

**Material Safety Data Sheet  
and Safe Handling and Disposal Information**

**Section 1. Chemical Product and Company Identification**

**Product name** DEET Foam Mosquito Repellant

**Product Code** EDF3

**Date of issue** 09/04/03 **Supersedes**

This product is a registered pesticide. Number: 46813-46-40849

**Emergency Telephone Numbers** **For MSDS Information:**  
Compliance Services (404) 352-1680

**For a Medical Emergency:**  
CHEM-TEL  
**(800) 255-3924 (Toll Free - Calls Recorded)**

**For a Transportation Emergency:**  
CHEMTREC  
**(800) 424-9300 (Toll Free - Calls Recorded)**

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**Section 2. Composition, Information on Ingredients**

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
DEET; diethyltoluamide; N,N-diethyl-m-toluamide	134-62-3	8.89	Not available.
MGK(R) 264; N-Octyl Bicycloheptene Dicarboximide	113-48-4	1.11	Not available.

**Section 3. Hazards Identification**

**Acute Effects** **Routes of Entry** Eye contact. Inhalation

**Skin** May cause skin sensitization. May cause allergic reactions to certain individuals.

**Eyes** May cause eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** May be harmful by inhalation after often repeated exposure.

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

**Ingestion** Harmful if swallowed. Ingestion may cause gastrointestinal irritation and diarrhea.

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** No known chronic effects from exposure. Repeated or prolonged exposure is not known to aggravate medical condition.

**See Toxicological Information (section 11)**

**Section 4. First Aid Measures**

**Eye Contact** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact** Wash affected area with soap or mild detergent and water. Get medical attention if irritation develops.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

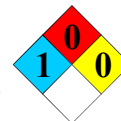
**Section 5. Fire Fighting Measures**

**Flash Point** Not applicable. **Flammable Limits** Not applicable.

**Flammability** Non-flammable.

**Fire Hazard** Cool closed containers exposed to fire with water. Container explosion may occur under fire conditions or when heated.

**Fire-Fighting Procedures** Use DRY chemicals, CO2, water spray or foam. Fire fighters should wear proper protective equipment.



**Section 6. Accidental Release Measures**

**Spill Clean up** Spills are unlikely in this form. Place unused product in a suitable waste container.

**Section 7. Handling and Storage**

**Handling** CONTENTS UNDER PRESSURE. Avoid contact with eyes. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling.

**Storage** Store in a dry, cool and well-ventilated area. Store below 120°F. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)****Eyes** Safety glasses.**Body** No special protective clothing is required.**Respiratory** A respirator is not needed under normal and intended conditions of product use.**Section 9. Physical and Chemical Properties****Physical State** Liquid. (Aerosol.)**Color** Clear to white.**pH** 7.3 - 8.3**Odor** Characteristic.**Boiling Point** 100°C (212°F)**Vapor Pressure** 7.3 kPa (55 mmHg) (at 20°C)**Specific Gravity** 1 (Water = 1)**Vapor Density** Not determined.**Solubility** Easily soluble in cold water, hot water.**Evaporation Rate** Not determined.**VOC (Consumer)** 25%**Section 10. Stability and Reactivity****Stability and Reactivity** The product is stable.**Incompatibility** Strong oxidizing materials**Hazardous Polymerization** Will not occur.**Hazardous Decomposition Products** Hydrogen Fluoride (HF) , Hydrogen Bromide (HBr) , Hydrocarbon fumes, Carbon Monoxide**Section 11. Toxicological Information****Toxicity to Animals** Not available.**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OECD** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream** Non-hazardous waste**Consult your local or regional authorities.****Section 14. Transport Information****Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not available.**TDG Classification** Consumer Commodity ORM-D**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

**State Regulations** California prop. 65: No products were found.**WHMIS (Canada)** Not controlled under WHMIS (Canada).**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*