SAFETY DATA SHEET

Revision Date 13-Sept-2021 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 606-ES Dry Moly Aerosol

UN/ID No UN1950
Product Code 606-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Lubricant.

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)

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

2. HAZARDS IDENTIFICATION

Classification

Aerosols	Category 1
Gases Under Pressure	Liquefied Gas
Acute Toxicity Oral	Category 4
Eye Irritation	Category 2A
Skin Irritation	Category 2
Carcinogenicity	Category 1B
Germ Cell Mutagenicity	Category 1B
Reproductive Toxicity	Category 2
Specific Target Organ Toxicity -Repeated Exposure	Category 2
Specific Target Organ Toxicity – Single Exposure (Narcotic Effects)	Category 3

Signal Word
Danger

Hazard Statements
Causes skin and serious eye irritation
Extremely flammable aerosol; pressurized container may burst if heated
May be fatal if swallowed and enters airways
Extremely flammable liquid and vapor
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure
Suspected of causing cancer

Appearance Dark liquid **Physical State** Liquid **Odor** Sulfide

Precautionary Statements - Prevention
Keep out of reach of children
Read label before use
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source
Do not pierce or burn, even after use.
Do not handle until all safety precautions have been read and understood
Avoid breathing mist/spray

Precautionary Statements – Response
If ON SKIN: Immediately remove contaminated clothing. 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: Immediately call a poison control center or physician. Do NOT induce vomiting.
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.
In case of fire: Use water fog, dry chemical, or carbon dioxide to extinguish. Collect spillage.

Precautionary Statements - Storage
Store locked up
Protect from sunlight, heat, and sparks.
Store in a well-ventilated place. 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)
May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Methylene Chloride	75-09-2	Proprietary
Petroleum Gases, Liquefied, Sweetened	68476-86-8	Proprietary
Isopropyl Alcohol	67-63-0	Proprietary
Toluene	108-88-3	Proprietary
Aromatic Hydrocarbon Mixture >C9	64742-95-6	Proprietary

Product contains a proprietary mixture of ingredients.

4. FIRST AID MEASURES

First Aid Measures

General Advice In cases of shortness of breath, give oxygen. If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment. Keep victim under observation. Keep victim warm.

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT DELAY irrigation or attempt to remove the lens. Continue rinsing. Call a physician or poison control center immediately. Remover source of exposure or move person to fresh air.

Skin Contact Take off immediately all contaminated clothing. Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Call a physician or poison control center immediately. Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.

Inhalation If symptoms develop move victim to fresh air. Give oxygen or artificial respiration if needed. Do not use mouth-to-mouth if victim inhaled the substance. Call a physician or poison control center immediately. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical assistance is symptoms persist.

Ingestion If swallowed: Immediately call a POISON CENTER or physician. Rinse mouth with water thoroughly. Never give anything by mouth to a victim who is unconscious or having convulsions. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so stomach content doesn't go into lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask with a one-way valve or other proper respiratory medical device.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms Dizziness. Nausea. Irritation of eyes and mucous membranes. Skin irritation. Prolonged exposure may cause chronic effects. Aspiration may cause pulmonary edema and pneumonitis. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Provide general supportive measures and treat symptomatically. In cases of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water, fog, dry chemical, or carbon dioxide. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Unsuitable Extinguishing Media Water may be ineffective but can be used to cool containers exposed to heat or flame. Do not use a solid stream of water as it may scatter and spread fire.

Specific Hazards Arising from the Chemical

Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Aerosol cans may rupture when heated. Heated cans may burst. In fire, will decompose to carbon dioxide, carbon monoxide. Fire may produce irritating, corrosive, and/or toxic gases.

Protective Equipment and Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill if it can be done safely. Move undamaged containers from immediate hazard area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials, if spilled, may evaporate leaving a flammable residue. Care should always be exercised in dusty or misty areas.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during cleanup. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of this SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area.) Use explosion-proof equipment.

Emergency Procedure Flammable/combustible material.
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stay upwind; keep out of low areas. Immediately turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or Walk through spilled material. Clean up immediately. Use absorbent sweeping compound And put into suitable container for proper disposal.

Methods and Material for Containment and Cleaning Up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in the immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. If possible, turn leaking containers so that gas escapes rather than liquid. Isolate area until gas has dispersed. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements, or confined areas.

Small spills: Wipe up with absorbent material (fleece/cloth). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS. This material and its container must be disposed of as hazardous waste.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. May be ignited by open flame. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid exposure – obtain special instructions before use. Do not breathe mist or vapor. Do not breathe gas. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged and repeated contact. Avoid prolonged exposure. Do not get this material on clothing. When using, do not eat, drink, or smoke. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breast-feeding women must not handle this product. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices. For industrial and institutional use only. For use by trained personnel only.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep in properly labeled containers. Store locked up. Protect from sunlight and do not expose to temperatures above 122 F. Do not puncture, incinerate, or crush. Do not handle or store near flame, heat, or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see section 10 of this SDS). Store in cool, dry, well-ventilated areas away from heat and direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Methylene Chloride 75-09-2	TWA: 50 ppm	TWA: 25 ppm STEL: 125 ppm	
Petroleum Gases, Liquefied, Sweetened 68476-86-8		TWA: 500 ppm TWA: 2000 mg/m^3	
Toluene 108-88-3	TWA: 20 ppm	TWA: 0.2 mg/m^3 TWA: 200 (a)/300 ceiling ppm	TWA: 100 ppm TWA: 375 mg/m^3 STEL: 150 ppm STEL: 560 mg/m^3
Aromatic Hydrocarbon Mixture >C9 64742-95-6	[(L)[N159](L) [N800]]; [5 (I) [N159]5 (I) [N800]]; mg/m^3	TWA: 2000 mg/m^3 STEL: 125 ppm	
Isopropyl Alcohol 67-63-0	TWA: 200 ppm STEL: 400 ppm		TWA: 400 ppm TWA: 980 mg/m^3 STEL: 1225 mg/m^3
Xylene 1330-20-7	STEL: 150 ppm	TWA: 435 mg/m^3 TWA: 100 ppm	TWA: 100ppm TWA: 435 mg/m^3 STEL: 655 mg/m^3 STEL: 150 ppm
Benzene 71-43-2	TWA: 0.5 ppm STEL: 2.5 ppm		TWA: 0.1c STEL: 1c

