



SAFETY DATA SHEET

Revision Date 5-August-2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name F-2158 PM Lube

UN/ID No NA1993

Product Code F-2158

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)

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Category 2
Specific target organ toxicity (Single exposure)	Category 3
Flammable liquids	Category 3

Signal Word

Warning

Hazard Statements

Causes skin irritation
May cause respiratory irritation
Flammable liquid and vapor



Appearance Clear red liquid

Physical State Liquid

Odor Petroleum

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
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

Precautionary Statements - Response

Get medical advice/attention 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 persists: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation occurs: Get medical advice/attention
In case of fire: Use CO₂, 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

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Hazards

Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum Distillate	68476-34-6	Proprietary

Product contains a proprietary mixture of ingredients.

4. FIRST AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with copious amounts of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Flush thoroughly with water and cleanse with soap and water. Remove contaminated clothes and wash before reuse. Get medical attention if irritation occurs.
Inhalation	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.
Ingestion	Give 2-4 glasses of water, induce vomiting, pump stomach. See physician immediately.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Nausea, irritation to eyes, nose and throat. May absorb through skin and cause toxic effects and damage to kidneys, spleen, pancreas and liver.
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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 or dry chemical extinguisher.

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

Flammable.

Sensitivity to Static Discharge Take precautionary measures against static discharge.**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. Ventilate affected area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental Precautions

This product may be toxic to fish; prevent run off to sewers, streams, lakes and other bodies of water.

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

Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).

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. Keep out of the reach of children. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not apply directly to or permit this product to come in contact with desirable plants, woody, or herbaceous plants. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Ground/bond container and receiving equipment. Do not breathe vapors or spray mist. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep containers closed when not in use. Apply only as specified on label.

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

Keep containers tightly closed in a cool, well-ventilated place. Do not store near fertilizers, seeds, insecticides, or fungicides.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum Distillate 68476-34-6	TWA: 100 mg/m ³ total hydrocarbons inhalable fraction and vapor, S*	-	-

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 protective Neoprene™ gloves, Rubber gloves. An apron or other impermeable body protection is suggested.

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

Physical State	Liquid	Odor	Petroleum
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Red		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	171.11 °C / 340 °F	
Flash Point	54.44 °C / 130 °F	
Evaporation Rate	475	Tag Closed Cup (butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	8.0%	
Lower Flammability Limit	0.9%	
Vapor Pressure	Not listed	
Vapor Density	Not listed	
Specific Gravity	0.854	(1=Water)
Water Solubility	Not soluble	
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

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, hydrogen chloride, phenolics.

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

Eye Contact May cause eye irritation.

Skin Contact Causes skin irritation.

Inhalation May cause respiratory irritation.

Ingestion May be harmful if swallowed.

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 The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum Distillate 68476-34-6	A3	Group 3		

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum Distillate 68476-34-6		35: 96 h Pimephales promelas mg/L LC50 flow-through		

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

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	NA1993
Proper Shipping Name	Combustible liquid, n.o.s.
Hazard Class	N/A
Packing Group	III
Reportable Quantity (RQ)	5000 lbs

IATA

UN/ID No	NA1993
Proper Shipping Name	Combustible liquid, n.o.s.
Hazard Class	N/A
Packing Group	III

IMDG

UN/ID No	NA1993
Proper Shipping Name	Combustible liquid, n.o.s.
Hazard Class	N/A
Packing Group	III

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

None.

SARA 313

None.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum Distillate 68476-34-6	X		

16. OTHER INFORMATION

NFPA

Health Hazards

2

Flammability

2

Instability

0

Special Hazards

Not determined

HMIS

Health Hazards

2

Flammability

2

Physical Hazards

0

Personal Protection

Not determined

Revision Date

5-August-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