SAFETY DATA SHEET

DOMINANT™

Liquid ant bait

Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: DOMINANT™ Liquid Ant Bait

Recommended use of the chemical and restrictions on use: Kills and controls sweet eating ants. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Telephone: Phone: (800) 264-0870
Fax: (865) 577-5825

Emergency Phone: 800-535-5053 (INFOTRAC)

SDS Date of Preparation: 01/12/16

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health	Environment
Not Hazardous	Not Hazardous	Not Hazardous

GHS Label Elements:
None Required

Statements of Hazard
None Required

Precautionary Statement
None Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Non-Hazardous Ingredients	Proprietary	94.6%
Sodium Tetraborate Decahydrate (Borax)	1303-96-4	5.4%

The exact formulation is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Flush victim's eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation develops or persists.
Skin: Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.
Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Get medical attention for large ingestions or if symptoms develop or if you feel unwell.
Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Most important Symptoms: May cause slight eye irritation.

Indication of immediate medical attention/special treatment: Immediate medical attention should not be required.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire.
Specific hazards arising from the chemical: Burning may produce carbon monoxide and carbon dioxide.
Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective clothing as described in Section 8.

Methods and Materials for Containment and Cleaning Up: Collect with an inert absorbent and place in appropriate containers for disposal. Clean spill area thoroughly. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. Keep containers closed when not in use. Refer product label for additional information on use and handling.

Nonrefillable container. Do not reuse containers. Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry area away from incompatible materials. Keep containers closed when not in use. Do not store where children or animals may gain access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Sodium Tetraborate Decahydrate (as borate compounds)	2 mg/m3 TWA, 6 mg/m3 STEL ACGIH TLV (Inhalable)

Engineering Controls: Use with adequate ventilation to maintain exposure levels below the occupational exposure limits. Refer product label for additional information.
Respiratory Protection: In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.
Skin Protection: Use waterproof gloves for normal application of this product.
Eye Protection: Wear safety glasses to prevent eye contact.
Other: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear odorless liquid
Physical State: Liquid **Odor Threshold:** Not established
Vapor Density: N/A **Initial Boiling Point/Range:** 104°C (220°F)
Solubility In Water: 100% **Vapor Pressure:** Not determined
Relative Density: Not determined
Evaporation Rate: Not determined
Melting/Freezing Point: N/A **pH:** 7.12
Percent Volatile: None **Octanol/Water Coefficient:** N/A
Solubility: Soluble in water **Decomposition Temperature:** N/A
Viscosity: Not determined **Flammability (solid, gas):** N/A
Flashpoint: Not flammable **Autoignition Temperature:** None
Flammable Limits: LEL: Not determined **UEL:** Not determined

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive
Chemical Stability: Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions: Contact with oxidizing agents may cause an adverse reaction.
Conditions to Avoid: None known.
Incompatible Materials: Avoid oxidizing agents.
Hazardous Decomposition Products: When heated to decomposition emits carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:
Ingestion: May be harmful if large quantities are ingested.
Eye: May cause slight irritation.
Skin: Not expected to cause irritation.
Chronic: Borates have been shown to have some chronic toxicity in animals fed high doses, similar to that of alcohol, but this has not been found in humans.
Sensitization: This material is not expected to cause sensitization.
Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.
Germ Cell Mutagenicity: No data available
Reproductive Toxicity: Borates have been found to have some reproductive toxicity in animals, but this has not been found in humans.

Numerical Measures of Toxicity:
Product Toxicity Data:
Oral rat LD_{50}: >5000 mg/kg, Dermal rabbit LD_{50}: >2000 mg/kg

12. ECOLOGICAL INFORMATION

This product breaks down naturally in the environment to provide organic matter and boron micro nutrients. Boron occurs naturally in sea water at an average concentration of 5 mg B/l and fresh water at 1 mg B/l or less. In dilute aqueous solutions the predominant boron species present is undissociated boric acid.

Ecotoxicity:
Sodium Tetraborate Decahydrate: 96hr LC_{50} Common Dab: 74 mg B/L, 48hr LC_{50} Daphnia magna: 530 mg B/L, 96hr EC_{10} Green algae: 24 mg B/L

Persistence and Degradability: Boron is naturally occurring and ubiquitous in the environment. Dominant Liquid Ant Bait decomposes in the environment to natural borate.
Bioaccumulative Potential: Not determined.
Mobility in Soil: Not determined.
Other Adverse Effects: Some plants are sensitive to boron. Avoid releases into the environment. This product is designed to be used for certain types of insects. Use product only as directed on the label. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. See product label for full instructions and restrictions on use.

13. DISPOSAL CONSIDERATION

Do not contaminate water when disposing of equipment washwaters or rinsate. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Non-refillable container; do not reuse or refill this container. Completely empty container into application equipment, then offer for recycling, if available; otherwise dispose of empty container in a sanitary landfill or by incineration. Never place unused product down any indoor or outdoor drain. Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORTATION INFORMATION

DOT Hazardous Materials Description: Not Regulated

15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Labeling:

Dominant Liquid Ant Bait
EPA Reg. No. 64405-23
Keep Out of Reach of Children

PRECAUTIONARY STATEMENTS

Environmental Hazards: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminated water when disposing of equipment washwaters or rinsate.

Physical/Chemicals Hazards: Do not mix or allow contact with oxidizing agent. Hazardous chemical reaction may occur.

CERCLA: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Not hazardous

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

None

EPA TSCA Inventory: This product is regulated under FIFRA, thus exempt.

16. OTHER INFORMATION

NFPA Rating:
Health = 0 Flammability = 0 Instability = 0

HMIS Rating:
Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: 03/26/15: New SDS
01/12/16: Revised

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