



# SAFETY DATA SHEET

Revision Date 11-June-2020

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 4576-ES Linen Quik Aerosol  
**EPA Registration No.** 3862-188-1203

**UN/ID No** UN1950  
**Product Code** 4576-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 liquids	Category 2
Eye Irritation	Category 2A
Gasses under pressure	Liquefied gas

### Signal Word

**WARNING**

### Hazard Statements

Flammable aerosol  
Causes serious eye irritation  
Contains gas under pressure; may explode if heated



**Appearance** Clear colorless liquid

**Physical State** Liquid

**Odor** Pleasant

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection  
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  
Protect from sunlight. Do not expose to temperatures exceeding 50°C.  
Store in a well-ventilated place  
Wash hands thoroughly after handling

**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): Rinse skin with water/shower. Wash contaminated clothing before reuse  
If skin irritation persists: Get medical advice/attention  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Ethanol	64-17-5	Proprietary
Isobutane	75-28-5	Proprietary
Propane	74-98-6	Proprietary
Ortho-phenylphenol	904-43-7	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>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
<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.
<b>Ingestion</b>	Do NOT induce vomiting. Immediate medical attention is required.

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

<b>Symptoms</b>	Nausea, dizziness, irritation to skin and/or mucous membranes.
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**Indication of any Immediate Medical Attention and Special Treatment Needed****Note to Physicians**

Treat symptomatically.

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

Foam, carbon dioxide, dry chemical extinguisher, or water spray.

**Unsuitable Extinguishing Media** Water jet.**Specific Hazards Arising from the Chemical**

Flammable/combustible material. May be ignited by heat, sparks or flames. Vapors may travel to source of ignition and flash back. Container may explode in heat or fire.

**Hazardous Combustion Products** Carbon monoxide.**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. Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat. Use air-supplied equipment for enclosed areas.

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

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). In case of a spill, clear the affected area and protect people. Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions**

Prevent entry into waterways, sewers, basements or confined areas.

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

Absorb with non-combustible material, like vermiculite, sand, or earth and rinse with a small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state, and federal regulations.

**Methods for Cleaning Up**

Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled, Call your local solid waste agency for disposal instructions. For waste disposal, see section 13 of the SDS.

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

Protect from sunlight. Store in a well-ventilated place. Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Ensure containers are properly labeled. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Wash face, hands, and any exposed skin thoroughly after handling. When using do not eat, drink or smoke.

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

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials**

Strong oxidizers such as permanganate.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	TWA: 1,000 ppm	TWA: 1,000 ppm TWA: 1,900 mg/m <sup>3</sup>	-
Propane 74-98-6	TWA: 1,000 ppm	-	-
Isobutane 75-28-5	TWA: 1,000 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.

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

**Eye/Face Protection** Splash goggles or safety glasses.

**Skin and Body Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**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

<b>Physical State</b>	Liquid	<b>Odor</b>	Pleasant
<b>Appearance</b>	Clear colorless liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	7.0-8.0	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	70 °F	Tag Closed Cup
Evaporation Rate	Not determined	(butyl acetate = 1)
Flammability (Solid, Gas)	Flammable aerosol	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not available	
Vapor Density	Not available	(Air=1)
Specific Gravity	0.9	(1=Water)
Water Solubility	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	
VOC content	59	(wt. %)

## 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 away from oxidizers, heat and open flame.

### Incompatible Materials

Strong oxidizers such as permanganate.

### Hazardous Decomposition Products

Oxides of carbon

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information**

#### **Eye Contact**

Causes severe irritation.

#### **Skin Contact**

May cause mild skin irritation with prolonged contact.

#### **Inhalation**

Acute exposure may cause nausea, vomiting, coughing, and pulmonary irritation.

#### **Ingestion**

Causes gastrointestinal irritation, nausea, and vomiting.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol 64-17-5	= 7060 mg/kg ( Rat )	-	= 20000 ppm ( Rat ) 10 h
Isobutane 75-28-5			= 1,355 mg/L ( Rat ) 2 h = 481,000 mg/L ( Mouse ) 4 h
Propane 74-98-6			= 1,237 mg/L ( Mouse ) 120 min = 1,355 mg/L ( Rat ) 4 h

### Information on Physical, Chemical and Toxicological Effects

#### **Symptoms**

Please see section 4 of this SDS for symptoms.

### Numerical Measures of Toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not determined.

### Persistence and Degradability

Component or components of this product are not biodegradable.

### Bioaccumulation

This product is not expected to bioaccumulate.

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. 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. Product should be fully characterized prior to disposal.

## 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, Limited Quantity
Hazard Class	2.1
Packing Group	N/A

### IATA

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

### IMDG

UN/ID No	UN1950
Proper Shipping Name	Aerosols, Limited Quantity
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/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****CERCLA**

Fire Hazard

**SARA 311/312 Hazard Categories**

Ethanol, 64-17-5

Acute Health, Chronic Health

Fire/Flammable

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

Isobutane (CAS 75-28-5)

Propane (CAS 74-98-6)

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethanol 64-17-5	X	X	X
Isobutane 75-28-5	X	X	X
Propane 74-98-6	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	4	1	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	4	1	B

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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**