



SAFETY DATA SHEET

Revision Date 18-April-2025

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 602-ES Dri'N Lube Aerosol

UN/ID No Consumer Commodity
Product Code 602-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Industrial 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)

2. HAZARDS IDENTIFICATION

Classification

Gases Under Pressure	Liquefied Gas
Skin Irritation	Category 2
Carcinogenicity	Category 1B

Signal Word

DANGER

Hazard Statements

Contains gas under pressure; may explode if heated
Causes skin irritation
May cause cancer



Appearance Brown liquid

Physical State Liquid

Odor Petroleum

Precautionary Statements - Prevention

If medical advice is needed, have product container label on hand
Keep out of reach of children
Read label before use
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves, protective clothing, eye protection and face protection
Wash hands thoroughly after handling

Precautionary Statements – Response

IF exposed or concerned: Get medical attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical attention
Take off contaminated clothing and wash it before reuse

Precautionary Statements - Storage

Store locked up
Protect from sunlight, heat, and sparks.
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national and international regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Tetrachloroethylene	127-18-4	Proprietary
Calcium Petroleum Sulfonate	61789-86-4	Proprietary
Ethylene glycol monobutyl ether	111-76-2	Proprietary
Crude oil	8002-05-9	Proprietary
Carbon dioxide	124-38-9	Proprietary
Carbon Tetrachloride	56-23-5	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

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed/feel unwell/concerned: Call a POISON CENTER or doctor. Eliminate all ignition sources if safe to do so.

Ingestion	Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position.
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Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	No data available
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	No data available
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. 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. Sand or earth may be used for small fires only. Do not direct a solid stream of water or foam into hot, burning pools. This may result in frothing and increased fire intensity.

Unsuitable Extinguishing Media No data available

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. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build up of internal pressures. Cool with water.

Empty Containers retain product residue which may exhibit hazards of material; therefore do not pressurize, cut, glaze, weld or use for any other purposes.

Container could potentially burst or be punctured upon mechanical impact, releasing flammable vapors

Protective Equipment and Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

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.

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

Personal Precautions	Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.
Recommended Equipment	Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA).
Emergency Procedure	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.
Environmental Precautions	Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Material for Containment and Cleaning Up

Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

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

Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. Use in a well-ventilated place.

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

Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Petroleum Sulfonate		TWA: 2000 mg/m ³ TWA: 500 ppm	
Carbon Tetrachloride	TWA: 5 ppm STEL: 10 ppm	TWA: 10 (a) / 25 ceiling STEL: 200ppm / 5min in any 3 hours	STEL: 12.6b mg/m ³ STEL: 2b ppm
Carbon Dioxide	TWA: 5000 ppm STEL: 30000 ppm	TWA: 9000 mg/m ³ TWA: 5000 ppm	TWA: 9000 mg/m ³ TWA: 5000 ppm STEL: 54000 mg/m ³ STEL: 30000 ppm
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 240 mg/m ³ TWA: 50 ppm	TWA: 24 mg/m ³ TWA: 5 ppm
Tetrachloroethylene	TWA: 25 ppm STEL: 100 ppm	TWA: 100 (a)/ 200 ceiling ppm STEL: 300 ppm /5 min. in any 3 hours	

Appropriate Engineering Controls**Engineering Controls**

Ventilation must be adequate 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**

Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

Skin and Body Protection

Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection

In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

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	Odor	Petroleum
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Brown		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not determined		
Melting Point/Freezing Point	N/A		
Boiling Point/Boiling Range	N/A		
Flash Point	N/A		
Evaporation Rate	N/A		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Will not burn		
Lower Flammability Limit	Will not burn		
Vapor Pressure	Not established		
Vapor Density	Not established		
Density	11.74		
Density VOC	0.74		
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		
% VOC	6.27%		

10. STABILITY AND REACTIVITY

Reactivity

Stable

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, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting.

Incompatible Materials

Avoid strong oxidizers, reducers, acids, and alkalis.

Hazardous Decomposition Products

No data available.

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

Skin Corrosion/Irritation	Causes eye irritation.
Likely Route of Exposure	Inhalation, ingestion, skin absorption.
Serious Eye Damage/Irritation	No data available.
Carcinogenicity	May cause cancer.
Germ Cell Mutagenicity	No data available.
Reproductive Toxicity	No data available.
Respiratory/Skin Sensitization	No data available.
Specific Target Organ Toxicity- Single Exposure	No data available.
Specific Target Organ Toxicity- Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Component Information

Tetrachloroethylene (127-18-4)	LC50 (rat): Approximately 3786 ppm (4-hour exposure) (22); approximately 4000 ppm (4-hour exposure) (23) LC50 (mouse): 5200 ppm (4-hour exposure) (24) LD50 (oral, rat): Approximately 2600 mg/kg (cited as 1.6 mL/kg) (20) LD50 (oral, male rat): 3835 mg/kg (25) LD50 (oral, female rat): 3005 mg/kg (25) LD50 (dermal, rabbit): Greater than 3245 mg/kg (0/5 animals died) (2)
Ethylene Glycol Monobutyl Ether (111-76-2)	LC50 (female rat): 450 ppm (4-hour exposure) (2) LC50 (male rat): 486 ppm (4-hour exposure) (2) LD50 (oral, male weanling rat): 3000 mg/kg (1) LD50 (oral, 6-week old male rat): 2400 mg/kg (1) LD50 (oral, yearling male rat): 560 mg/kg (1) LD50 (oral, female rat): 530 mg/kg; 2500 mg/kg (1) LD50 (oral, male mouse): 1230 mg/kg (1) LD50 (oral, rabbit): 320 mg/kg (1) LD50 (dermal, male rabbit): 406 mg/kg (cited as 0.45 mL/kg) (1)

Information on Physical, Chemical and Toxicological Effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Potential Health Effects – Miscellaneous

ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)

Can be absorbed through the skin in harmful amounts. May cause injury to the kidneys, liver, blood and/or bone marrow. Repeated overexposure may result in damage to the blood. Eye contact may cause corneal injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available.

Component Information

Not Determined

Persistence and Degradability

No data available.

Bioaccumulation

No data available.

Mobility

No data available

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

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. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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

UN1950, Aerosols, 2.2 (LTD QTY)

IATA

UN1950, Aerosols, 2.2 (LTD
QTY)

IMDG

UN1950, Aerosols, 2.2 (LTD
QTY)

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

Chemical Name	CAS	Regulation List
Tetrachloroethylene	127-18-4	SARA313, CERCLA, HAPS, SARA312, VHAPS, VOC exempt, TSCA, RCRA, ACGIH, California Proposition 65 Cancer, OSHA
Calcium Petroleum Sulfonate	61789-86-4	SARA312, TSCA, OSHA
Ethylene Glycol Monobutyl Ether	111-76-2	SARA313, CERCLA, SARA312, VOC, TSCA, ACGIH, OSHA
Crude Oil	8002-05-9	SARA312, VOC, OSHA
Carbon Dioxide	124-38-9	SARA312, TSCA, ACGIH, OSHA
Carbon Tetrachloride	56-23-5	SARA313, CERCLA, HAPS, SARA312, VHAPS, TSCA, RCRA, ACGIH, California Proposition 65 Cancer, OSHA

16. OTHER INFORMATION

NFPA**Health Hazards**

2

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

2

Flammability

1

Physical Hazards

0

Personal Protection

B

Revision Date

18-April-2025

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