

MATERIAL SAFETY DATA SHEET

Innovative Pest Control Products

Gourmet Liquid Ant Bait

SECTION I- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gourmet Liquid Ant Bait Liquid
Chemical Formula: Active Ingredient $\text{Na}_2\text{B}_4\text{O}_{13} \cdot 4\text{H}_2\text{O}$
Chemical Name/ Synonyms: Active Ingredient Disodium Octaborate Tetrahydrate – (DOT)
Chemical Family: Active Ingredient Inorganic Borates
CAS Registry Number: Active Ingredient 12280-03-4
TSCA Inventory Number: Active Ingredient 12008-41-2
EPA Registration Number: 73766-2
Emergency Phone Number: Toll Free 877-483-4997
Manufacturer: Innovative Pest Control Products
PO Box 880216
Boca Raton, FL 33488

NFPA Classification:		HMIS Classification:	
Health	0	Red (Flammability)	0
Flammability	0	Yellow (Reactivity)	0
Reactivity	0	Blue (Acute Health)	0

SECTION II- HAZARD IDENTIFICATION

OVERVIEW:

Gourmet Liquid Ant Bait is a flowable solution containing DOT and is not flammable, combustible or explosive and presents no unusual hazard to humans if involved in a fire. Gourmet Liquid Ant Bait presents little or no hazard to humans and has low acute oral and dermal toxicities.

POTENTIAL HEALTH EFFECTS:

Routes of Exposure: Ingestion is the most significant route of exposure in occupational and other settings. Dermal exposure is not a concern because Gourmet Ant Bait is not absorbed through intact skin.

Ingestion: Products containing DOT are not intended for ingestion. DOT has a relatively low acute toxicity. Small amounts (e.g. a teaspoon) swallowed accidentally are not likely to cause effects; swallowing amounts larger than that may cause gastrointestinal symptoms. Being strongly diluted in this formulation, no effects are expected.

Skin Contact: Gourmet Ant Bait causes slight irritation to intact skin.

Inhalation: May cause slight respiratory tract irritation.

Eye Contact: Gourmet Ant Bait is minimally irritating to the eyes in normal use.

Target Organs: No target organ has been identified in humans. High dose animal ingestion studies indicate the testes are the target organs in male animals, though human studies have not shown such results

SECTION III – FIRST AID MEASURES (DOT)

Inhalation: No specific treatment is necessary since Gourmet Ant Bait is not likely to be hazardous by inhalation. Remove person to fresh air.

Eye Contact: 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 control center or doctor for treatment advice.

Skin Contact: Wash with soap and water.

Ingestion: Swallowing less than sixteen teaspoons of Gourmet Ant Bait will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water to drink and seek medical attention.

Note to Physicians: Observation only is required for adult ingestion of less than 6 grams of DOT. For ingestion in excess of 6 grams, maintain adequate kidney function and force fluids. Gastric lavage is recommended for symptomatic patients only. Hemodialysis should be reserved for massive acute ingestion or patients with renal failure. DOT analysis of urine or blood is only useful for documenting exposure and should not be used to evaluate severity of poisoning or to guide treatment. (For further information: Litovitz T.L., Norman, S.A., Veltri, J.C., Annual Report of the American Association of Poison Control Centers Data Collection System. Am. J. Emerg. Med. 1986; 4:427-458

SECTION IV – FIRE FIGHTING MEASURES

General Hazard: None. Gourmet Liquid Ant Bait is not flammable, combustible, or explosive.

Extinguishing Media: Any fire extinguishing material may be used on nearby fires.

Flammability Classification (29 CFR 1910.1200):
Non –Flammable liquid.

SECTION V – ACCIDENTAL RELEASE MEASURES

General: Gourmet Liquid Ant Bait is a liquid.

Land Spill: No personal protective equipment is needed to clean up land spills.

SECTION VI – HANDLING AND STORAGE

Storage: Store product in original container in a cool place out of reach of children. Do not allow product to freeze.
Storage Temperature: Room Temperature (72° F) **Shelf Life:** It is advised product be used within 2 years.
Storage Pressure: Atmospheric **Storage Conditions:** Dry, indoor storage.

SECTION VII – EXPOSURE CONTROLS/ PERSONAL PROTECTION

None

SECTION VIII – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Slightly viscous liquid	Sol. In Water: 100%
Color: Colorless to light yellowish	pH: 7.9
Odor: Characteristic of aromatic compounds	Density: 1.133 g/ml
Specific Gravity: 1.14	Oxidation/Reduction: NA
Viscosity: @ 20°: 2.93, @ 40° 1.692	Compatibility:
	-Compatible with water, 10% monoammonium phosphate, iron powder.
	-Incompatible with potassium permanganate.

SECTION IX- TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (female rat) : >5000 mg/kg	Acute Dermal LD₅₀ : >5, 000 mg/kg
Acute Inhalation (rat): 2.06 mg/liter	Skin Irritation (rabbit): Slightly irritating
Eye Irritation (rabbit): Minimally irritating	Dermal Sensitization (Guinea Pig): None
	Primary Skin Irritation Index: 0. Non-corrosive.

SECTION X – DISPOSAL

Disposal Guidance: No special disposal treatment is required. Refer to state and local regulations for applicable site-specific requirements. Such product should be re-used for an appropriate application.	RCRA (40CFR 261): Gourmet Liquid Ant Bait is not listed under any sections of the Federal Resource Conservation and Recovery Act (RCRA).
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SECTION XI – TRANSPORTATION INFORMATION

Hazardous Material Classification: Gourmet Liquid Ant Bait is not a U.S. Department of Transportation Hazardous Material.	International Transportation: Gourmet Liquid Ant Bait has no U.N. Number and is not regulated under any international rail, highway, water, or air transport regulations.
Hazardous Substance Classification: Gourmet Liquid Ant Bait is not a U.S. Department of Transportation Hazardous substance.	

SECTION XII – REGULATORY INFORMATION

RCRA: Gourmet Liquid Ant Bait is not listed under any sections of the Federal Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.).	40CFR 141 et.seq. Consult state and local regulations for possible water quality advisories regarding boron.
Superfund: CERCLA/ SARA. Gourmet Liquid Ant Bait is <u>not</u> listed under CERCLA (the Comprehensive Environmental Response Compensation and Liability Act) or its 1986 amendments SARA (Superfund Amendments and Reauthorization Act).	IARC: The International Agency for Research on Cancer (of the World Health Organization) does not list or categorize Gourmet Ant Bait
Safe Drinking Water Act: Gourmet Liquid Ant Bait is not regulated under the SDWA, 42 USC 300g-1.	California Proposition 65: Gourmet Liquid Ant Bait is not listed on any Proposition 65 lists of carcinogens or reproductive toxicants.

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Date: July 2006