



# SAFETY DATA SHEET

Revision Date 6-January-2016

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 4313-ES Hi-Gloss Stainless Steel Polish & Cleaner Aerosol

**UN/ID No**

**Product Code** 4313-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

### Signal Word

**DANGER**

### Hazard Statements

Flammable aerosol

May be fatal if swallowed and enters airways

Contains gas under pressure; may explode if heated

Keep out of reach of children

Read label and SDS before use



**Appearance** Creamy emulsion

**Physical State** Liquid

**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.

**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 Oil	804-47-5	Proprietary
Butane	106-97-8	Proprietary
Propane	74-98-6	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**

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 occurs.

**Skin Contact**

Flush with water while removing contaminated clothing and shoes before reuse. If irritation persists, get medical attention.

**Inhalation**

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. If symptoms persist, call a physician.

**Ingestion**

Harmful or fatal if swallowed. Seek medical attention immediately. Aspiration hazard – this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

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

Liquid in eyes can cause pain and irritation. Ingestion may result in irritation of mouth and gastrointestinal tract. Vomiting may cause chemical pneumonia.

**Indication of any Immediate Medical Attention and Special Treatment Needed****Note to Physicians**

Treat symptomatically.

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

Water, fog, or foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. Flammable aerosol. 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.

**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**

Wear protective clothing as described in Section 8 of this safety data sheet.

**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.

**Methods for Cleaning Up**

Stop all leaks. Isolate hazardous area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams, or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil, and other materials to containers for disposal.

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

Pressurized container. Do not pierce or burn, even after use. Do not use near heat, sparks, or open flame. 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**

Acids and strong oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Oil 8042-47-5	TWA: 5 mg/m <sup>3</sup> (mist)		
Butane 106-97-8	TWA: 1,000 ppm		
Propane 74-98-6	TWA: 1,000 ppm	TWA: 1000 ppm	TWA: 1000 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

Goggles or face shield.

#### Skin and Body Protection

Wear impervious protective gloves to prevent skin contact. Wear protective Neoprene™ gloves, Rubber gloves.

#### Respiratory Protection

When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

#### 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

Liquid / aerosol

#### Appearance

Creamy emulsion

#### Color

White

#### Odor

Lemon

#### Odor Threshold

Not determined

#### Property

#### Values

#### Remarks • Method

#### pH

7.0 – 9.0

#### Melting Point/Freezing Point

Not determined

#### Boiling Point/Boiling Range

87 °C / 189 °F

#### Flash Point

Not determined

#### Evaporation Rate

Not established

#### Flammability (Solid, Gas)

Not determined

#### Upper Flammability Limits

Not applicable

#### Lower Flammability Limit

Not determined

#### Vapor Pressure

Not determined

#### Vapor Density

Not established

#### Specific Gravity

0.90

(1=Water)

#### Water Solubility

70% 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

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

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

### Incompatible Materials

Acids, strong oxidizing agents.

### Hazardous Decomposition Products

CO, CO<sub>2</sub>

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information**

#### **Eye Contact**

May cause eye irritation. Symptoms include stinging, tearing, and redness.

#### **Skin Contact**

May cause skin irritation.

#### **Inhalation**

High vapor concentrations may be irritating to respiratory tract.

#### **Ingestion**

Harmful or fatal if swallowed. Aspiration hazard – This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Butane 106-97-8			1355mg/L ( Rat ) 2 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.

### 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.

<b>Chronic Toxicity</b>	None known.
<b>Aspiration Hazard</b>	Harmful or fatal if swallowed.

**Numerical Measures of Toxicity**

Not determined

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

This product is not classified as environmentally hazardous.

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Butane	2.89
Propane	2.36

**Bioaccumulation**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not puncture, incinerate, or crush.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not puncture, incinerate, or crush.

**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>	UN1950
<b>Proper Shipping Name</b>	Aerosols
<b>Hazard Class</b>	2.1
<b>Packing Group</b>	N/A

**IATA**

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

**IMDG**

<b>UN/ID No</b>	UN1950
<b>Proper Shipping Name</b>	Aerosols
<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

#### 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):

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Butane CAS 106-97-8	X	X	X
Propane CAS 74-98-6	X	X	X

## 16. OTHER INFORMATION

### NFPA

#### Health Hazards

2

#### Flammability

4

#### Instability

0

#### Special Hazards

Not determined

### HMIS

#### Health Hazards

2

#### Flammability

4

#### Physical Hazards

0

#### Personal Protection

B

Revision Date

6-January-2016

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