



106 BURNDY ROAD
LITTLETON, NH 03561
MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name/Non-Emergency Phone No: Morflex, Inc and/or <u>McLaughlin Gormley King</u> Company	Emergency Phone Numbers Veolia(spills):(800) 354-2382 Medical: Poison Control Center Information:(800) 258-4696
Product Trade Name Ben's 100 Insect Repellent EPA Reg. No: 56575-7	Chemical Name [N,N-diethyl-m-toluamide]
Chemical Family Not Applicable	Date Issued: 10/22/07 Date Revised: 1/22/08

SECTION II: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Percent by weight	Exposure Limits ACGIH(TLV) / OSHA(PEL)
DEET[N,N-diethyl-m-toluamide]	000134-62-3	99.8	N/A

OTHER IMPORTANT INGREDIENTS:

SECTION III: HAZARDS IDENTIFICATION

Emergency Overview: Note: This hazard evaluation is based on information from component products.
Routes of Entry: Skin, mouth, eyes
Potential Acute Health Effects: <i>Eyes:</i> May cause severe eye injury. Damage reversible <i>Skin:</i> May cause skin irritation. Can cause a burning or prickling sensation on more sensitive area (face, eyes, mouth) Do not apply over cuts, wounds, or irritated skin. Do not use on infants. Not recommended for use on children under the age of 10. Dizziness, disorientation, may cause central nervous system (CNS) disturbances. Harmful if absorbed through the skin <i>Inhalation:</i> Excessive inhalation can cause nasal and respiratory irritation <i>Ingestion:</i> Slightly toxic, Oral (rat)LD ₅₀ : 1950 mg/kg
Potential Chronic Health Effects: <i>Carcinogenic Effects:</i> None of the components on this chemical are listed by IARC, NTP, or OSHA as a carcinogen

SECTION IV: FIRST AID MEASURES

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 mins. Remove contact lenses, if present, after the first 5 mins., then continue rinsing eye. Call poison control or doctor for treatment advice.	Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 mins. Call poison control or doctor for treatment advice.
Ingestion: Call poison control or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control or doctor. Do not give anything by mouth to an unconscious person.	Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible. Call poison control or doctor for treatment advice.

SECTION V: FIRE FIGHTING MEASURES

Flash Point: >200° F	Flammable Limits: Not Applicable
Extinguishing Media: Use extinguishing media appropriate for surrounding fire: Foam, carbon dioxide, or dry chemical	
Special Fire-Fighting Procedures: Treat as an oil fire. Fire fighters should use self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Remove all unprotected persons from the area. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Contain and isolate runoff and debris for proper disposal. Decontaminate personal protective equipment and fire fighting equipment before reuse.	
Fire and Explosion Hazards: Under fire conditions this product may support combustion and may decompose to give off toxic gases.	

Hazardous Combustion Products: Toxic fumes from burning containers and packaging may cause inhalation hazard.

SECTION VI: SPILL OR LEAK PROCEDURES

Spill and Leak Procedures: Contain spills and leaks to prevent discharge into the environment. Take precautions to avoid contact with skin, eyes, and clothing. Avoid breathing vapors and/or spray mist of this product. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not normally required but recommended in absence of good ventilation.

SECTION VII: HANDLING AND STORAGE

Handling: Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Keep product in its original container. Do not contaminate food or feed. **KEEP OUT OF REACH OF CHILDREN**

Storage: Keep container tightly closed. Store in a dry place away from extreme heat and cold. Store in original container

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None **Ventilation:** Good mechanical ventilation **Protective Clothing:** None

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear oily liquid	Odor Mild characteristic odor	Specific Gravity(H₂O=1)@25°C 0.996	Solubility in Water Insoluble
Boiling Point 160° C @ 19 mm Hg	Melting Point - 45° F	Vapor Pressure 1.67 x 10 ⁻³ mm Hg @ 25° C	Vapor Density 6.7
Viscosity Not Applicable	Evaporation Rate Not Applicable	pH Not Applicable	

SECTION X: STABILITY/REACTIVITY INFORMATION

Stability: Stable	Conditions to Avoid: Flame, high heat, and strong oxidizers
Incompatibility (Materials to Avoid): Strong acidic or alkaline materials (strong oxidizing materials)	Hazardous Decomposition Products: Combustion will produce carbon monoxide, carbon dioxide, and oxides of nitrogen.
Hazardous Polymerization: Combustion will produce carbon monoxide, carbon dioxide, and oxides of nitrogen.	

SECTION XI: DISPOSAL CONSIDERATIONS

Waste Disposal Method: This product is not a hazardous solid waste as defined in Resource Conservation Recovery Act Regulations (40 CFR 261). Dispose of partially filled and empty containers by wrapping and discarding in trash. Do not reuse any empty containers. Contaminated absorbent and wash water should be disposed of according to local, state and Federal regulations.

SECTION XII: TRANSPORTATION INFORMATION

DOT Shipping Name: N/A **DOT Hazard Class:** N/A **DOT PG:** N/A **DOT Identification Number:** N/A

N/A=Not applicable

SECTION XIII: REGULATORY INFORMATION

TSCA: All components of this product are listed or are exempt from listing on the TSCA inventory

SARA (Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372): Not listed

RCRA/CERCLA Hazardous Substances (40 CFR 302): Not listed

California Proposition 65: Not listed

Pennsylvania Right-to-Know Hazardous Substances list: Not listed

Section XIV: OTHER INFORMATION

HMIS		
Health: 1	Flammability: 1	Reactivity: 0
Special: None		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

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