Appropriate Engineering Controls

Engineering Controls

Ventilation must be adequate (typically 10 changes per hour) 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

Eye/Face Protection Tight fitting goggles or face shield with side shields or vented/splash-proof goggles. Contact lenses may absorb irritants. Avoid contact with the eyes.

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

Respiratory Protection If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Wear air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate, organic gases, and vapors.

General Hygiene Considerations Do not get in eyes. When using, do not eat, drink, or smoke. Do not get this material in contact with skin. Avoid contact with skin. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Biological Limit Values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling time
Methylene Chloride	0.3mg/l	Dichloromethane	Urine	*

*-For sampling details, please see the source document.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Dark Liquid	**Odor**	Sulfide
Color	Dark	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
pH	Not determined	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	N/A	
Flash Point	Below 73ºF/ 23ºC	
Evaporation Rate	Slower than ether	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	N/A	
Specific Gravity	.N/A	(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	
Density	7.55 lb/gal	
Density VOC	2.59 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity
Stable

Chemical Stability
Risk of explosion and ignition. Unstable. Material is stable under normal 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. Aerosol containers are unstable at temperatures above 49 C. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible Materials
Strong oxidizing agents.

Hazardous Decomposition Products
In fire, will decompose to carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Direct contact with eyes may cause serious irritation. Overexposure will cause redness and burning sensation.

Skin Contact Causes skin irritation. Overexposure will cause defatting of skin.

Inhalation May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation.

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Toluene 108-88-3	=2600-7500 mg/kg (Rat) <870 mg/kg (Neonatal rat)	=12225 mg/kg (Rabbit)	=8800 ppm (Rat) 4h =6000 ppm (Rat) 6h
Methylene Chloride 75-09-2	=2100-3000 mg/kg (Rat)		=11600 ppm (Guinea Pig) 6h =57000 ppm (Rat) 15m =16186 ppm (Mouse) 8h
Isopropyl Alcohol 67-63-0	=4710mg/kg (Rat, male) =3600 mg/kg (Mouse)	=12870 mg/kg (Rabbit)	= 17000 mg/L (Rat) 4 h

Information on Physical, Chemical and Toxicological Effects

Symptoms Dizziness, headache, nausea, irritation of the nose and throat, aspiration may cause pulmonary edema and pneumonitis, irritation of the eyes and mucous membranes, skin irritation. May cause redness and pain.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ Cell Mutagenicity	No data available.
Carcinogenicity	Suspected of causing cancer. Hazardous by OSHA and WHMIS criteria. Cancer hazard. Methylene Chloride 2B Possible human carcinogen Methylene Chloride: Cancer Methylene Chloride is reasonably anticipated to be a human carcinogen
STOT - Single Exposure	Respiratory system. May cause damage to organs through prolonged or repeated exposure.
Chronic Toxicity	Inhalation exposure may result in neurological symptoms, including paraesthesiae, respiratory irritation, and gastrointestinal disturbances. Long term exposure causes damage to the CNS and to the liver. Repeated or prolonged contact with skin may cause dermatitis.
Aspiration Hazard	May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects.

Component Information
No data available.

Persistence and Degradability
No data is available on the degradability of this product.

Bioaccumulation
No data available.

Mobility in soil No data available

Other Adverse Effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in full accordance with applicable regional, national and local laws and regulations. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste.
Contaminated Packaging	Disposal should be in full accordance with applicable regional, national and local laws and regulations.

US RCRA Hazardous Waste U List: Reference

Methylene Chloride	U080

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, flammable
Hazard Class	2.1
Packing Group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity – ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/30/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN/ID No	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1
Packing Group	N/A
Other information	
Passenger and Cargo Aircraft	Allowed
Packaging Exceptions	LTD QTY

IMDG

UN/ID No	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1
Packing Group	N/A
Environmental Hazards	
Marine pollutant	Yes
EmS	Not available
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Packaging Exceptions	LTD QTY

15. REGULATORY INFORMATION

International Inventories

Not Determined

US Federal Regulations

This product is a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All Components are on the U.S. EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

Methylene Chloride Listed

OSHA Specifically Regulated Substances (CFR 1910.1001 – 1050)

Methylene Chloride: Cancer, Heart, Central Nervous System, Liver, Skin Irritation, Eye Irritation

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories

Immediate Hazard – Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

SARA 311/312 Hazardous Chemical:
Yes.

SARA 313 (TRI Reporting)
Methylene Chloride

OTHER FEDERAL REGULATIONS

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPS) List
Methylene Chloride (CAS 75-09-2)

Safe Drinking Water Act (SDWA) Not Regulated

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Rhode Island	Massachusetts	Pennsylvania
Toluene 108-88-3	X	X	X	X
Methylene Chloride 75-09-2	X	X	X	X
Petroleum Gases, Liquefied, Sweetened 68476-86-8	X	X	X	X

California Proposition 65
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US – California Proposition 65 - CRT: Listed date/ Carcinogenic substance
Methylene Chloride (CAS 75-09-2) Listed: April 1, 1988

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	2	3	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	2	3	0	B

Revision Date 13-Sept-2021
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