



# SAFETY DATA SHEET

Revision Date 2-June-2015

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 4841-ES Hi Power Wasp and Hornet Killer

**UN/ID No** UN 1950

**Product Code** 4841-ES

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

**Recommended Use** Industrial cleaner.

### 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

Aspiration Hazard	Category 1
Acute toxicity, Inhalation (mists)	Category 4
Skin irritant	Category 2
Skin Sensitization	Category 1
Eye irritant	Category 2
Specific Target Organ Toxicity (single exposure)	Category 3
Flammable Aerosols	Category 1
Gas under pressure	Compressed Gas

### Signal Word

**Danger**

### Hazard Statements

Keep out of reach of children.  
Read label and SDS before use.  
Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
May be fatal if swallowed and enters airways.  
May cause drowsiness or dizziness.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause allergic skin reaction.  
Harmful if inhaled.



**Appearance** Amber liquid

**Physical State** Liquid

**Odor** Solvent

**Precautionary Statements - Prevention**

Avoid breathing mist or spray.  
Use only outdoors or in a well-ventilated area.  
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.  
Wash hands thoroughly after handling.  
Wear protective gloves.  
Wear eye protection.  
Contaminated work clothing must not be allowed out of the workplace.

**Precautionary Statements – Response**

If ON SKIN: Wash with plenty of soap and water.  
IF EXPOSED OR CONCERNED: Get medical advice/ attention.  
Specific treatment ( see supplemental first aid instructions on this label).  
IF SKIN IRRITATION OCCURS: Get medical advice/ attention.  
Take off contaminated clothing and wash before reuse.  
IF SWALLOWED: Do not induce vomiting. Call a poison control center or doctor/physician immediately. Rinse Mouth  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor/physician if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation occurs: get medical advice/ attention.

**Precautionary Statements - Storage**

Store locked up  
Protect from sunlight, heat, and sparks.  
Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant in accordance with all local, regional, and national regulations.

**Hazards Not Otherwise Classified (HNOC)**

Not applicable.

**Other Hazards**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Aliphatic Hydrocarbons	64742-47-8	Proprietary
Carbon Dioxide	124-38-9	Proprietary
Piperonyl Butoxide	51-03-6	Proprietary
Permethrin	52645-53-1	Proprietary
Tetramethrin	7696-12-0	Proprietary

Product contains a proprietary mixture of ingredients.

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

<b>General Advice</b>	If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing another ten minutes. If eye irritation persists: seek medical attention.
<b>Skin Contact</b>	Wash skin with soap and plenty of water, while removing contaminated clothing and shoes. Wash items before reuse. If skin irritation occurs get medical attention.
<b>Inhalation</b>	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. If symptoms persist or condition declines, get medical attention.
<b>Ingestion</b>	Harmful or fatal if swallowed. Seek medical attention immediately. Aspiration hazard- this material can enter the lungs during swallowing or vomiting and cause lung inflammation and damage.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Defatting of the skin. May cause skin dryness and irritation. May be fatal if swallowed and enters airways. Ingestion may result in nausea, vomiting, and/or diarrhea.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use water spray, fog, or foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not applicable.

**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.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus with a full face-piece operated in a positive pressure mode, MSHA/NIOSH (approved or equivalent) and full protective gear.

**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.

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

**Personal Precautions** Put on appropriate personal protective equipment (see section 8).

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Absorb liquid with sawdust, sand or industrial absorbent. May require excavation of severely contaminated soil.

**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.

**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. 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** Do not use or store near heat, sparks, or open flames. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin, or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

**Incompatible Materials**

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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aliphatic Hydrocarbons 64742-47-8	TWA: 300ppm	TWA: 300 ppm	-
Carbon Dioxide 124-38-9	TWA: 800 ppm	-	-

**Appropriate Engineering Controls**

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

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

<b>Eye/Face Protection</b>	Goggles or face shield.
<b>Skin and Body Protection</b>	Wear impervious protective gloves to prevent skin contact. Wear protective Neoprene™ gloves, Rubber gloves.
<b>Respiratory Protection</b>	Use in a well-ventilated area. When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 must be followed.
<b>General Hygiene Considerations</b>	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**

<b>Physical State</b>	Liquid	<b>Odor</b>	Solvent
<b>Appearance</b>	Clear spray/ mist	<b>Odor Threshold</b>	Not determined
<b>Color</b>	colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not determined		
Melting Point/Freezing Point	Not available		
Boiling Point/Boiling Range	Not available		
Flash Point	142 °F - closed cup		
Evaporation Rate	Not established		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Typical 10V (based on mineral oil)		
Lower Flammability Limit	Typical 1V (based on mineral oil)		
Vapor Pressure	Not established		
Vapor Density	Not established		
Specific Gravity	0.8	(1=Water)	
Water Solubility	Insoluble in water		
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**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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**Conditions to Avoid**

Avoid heat, sparks, open flames and other ignition sources.

**Incompatible Materials**

Acids and strong oxidizers.

**Hazardous Decomposition Products**May release CO<sub>x</sub>, smoke, and noxious vapors when heated to decomposition.**11. TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Product Information**

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation and dryness.
<b>Inhalation</b>	High vapor/ aerosol concentrations (>1000ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous effects, including death. May cause peripheral nervous system disorder and/or damage.
<b>Ingestion</b>	May be harmful if swallowed. Aspiration hazard – this material can enter the lungs during swallowing or vomiting and cause lung inflammation and damage.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
FM 4841	>5000 mg/kg ( Rat )	5000 mg/kg ( Rabbit )	>4.73 mg/L ( Rat ) 4 h

**Information on Physical, Chemical and Toxicological Effects**

<b>Symptoms</b>	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**

<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	This material is not listed as a carcinogen by IARC, NTP, or OSHA.
<b>STOT - Single Exposure</b>	No data available.
<b>Chronic Toxicity</b>	No data available.
<b>Aspiration Hazard</b>	May be harmful if swallowed and enters airways.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

This product is toxic to fish and aquatic invertebrates.

**Component Information**

Not Determined

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Contains components with the potential to bioaccumulate.

**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.

**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**

<b>UN/ID No</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**IATA**

<b>UN/ID No</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**IMDG**

<b>UN/ID No</b>	UN 1950
<b>Proper Shipping Name</b>	Aerosols, flammable
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**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****Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)**

Piperonyl Butoxide

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** Hazardous Categories – 40 CFR 370.2:

ACUTE (X) CHRONIC (X) FIRE (X) PRESSURE (X) REACTIVE ( ) NOT APPLICABLE ( )

**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 this product becomes hazardous waste it would be assigned RCRA Code(s)

NONE

**FIFRA information**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from 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.

Signal word: CAUTION

Precautionary Statements: Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	4	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	4	0	G

Revision Date 2-June-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**