



SAFETY DATA SHEET

Revision Date 5-May-2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4810-ES Bug Off! Wipes

Product Code 4810-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Insect Repellent

Details of the Supplier of the Safety Data Sheet

Supplier Address

Delta Foremost Chemical Corporation
3915 Air Park St.
Memphis, Tennessee 38118

Emergency Telephone Number

Company Phone Number (901) 363-4340
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Skin Irritation	Category 2
Eye Irritation	Category 2A

Signal Word

WARNING

Hazard Statements

Causes skin irritation
Causes serious eye irritation



Appearance Premoistened wipe

Physical State Solid

Odor Mild

Precautionary Statements - Prevention

Take off contaminated clothing and wash before reuse.
Wash thoroughly after handling.
Wear eye protection, face protection, and protective gloves.

Precautionary Statements - Response

If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.

Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
N,N-diethyl-m-toluamide (DEET)	134-62-3	Proprietary

Product contains a proprietary mixture of ingredients.

4. FIRST AID MEASURES**First Aid Measures****General Advice**

If you feel unwell, seek medical advice.

Eye Contact

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Contact

Rinse skin with water/shower.

Inhalation

Remove victim to fresh air.

Ingestion

Rinse mouth out with water. Do NOT induce vomiting.

Indication of any Immediate Medical Attention and Special Treatment Needed**Note to Physicians**

Treat symptomatically. Not expected to present a significant hazard under anticipated conditions of normal use.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use water spray, fog, or foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None.

Hazardous thermal decomposition products:

Carbon dioxide, carbon monoxide

Specific firefighting methods:

Exercise caution when fighting any chemical fires. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Protective Equipment and Precautions for Firefighters

Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions	Isolate from fire, if possible, without unnecessary risk. Wear protective goggles, gloves, and clothing.
-----------------------------	--

Methods and Material for Containment and Cleaning Up

Methods for Containment	Contain released substance, pump into suitable containers.
--------------------------------	--

Methods for Cleaning Up	This material and its container must be disposed of in a safe way, and as per local legislation.
--------------------------------	--

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Advice on Safe Handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink, or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
--------------------------------	--

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Keep container closed when not in use. Meet the local requirements. Store in a cool, dry and well-ventilated place.
---------------------------	---

Incompatible Materials	Oxidizing agents.
-------------------------------	-------------------

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

This product contains no ingredients with occupational exposure limits.

Appropriate Engineering Controls

Engineering Controls	Use appropriate personal protective equipment when risk assessment indicates this is necessary.
-----------------------------	---

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Protective goggles.
----------------------------	---------------------

Skin and Body Protection	Protective gloves.
---------------------------------	--------------------

Respiratory Protection Not required under typical use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Solid	Odor	Mild
Appearance	Premoistened wipe	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not available		
Flash Point	Not determined		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.00 (liquid portion)	(1=Water)	
Water Solubility	Soluble in water (liquid portion)		
Solubility in Other Solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Excess heat.

Incompatible Materials

Oxidizing agents.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Inhalation	No symptoms under normal use.
Ingestion	Expected to be a low ingestion hazard. May cause gastrointestinal complaints.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
N,N-diethyl-m-toluamide (DEET) 134-62-3	= 500 mg/kg (Rat)		

Information on Physical, Chemical and Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.
-----------------	--

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ Cell Mutagenicity	None.
Carcinogenicity	None.
STOT - Single Exposure	None.
Chronic Toxicity	None.
Aspiration Hazard	None.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
N,N-diethyl-m-toluamide (DEET) 134-62-3		Rainbow Trout – 97mg/l, 96 h		Daphnia – 75 ppm, 48 h

Bioaccumulation

Not determined

Persistence and Degradability

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not flush wipes.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15. REGULATORY INFORMATION

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-to-know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312: None.

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If the product becomes hazardous waste it would be assigned RCRA code(s):

D001

FIFRA information: This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to labeling information 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.

California Prop 65:

This product does not contain any substance known to the state of California to cause cancer and/or reproductive toxicity.

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

0

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

0

Physical Hazards

0

Personal Protection

Not determined

Revision Date

5-May-2016

Revision Note

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet