



# SAFETY DATA SHEET

Revision Date 30-October-2015

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 4807 Insect-O-Fog Plus

**UN/ID No** UN3082  
**Product Code** 4807

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Pesticide

### 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 Sensitization	Category 1B
Aspiration Hazard	Category 2
Acute Toxicity (Inhalation)	Category 5
Acute Toxicity (Oral)	Category 5
Flammable liquids	Category 4

### Signal Word

**Warning**

### Hazard Statements

May cause an allergic skin reaction  
May be harmful if swallowed and enters airways  
May be harmful if inhaled  
Combustible liquid



**Appearance** Clear yellow liquid

**Physical State** Liquid

**Odor** Sweet

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not handle until all safety precautions have been read and understood  
 Do not eat, drink, or smoke when using this product  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

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 advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces.  
 No smoking.

**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**

Toxic to aquatic life with long lasting effects  
 Toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum Distillate	64742-47-8	Proprietary
Pyrethrins	8003-34-7	Proprietary
Piperonyl Butoxide	51-03-6	Proprietary
MGK®-264 ( <i>n</i> -octylbicycloheptene dicarboximide)	113-48-4	Proprietary

Product contains a proprietary mixture of ingredients.

### 4. FIRST AID MEASURES

**First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush immediately with copious amounts of water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation persists, see physician.
<b>Skin Contact</b>	Flush thoroughly with water and cleanse with soap and water for 15-20 minutes. Remove contaminated clothes and wash before reuse. Get medical attention if irritation occurs.
<b>Inhalation</b>	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

<b>Ingestion</b>	IMMEDIATELY call a poison control center or doctor/physician for treatment advice. DO NOT give <b>any</b> liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.
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#### **Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Nausea, irritation to eyes, nose and throat. May absorb through skin and cause toxic effects and damage to kidneys, spleen, pancreas and liver.
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#### **Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Contains pyrethrins and petroleum distillates. Vomiting may pose an aspiration pneumonia hazard. For skin effects, a highly therapeutic agent for pyrethrin exposure is topical application of Tocopherol Acetate (Vitamin E).
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### **5. FIRE-FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Foam, carbon dioxide or dry chemical extinguisher.

**Unsuitable Extinguishing Media** Water jet.

#### **Specific Hazards Arising from the Chemical**

Combustible.

**Sensitivity to Static Discharge** Take precautionary measures against static discharge.

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Ventilate affected area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
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<b>Environmental Precautions</b>	Contains pyrethrins, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.
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#### **Methods and Material for Containment and Cleaning Up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb spill with inert material (e.g. dry sand or earth). Clean spill area of residues and absorbent.
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<b>Methods for Cleaning Up</b>	Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.
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**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Keep out of the reach of children. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not apply directly to or permit this product to come in contact with desirable plants, woody, or herbaceous plants. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Ground/bond container and receiving equipment. Do not breathe vapors or spray mist. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep containers closed when not in use. Apply only as specified on label.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions**

Keep containers tightly closed in a cool, well-ventilated place under lock and key. Post a pesticide storage area. Keep away from heat, sparks, open flame, and any other ignition sources. Keep away from strong acids, bases, and oxidizers. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

**Incompatible Materials**

Strong oxidizing agents, strong acids or bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Distillate 64742-47-8	TWA: 100 mg/m <sup>3</sup> total hydrocarbons inhalable fraction and vapor, S*		
Pyrethrins 8003-34-7	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	

**Appropriate Engineering Controls**

**Engineering Controls**

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection**

Take prudent precautions to avoid contact with eyes.

**Skin and Body Protection**

Wear protective Neoprene™ gloves, Rubber gloves. An apron or other impermeable body protection is suggested.

**Respiratory Protection**

Solvent type mask.

**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**

Liquid

**Appearance**

Clear yellow liquid

**Odor**

Sweet

**Color**

Golden yellow

**Odor Threshold**

Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not determined	
Flash Point	83.3 °C / 182 °F	Tag Closed Cup
Evaporation Rate	Not determined	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not listed	
Vapor Density	Heavier than air	
Specific Gravity	0.797	(1=Water)
Water Solubility	Not soluble	
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

Keep out of reach of children.

### Incompatible Materials

Strong oxidizing agents, strong acids or bases.

### Hazardous Decomposition Products

Not determined.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information**

<b>Eye Contact</b>	Irritation clearing in 24 hours.
<b>Skin Contact</b>	Slight irritation at 72 hours. Irritation index = 0.96
<b>Inhalation</b>	LC50: >8.40 gm/L (Rat)
<b>Ingestion</b>	LD50: >5.0 gm/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**

**Carcinogenicity** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as being carcinogens.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum Distillate 64742-47-8		35: 96 h Pimephales promelas mg/L LC50 flow-through		

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Other Adverse Effects**

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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations. Non-refillable container. DO NOT reuse or refill this container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Pyrethrins 8003-34-7		Included in waste stream: F039		U031

**14. TRANSPORT INFORMATION**

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

**DOT**

**UN/ID No** UN3082  
**Proper Shipping Name** Environmentally Hazardous Substance  
**Hazard Class** 9  
**Packing Group** III  
**Reportable Quantity (RQ)** 1 lb

**IATA**

**UN/ID No** UN3082  
**Proper Shipping Name** Environmentally Hazardous Substance  
**Hazard Class** 9  
**Packing Group** III

**IMDG**

**UN/ID No** UN3082  
**Proper Shipping Name** Environmentally Hazardous Substance  
**Hazard Class** 9  
**Packing Group** III

**15. REGULATORY INFORMATION**

**International Inventories**

Not Determined

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Piperonyl Butoxide	51-03-6	Proprietary	2.0

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Pyrethrins 8003-34-7	1 lb		RQ 1 lb final RQ

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum Distillate 64742-47-8	X		

**VOLATILE ORGANIC COMPOUNDS (VOC):**

This product contains less than 2% VOCs.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):**

**NOTE:** This chemical is a pesticide product registered by the United States Environmental Protection Agency (EPA) and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets and for workplace labels of non-pesticide chemicals.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Instability</b> 1	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 2	<b>Flammability</b> 2	<b>Physical Hazards</b> 1	<b>Personal Protection</b> Not determined

**Revision Date** 30-October-2015  
**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**