

Material Safety Data Sheet

LABYRINTH Termite Bait

Manufacturer: Ensystem, Inc.
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 MSDS Effective Date 03/11/98

Product Trade Name: Labyrinth Termite Bait
Product Class: Pesticide bait
EPA Registration No. 68850-NC-2

Section 1. Ingredients

Diflubenzuron*	CAS-No. 35367-38-5	0.25%
Proprietary Inert Ingredients		99.75%

*Hazardous within the meaning of 29 CFR 1910.1200 (Slight Eye Irritant)

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 Labyrinth 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 LD₅₀ 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.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

Category	Rating
Health	1
Flammability	1
Reactivity	0

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

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