

# MATERIAL SAFETY DATA SHEET

## SEMASPORE BAIT™

Health Emergencies: PLANET NATURAL (406) 587-5891

### SECTION I - PRODUCT IDENTIFICATION

Manufacturer: Planet Natural  
1612 Gold Ave.  
Bozeman, MT 59715  
(406) 587-5891 Fax: (406) 597-0223

Product Trade Name: **Semaspore Bait™**  
EPA Registration No. 54735-5  
Chemical Name: Nosema locustae Canning  
Chemical Family: None; Biological Insecticide

### SECTION II - HAZARDOUS INGREDIENTS

Component	%	Threshold Limit Value (Units)
Nosema locustae Canning	0.05	N/A
Inert Ingredients	99.95	Nuisance Dust: ACGIH & OSHA Respirable Dust: 5mg/m <sup>3</sup> Total Dust: 10 (ACGIH) - 15 (OSHA)mg/m <sup>3</sup>

### SECTION III - PHYSICAL DATA

Appearance: Wheat flakes	Vapor Pressure: N/A
Odor: None	Specific Gravity: N/A
Boiling Point: N/A	Evaporation Rate: N/A
Solubility in Water: Insoluble	Vapor Density: N/A
% Volatile: N/A	Bulk Density: 15-20 lbs./ft <sup>3</sup>
Autoignition Temperature: N/A	

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A (does not flash) FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: Considered non-combustible; use medium approach to surrounding fire. CO<sub>2</sub> or dry chemical for small fires; water spray or foam for large fires.

FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing. Keep non-essential personnel away from immediate fire area; and out of any fall-out or run-off areas.

UNUSUAL FIRE & EXPLOSION HAZARDS: Dusts may form explosive mixtures with air; avoid use of heavy water streams.

### SECTION V - REACTIVITY DATA

STABILITY: Stable; Conditions to Avoid: See SECTION IX  
INCOMPATIBILITY (Materials to Avoid): None  
HAZARDOUS DECOMPOSITION PRODUCTS: None  
HAZARDOUS POLYMERIZATION: Will not occur

### SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Routes of Entry: Ingestion, inhalation, eye and skin contact. Most likely route of entry: Dermal. Product is considered non-toxic.

EMERGENCY & FIRST AID PROCEDURES: Avoid inhalation, ingestion, or contact with eyes or open wounds.

INGESTION: Drink 1 or 2 glasses of water. If irritation occurs, induce vomiting. Never induce vomiting or give anything by mouth to an unconscious person. Keep head lower than chest to avoid aspiration into lungs. If irritation persists, get medical attention.

EYES: Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. If irritation persists, get medical attention.

SKIN: Wash affected area thoroughly with soap and water. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If irritation persists, get medical attention.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Overexposure to dust may aggravate existing respiratory disease, leading to respiratory difficulty.

POTENTIAL CARCINOGEN STATUS: Not known. None of the components in this product is listed by IARC, NTP or OSHA as a potential carcinogen. (IARC CANCER REVIEW; ANIMAL INADEQUATE EVIDENCE; IMEMDT 12, 37, 76; IARC Monogr Eval Carcinog Risk Chem Man.)

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill; vacuum, scoop or sweep up and place in container for disposal.

WASTE DISPOSAL METHOD: Material which can not be used at the site should be disposed of in an approved waste facility following all applicable Federal, State and Local regulations. Completely empty container into application equipment (if any), then dispose of empty container in sanitary landfill. If allowed by State and Local authorities, empty containers may be burned. If burned, stay out of smoke.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATION PROTECTION: If airborne concentrations of this material approach allowable limits, wear MSHA/NIOSH-approved respirator for wheat bran dust.

VENTILATION: Local Exhaust: Not normally required. Special: Not normally required. Mechanical (General): Not normally required. Use if ventilation is not adequate. Other: Work in a well ventilated area.

PROTECTIVE GLOVES: Work gloves or impervious gloves recommended.

EYE Protection: Not normally required; follow local work rules.

OTHER PROTECTIVE EQUIPMENT: Wear clothing consistent with good practices for handling and applying pesticides.

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from children, domestic animals, food and feed products. Optimum storage temperature is 5° C (42° F). For best results, use within 13 weeks of date of formulation. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills which occur during storage and handling.

OTHER PRECAUTIONS: Do not directly contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

### SECTION X - DOT INFORMATION AND DATE

DOT CLASSIFICATION: N/A  
DOT LABEL: None Required

DATE OF ISSUE: 01-Apr-90

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1612 Gold Ave. • Bozeman, MT 59715  
(406) 587-5891  
www.planetnatural.com