



SAFETY DATA SHEET

Revision Date 13-July-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4884-ES Insecti-Mist

UN/ID No UN 1950
Product Code 4884-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Insecticide.

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

Flammable Aerosols	Category 2
Gas under pressure	Liquefied gas
Eye Irritation	Category 2b

Signal Word

Warning

Hazard Statements

Flammable aerosol
Contains gas under pressure
May explode if heated



Precautionary Statements - Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/ 122F. Store in a well ventilated place.

Wash hands thoroughly after handling.

Precautionary Statements - Response

LEAKING GAS FIRE: Do not extinguish unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.

IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothing and wash before reuse.

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.

Precautionary Statements - Storage

Store locked up

Protect from sunlight

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)**Other Hazards****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Propane/n-butane	68476-86-8	Proprietary
Hydrotreated Petroleum Distillates	64742-47-8	Proprietary
Piperonyl Butoxide	51-03-6	Proprietary
N-octyl bicycloheptene dicarboximide	113-48-4	Proprietary

Product contains a proprietary mixture of ingredients.

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

DANGER. Flammable. Contents under pressure. Harmful or fatal if swallowed. Aspiration hazard if swallowed. Keep away from heat and flame. Can cause nervous system depression.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing another ten minutes. Get medical attention if irritation persists.

Skin Contact

Wash skin with soap and plenty of water, while removing contaminated clothing and shoes. Wash items before reuse. If irritation occurs, get medical attention.

Inhalation

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Seek immediate medical help.

Ingestion	Rinse mouth with water. Do NOT induce vomiting unless directed by medical authority. Seek medical attention.
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Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Eyes: redness, tearing, blurred vision
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam, carbon dioxide or dry chemical extinguisher. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Do not use water jet.

Specific Hazards Arising from the Chemical

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products

Carbon dioxide, Carbon monoxide

Specific fire-fighting methods

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so. Absorb liquid with non-combustible material like vermiculite, sand, or earth. May require excavation of severely contaminated soil. Avoid discharge into drains, water courses, or onto the ground. Eliminate sources of ignition.
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Methods for Cleaning Up	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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling this product must be grounded. Do not reuse empty containers. Use personal protection recommended in Section 8. Wear eye/face protection. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Avoid breathing mists. Use only in well-ventilated areas.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep container closed and store in a cool, dry and well-ventilated place. Keep in properly labeled containers. Store locked up.

Incompatible Materials

Some plastics and strong oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane/n-butane 74-98-6	1000ppm	TWA: 1000 mg/m3	-
Hydrotreated Petroleum Distillate 64742-47-8	400ppm	TWA: 400ppm	
Piperonyl butoxide	Not established	Not established	
N-octyl bicycloheptene dicarboximide	Not established	Not established	

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

Goggles or face shield.

Skin and Body Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective Neoprene™ gloves, Rubber gloves.

Respiratory Protection

Not required for normal use.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands after use and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State

Gas, Aerosol

Appearance	Mist	Odor	Insecticidal
Color	Gold/yellow	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Not determined		
Flash Point	>200F Liquid portion		
Evaporation Rate	<1		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	0.4		
Vapor Density	<6		
Specific Gravity	.82 estimated	(1=Water)	
Water Solubility	Insoluble in water		
Solubility in Other Solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	370F		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not available		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS Definition(s).

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

Temperatures greater than 122F and sources of ignition.

Incompatible Materials

Some plastics and strong oxidizers

Hazardous Decomposition Products

May release CO_x, smoke, and noxious vapors when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact

Causes eye irritation. Symptoms include stinging, tearing, and redness.

Skin Contact

Causes skin irritation. Prolonged contact may dry the skin and cause sensitization. Symptoms may include redness, burning, drying of skin and skin burns.

Inhalation	High vapor or aerosol concentrations are irritating to the eyes and respiratory tract. May cause dizziness. Excessive exposure may lead to oxygen deprivation and unconsciousness.
Ingestion	Causes gastrointestinal irritation, nausea, diarrhea, vomiting.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isoparaffinic Hydrocarbon 64742-47-8	5g/kg (Rat)	>2g/kg, 24 Hours (Rabbit)	= 5 mg/L (Rat) 4 h

Information on Physical, Chemical and Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ Cell Mutagenicity	May cause genetic defects.
Carcinogenicity	This material is not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.
STOT - Single Exposure	Eyes: redness, tearing, blurred vision.
Chronic Toxicity	Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function, and potential loss of life..
Aspiration Hazard	May be fatal if swallowed and enters airways.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecological information:** Not established**Routes of entry:** Ingestion, Inhalation, Skin**Bioaccumulation:** Components in this mixture can bioaccumulate in aquatic organisms.**Soil mobility:** This product is mobile in soil.**Other ecological hazards:** None known.**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.

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	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	2.1
Packing Group	N/A

IATA

UN/ID No	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	2.1
Packing Group	N/A

IMDG

UN/ID No	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	2.1
Packing Group	N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not Regulated

CERCLA Hazardous Substance List (40 CFR 302.4)
Pyrethrins Listed

SARA 304 Emergency Release Notification
Not Regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Listed

SARA 311/312 Hazardous Chemical

No

U.S. State Regulations

California Proposition 65: None

16. OTHER INFORMATION

NFPA**Health Hazards**

2

Flammability

2

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

2

Flammability

2

Physical Hazards

0

Personal Protection

A

Revision Date

13-July-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