

# Material Safety Data Sheet

## ISOPTHOR Termite Bait

**Manufacturer:** Ensysyex, Inc., P.O.Box 87329, Fayetteville, NC 28304

**General Phone:** 1-866-367-8467 1-866-FOR-THOR

**Emergency Phone** 1-866-367-8467

**Product Trade Name:** ISOPTHOR Termite Bait

**Product Class:** Pesticide bait

**EPA Registration No.:** 68850--2

### Section 1. Ingredients

Diflubenzuron CAS-No. 35367-38-5 0.25%

Proprietary Inert Ingredients 99.75%

### Section 2. Physical Data

**Boiling Point:** Not applicable

**Solubility in Water:** Diflubenzuron .08 ppm at 20-25°C.

**Vapor Density:** Not Determined

**Vapor Pressure:** Expected to be low

**Odor:** Essentially Odorless

**Appearance:** Shredded Papertowel

### Section 3. Fire and Explosion Data

**Flash Point:** Not applicable

**Flammable limits: LFL:** Not determined **UFL:** Not determined

**Extinguishing Media:** If product is involved in fire use water, fog, foam, CO2 or dry chemical.

**Fire and Explosion Hazards:** Toxic, irritating fumes may be formed if product is involved in a fire.

**Fire-Fighting Equipment:** Use positive pressure, self-contained breathing apparatus and full protective equipment.

### Section 4. Reactivity Data

**Stability:** (Conditions to avoid): Excessive heat.

**Incompatibility:** (Specific Materials to avoid) Strong oxidizing agents.

**Hazardous Decomposition Products:** On burning, see fire data.

**Hazardous Polymerization:** Will not occur.

### Section 5. Environmental and Disposal Information Environmental Hazards:

This product is highly toxic to aquatic invertebrates. Bait should not be placed in any area where, because of the movement of water, it could become submersed or could be washed out of a station. Particular care should be taken to not place bait in an area where it could be washed into bodies of water containing aquatic life, such as ponds and streams.

Action to take for spills: Sweep up and place in product container or suitable substitute container.

Disposal Method: Product not disposed of by use according to label directions should be wrapped in paper and placed in a trash can.

### Section 6. Health Hazard Data

This section includes possible adverse effects that could occur if this material is not handled in the recommended manner.

**Eye:** Direct eye contact may cause irritation or corneal injury due to mechanical action.

**Skin Absorption:** The dermal LD50 has not been determined for this product, however dermal toxicity is believed to be low based on the product's composition. For diflubenzuron, the LD50 for skin absorption in rabbits is greater than 2000 mg/kg.

**Ingestion:** Oral LD has not been determined for this product, however the oral toxicity is believed to be low based on the product's composition. For diflubenzuron, the oral LD50 in mice is greater than 4600 mg/kg or 2100 milligrams per pound of body weight. A single bait station when full contains approximately 125 milligrams of diflubenzuron (50 grams of Labyrinth).

**Inhalation:** Product is a solid. Product should not pose an inhalation risk.

**Cancer Information:** Diflubenzuron did not cause cancer in long-term animal studies.

**Teratology (Birth Defects):** Diflubenzuron did not cause birth defects in laboratory animals.

**Reproductive Effects:** Diflubenzuron did not interfere with reproduction in animal studies.

**Mutagenicity (Effects on genetic material):** Diflubenzuron has not been shown to cause changes in living cells.

### Section 7. First Aid

**Eye:** Flush with plenty of clean water.

**ingestion:** Not likely to be toxic in amounts that could be ingested in a single dose. Choking or obstruction (due to inert ingredient) is the most likely hazard from a single dose. Consult medical personnel.

**Inhalation:** Not likely to occur due to product formulation. Remove patient to fresh air if effects occur. Consult physician.

**Note to Physician:** No specific antidote. Supportive Care. Treatment based on judgement of the physician in response to reactions of the patient.

### Section 8. Handling Precautions/Personal Protection

These precautions are suggested for conditions with high exposure potential such as during product manufacturing. If handling procedures are such that there is a low potential for exposure, as in the end-use application, less protection is needed. Emergency conditions may require additional precautions.

**Exposure Guidelines:** None. Product is a solid.

**Ventilation:** Where appropriate such as during manufacturing, provide general and/or local exhaust ventilation to prevent exposure to diflubenzuron.

**Skin Protection:** Clean body covering clothing should be sufficient. During manufacturing, when prolonged contact with bait could occur, use Impervious gloves. Wash hands after handling.

**Eye Protection:** Wear safety glasses during manufacturing.

### Section 9. Additional Information

**Special precautions to be taken in handling and storage:** Store in original container in a dry storage area out of reach of children. Do not contaminate water, food or feed by storage or disposal.

**SARA Hazard Category:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None

**The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. This information and product are furnished on the condition that the persons receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use thereof. It is the buyer's responsibility to ensure that their activities comply with federal, state and local laws.**

**MSDS Effective Date 05/07**