

Material Safety Data Sheet

Product Name: Nemasys®
Product Code: MBL_NEMASYS

HMIS Codes: H F R P
1 1 0 X

Section I – Manufacturer and Distributor Identification

Manufacturer's Name: Becker Underwood, Inc. **Address:** P.O. Box 667, 801 Dayton Ave., Ames, IA 50010
Emergency Phone: Chemtrec (800) 424-9300 **Information Phone:** (515) 232-5907
Prepared By: MSDS Coordinator **Date Revised:** April 19, 2005

Section II – Hazardous Ingredients/SARA III Information

Components Occupational Exposure Limits

Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
<i>Steinernema feltiae</i> paste	NE	NE	NE	90%
Inert Carrier	Proprietary	15 mg/m ³ total dust 5 mg/m ³ respirable fraction	10 mg/m ³	10%

No reportable quantities of toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372 are present

Section III - Physical/Chemical Characteristics

Melting Point: NE **Specific Gravity: (H₂O = 1):** NA
Vapor Density: NA **Evaporation Rate:** NA
Solubility In Water: Soluble **Appearance and Odor:** Light brown, moist gel

Section IV - Fire and Explosion Hazard Data:

Flash Point: NA **Method Used:** NA
Flammable Limits in Air by Volume: NA **Lower:** NA **Upper:** NA
Extinguishing Media: Foam, alcohol foam, CO₂, dry chemical, water fog
Fire Fighting Precautions & Hazards: Fire fighters should wear butyl rubber boots, gloves, and body suit and a NIOSH/MSHA self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Not a fire or explosion hazard when stored under normal conditions.

Section V – Reactivity Data

Stability: Stable
Conditions to Avoid: Variations in temperature. High humidity.
Incompatibility (Materials to Avoid): Active ingredient is a living organism. Do not expose to heat or excessive cold or sunlight. Only mix with water. Avoid pesticides and biocides.
Hazardous Decomposition Products: When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide and carbon dioxide or other toxic compounds depending on the chemical composition and combustion conditions.
Hazardous Polymerization: Will not occur.

Section VI - Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: Prolonged inhalation may lead to respiratory tract irritation.
Skin and Eye Contact Health Risks and Symptoms of Exposure: Prolonged or repeated contact may result in mechanical irritation.
Skin Absorption Health risks and Symptoms of Exposure: None expected.
Ingestion Health Risks and Symptoms of Exposure: Ingestion of large quantities may be harmful.
Health Hazards (acute and chronic): None known.

Section VI - Health Hazard Data (Continued)**Carcinogenicity** NTP? No IARC Monographs? No**Existing Medical Conditions Generally Aggravated By Exposure:** May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.**Emergency and First Aid Procedures:****Eyes:** Flush with flowing water for at least 15 minutes. Call a physician.**Skin:** Wash affected area with soap and water. If irritation develops consult a physician. Remove and launder contaminated clothing before reuse.**Inhalation:** If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.**Ingestion:** Get immediate medical attention. Unless advised otherwise, dilute with water or milk.**Section VII – Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled:** Contain the spill to prevent a large discharge to surface streams or storm sewers. Vacuum or use wet clean-up techniques and place recovered product in a closable container.**Waste Disposal Method:** Disposal must be made in accordance with federal, state, and local regulation.**Precautions to be Taken in Handling and Storing:** Local exhaust. Do not freeze. Avoid unnecessary skin contact. Do not breathe fumes. Store at 5°C/40°F.**Other Precautions:** Eye wash fountains should be easily accessible. As with all chemicals, keep out of the reach of children.**Section VIII - Control Measures****Respiratory:** If excessive dust is present, wear NIOSH/MSHA approved respirator. Permissible exposure levels for nuisance dust should be observed.**Ventilation:** Local exhaust or containment.**Clothing:** Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.**Eye:** Safety glasses are recommended.**Other:** Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.**Section IX - Shipping and Labeling Information****D.O.T. Shipping Data:** Not regulated.**D.O.T. Hazard Classification** NA**D.O.T. Labels Required:** NA**D.O.T. Identification** NA**Section X - Disclaimer**

The above information is based upon the state of our knowledge of the product and the information supplied by component manufacturers at the time of writing. No warranty is implied with respect to the quality of the product. The user should satisfy themselves that the product is suitable for the intended use. Becker Underwood Inc. accepts no responsibility for any loss or injury arising from the use of this information or from the customer's storage, handling and application of the product.