



SAFETY DATA SHEET

Revision Date 7-March-2018

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4312-ES Lemon-Glo Aerosol

UN/ID No

Product Code 4312-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

Flammable Aerosols	Category 2
Aspiration Hazard	Category 1
Gasses Under Pressure	Liquefied Gas
Eye Irritant	Category 2B

Signal Word

DANGER

Hazard Statements

Flammable aerosol

May be fatal if swallowed and enters airways

Contains gas under pressure; may explode if heated

Causes eye irritation



Appearance White Foam

Physical State Liquid / Foam

Odor Lemon

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/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.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Get medical attention if irritation persists.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation persists: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or a doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place.
Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Mineral Seal Oil	64741-44-2	Proprietary
Propane/n-Butane	68476-86-8	Proprietary

Product contains a proprietary mixture of ingredients.

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

General Advice	If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment.
Eye Contact	Immediately flush with water for 15 – 20 minutes while holding eyelids open. Seek medical attention if irritation persists.
Skin Contact	Immediately wash with soap and warm water for 15 minutes.
Inhalation	Move to fresh air. If breathing difficulty persists, seek medical attention.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical attention or advice.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Eye: Stinging, tearing, and redness. Oral: Aspiration risk.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, or carbon dioxide (CO₂).

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Contents under pressure. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Protective Equipment and Precautions for Firefighters

Wear NIOSH-approved Self-Contained Breathing Apparatus with a full face-piece operated in a positive-pressure demand mode with full-body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire-exposed containers with water fog to prevent bursting.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Refer to Section 8 for proper Personal Protective Equipment.

Methods and Material for Containment and Cleaning Up

Methods for Containment Absorb with non-combustible material like vermiculite, sand, or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains.

Methods for Cleaning Up Dispose of in accordance with all local, state, and federal regulations. Product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Pressurized container: Do not pierce or burn, even after use.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Seal Oil 64741-44-2	TWA: 5 mg/m ³	TWA: 5 mg/m ³	
Propane/n-Butane 68476-86-8	TWA: 1,000 ppm		

Appropriate Engineering Controls

Engineering Controls General ventilation is adequate.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection	Not required.
Respiratory Protection	Not required with normal use. Wear NIOSH/MSHA-approved respiratory protection if exposure limits are exceeded.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Wash hands and clothing in contact with product after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid / Foam	Odor	Lemon
Appearance	White Foam	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	6.0 – 7.0		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	>390°F		
Flash Point	200°F		
Evaporation Rate	<1		
Flammability (Solid, Gas)	Flammable aerosol		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not determined		
Vapor Pressure	23 @ 77°F (25°C)		
Vapor Density	1		
Specific Gravity	0.95 @ 77°F (25°C)	(1=Water)	
Water Solubility	75% soluble 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

If exposed to strong oxidizers, presents an explosion hazard.

Chemical Stability

Stable.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization	Hazardous polymerization does not occur.
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Conditions to Avoid

Temperatures greater than 122°F and sources of ignition.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon, various hydrocarbons.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information**

Eye Contact	Causes mild eye irritation.
Skin Contact	May cause skin irritation and localized defatting. Redness and itching or a burning sensation may indicate excessive exposure.
Inhalation	May cause irritation to the respiratory tract.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane/n-Butane 68476-86-8			= 1,237 mg/L (Mouse) 120 min = 1355mg/L (Rat) 2 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	None known.
Carcinogenicity	This material is not listed as a carcinogen by IARC, NTP, or OSHA.
STOT - Single Exposure	None known.
Acute Toxicity	Eyes: Stinging, tearing, and redness. Oral: Aspiration risk.
Chronic Toxicity	None known.
Aspiration Hazard	May be fatal if swallowed and enters airways.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

This product is not classified as environmentally hazardous. Prevent run-off to sewers, streams, or other bodies of water. Product contains oil.

Persistence and Degradability

This product is biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Bioaccumulation

Not determined

Mobility

This product is mobile in soil.

Other Adverse Effects

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. Do not puncture, incinerate, or crush. Product should be fully characterized prior to disposal (40 CFR 261).

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	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Packing Group	N/A

IATA

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Packing Group	N/A

IMDG

UN/ID No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Packing Group	N/A

15. REGULATORY INFORMATION**International Inventories**

Not Determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - 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

Title III Section 311/312 Hazardous Categories – 40 CFR 370.2:

Acute (X) Chronic () 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.**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

Propane/n-Butane (CAS 68476-86-8)

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propane/n-Butane CAS 68476-86-8	X	X	X

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

1

Flammability

1

Instability

1

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

1

Physical Hazards

1

Personal Protection

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Revision Date

7-March-2018

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