



# SAFETY DATA SHEET

Revision Date 5-Aug-2020

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 4506-ES All Purpose 75% Alcohol Wipes  
**Product Code** 4506-ES

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

**Recommended Use** Cleaning wipes

### 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 Solids	Category 2
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### Signal Word

**DANGER**

### Hazard Statements

Flammable liquid and vapor



**Appearance** Clear liquid

**Physical State** Liquid / Wipe

**Odor** Alcohol

### Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection  
If medical advice is needed, have product container or label at hand. Read label before use.

**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  
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  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Ethanol	64-17-5	74-76%
Glycerol	56-81-5	0.4-.06%
Aloes, extract	85507-69-3	0.004-0.006%
Tocopheryl acetate	58-95-7	0.004-0.006%

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. Loosen clothing as necessary and position individual in a comfortable position. Consult a physician / poison center if individual's condition declines or if symptoms persist.
<b>Ingestion</b>	Immediate medical attention is required. Drink a glass of water. If symptoms persist, contact a Poison Control Center or a physician.

**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**

<b>Note to Physicians</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Alcohol resistant foam, dry chemical powder.

**Unsuitable Extinguishing Media** None.

**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. Avoid contamination with oxidizing agents i.e. nitrates, oxidizing agents, chlorine bleaches, pool chlorine, etc.

**Hazardous Combustion Products** Carbon monoxide, carbon dioxide.

**Sensitivity to Static Discharge** Flammable solid.

**Protective Equipment and Precautions for Firefighters**

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Do not inhale gases, fumes, dust, mist, vapor, and aerosols.

## 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** For small spills, absorb on polypads or other suitable non-reactive absorbent materials. For large spills, dike far ahead of spill for later disposal. Absorb with materials such as: non-combustible material, cat litter / sand.

**Methods for Cleaning Up** 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.

## 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. 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. Keep containers closed when not in use. Use non-sparking hand tools and explosion-proof electrical equipment. Take precautionary measures against static discharges. Ground all equipment to prevent buildup of static charge. Avoid breathing vapors or mists.

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

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

**Incompatible Materials** Oxidizing materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Glycerol 56-81-5	-	TWA: 15 mg/m <sup>3</sup> (total dust) TWA: 5 mg/m <sup>3</sup> (respirable fraction)	-

### Appropriate Engineering Controls

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of use or handling.

### 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** Not required under normal conditions of use. Use suitable respiratory protective device when high concentrations are present.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

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

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not available	
Flash Point	Not available	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Flammable	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not available	
Vapor Density	Not established	
Specific Gravity	Not available	
Water Solubility	Not available	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not available	
Autoignition Temperature	Not available	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	

<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Flammable. Used empty containers may contain product gases that form explosive mixtures with air.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### Conditions to Avoid

Keep away from oxidizers, heat and open flame.

### Incompatible Materials

Oxidizing materials.

### Hazardous Decomposition Products

Toxic oxides of carbon, acrid and irritating fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

<b>Eye Contact</b>	May cause eye irritation.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	Over-exposure to vapors could result in upper respiratory tract irritation.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol 64-17-5	= 7,060 mg/kg ( Rat )	-	-
Glycerol 56-81-5	= 7,750 mg/kg ( Guinea pig ) = 4,090 mg/kg ( Mouse ) = 12,600 mg/kg ( Rat )	-	-
Tocopheryl acetate 58-95-7	> 16,000 mg/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**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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

There is no specific data available for this product.

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Other Adverse Effects**

Isopropanol has acute toxicity with effects of death in animals and low growth rates and death in plants.

**Mobility**

Aqueous solution has high mobility in soil.

**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	1170
Proper Shipping Name	Ethyl alcohol solutions
Hazard Class	3
Packing Group	II

**IATA**

UN/ID No	1170
Proper Shipping Name	Ethyl alcohol solutions
Hazard Class	3
Packing Group	II

**IMDG**

UN/ID No	1170
Proper Shipping Name	Ethyl alcohol solutions
Hazard Class	3
Packing Group	II

## 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 311/312 Hazard Categories

Fire hazard	Yes
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#### SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ethanol, CAS No. 64-17-5

### US State Regulations

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethanol 64-17-5	X	X	X

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	2	0	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	2	0	Not determined

Revision Date	5-Aug-2020
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**