin contact is unlikely to result in absorption of harmful amounts. May cause irritation with skin contact.  
**Inhalation:** Vapors are unlikely due to physical properties. Dust may cause irritation of the upper respiratory tract and lungs. Based on similar products, the Inhalation LC50 is expected to be >2.7 mg/L.  
**Skin contact:** Prolonged skin contact may cause slight irritation with local redness. May cause skin irritation due to mechanical abrasion. Based on similar products, the Dermal LD50 (rats) is expected to be >2,000 mg/kg.  
**Eye Contact:** Solid or dust may cause irritation or corneal injury due to mechanical action.  
**Chronic Effects:** None currently known.  
**Other Hazard:** None currently known.  
**EMERGENCY AND FIRST AID PROCEDURES**  
**Swallowing:** No emergency medical treatment necessary.  
**Skin:** Wash affected area with plenty of water.  
**Inhalation:** Move to fresh air. If irritation occurs, consult a physician.  
**Eyes:** Flush eyes with plenty of water; remove contact lenses, if present, after first 1-2 minutes and then continue flushing for an additional 12-15 minutes. Only mechanical effects are expected.

**Notes to Physician:** No specific antidote. Treatment of exposure should be directed at the control of the symptoms and the clinical condition of the patient.

## VI. REACTIVITY

**Stability:** Stable  
**Conditions to Avoid:** None currently known.  
**Polymerization:** Will Not Occur  
**Conditions to Avoid:** None currently known.  
**Incompatibility material:** None currently known.  
**Hazardous Combustion:** None known.

## VII. SPILL OR LEAK PROCEDURES

**Spill or Leak Proc:** Sweep small spills into a covered container for proper disposal. If possible, reuse as intended. Rinse the spill area and any tools or implements with soapy water. Contain and absorb this rinsate with inert absorbents, such as clay or sawdust, and place into same covered container as the spilled material.  
**Waste Disposal Method:** This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

## VIII. SPECIAL PROTECTION INFORMATION

**Respiration:** Use a NIOSH-approved particulate respirator in dusty or misty atmospheres.  
**Ventilation:** General and/or local exhaust should be sufficient.  
**Gloves:** Cloth gloves should be adequate.  
**Eyes:** Use safety glasses.  
**Other:** Eyewash station and emergency shower.

## IX. SPECIAL PRECAUTIONS

**Special precaution:** Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds. Store in a cool, dry, well-ventilated area. Prevent cross contamination. Open dumping is prohibited.  
**Other precaution:** Avoid temperature extremes during storage; ambient temperature preferred. Keep container tightly closed when not in use.

## X. SHIPPING INFORMATION

**Shipping name:** Not regulated by DOT, IATA, or IMDG.  
**Hazard Class:** None  
**Identification No:** None  
**Labels Required:** None required  
**Placarding:** None  
**Freight Class:** Insecticides, N.O.I., Other than Poison (NMFC Item 102120, Class 60)

Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

## XI. GENERAL PRODUCT INFORMATION

**National Fire Protection Association Rating:**  
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)  
**Health:** 2  
**Fire:** 0  
**Reactivity:** 1  
**S.A.R.A. Title III Hazard Classification:** (Yes/No)  
**Immediate (Acute) Health:** Y  
**Delayed (Chronic) Health:** N  
**Sudden Release of pressure:** N  
**Fire:** N  
**Reactive:** N

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