FP-10

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: FP-10 Lubricant Elite CLP (Aerosol) (SHF-904-A-FPL)
SDS Number: Otis 06-119-12
Product Code: SHF-904-A-FPL
Revision Date: 10/21/2025
Version: 2
Product Type: Aerosol
Product Use: Rust Inhibitor

Supplier Details: Otis Technology
6987 Laura Street
Lyons Falls, NY 13367

Phone: 1-800-674-7847

Emergency: Chemtrec: 1-800-424-9300 International Chemtrec: 703-527-3887

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards. We provide this information as guidance for providing personal protection to your employees.

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Physical, Flammable Aerosols, 1
Health, Skin corrosion/irritation, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H222 - Extremely flammable aerosol
H315 - Causes skin irritation

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P273 - Avoid release to the environment.
P331 - Do NOT induce vomiting.
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 - Dispose of contents/ container to an approved waste disposal plant.
P501 - Dispose of contents/container to ...

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
68476-86-8	25-35%	Petroleum gases, liquefied, sweetened
64742-53-6	70-80%	Distillates, petroleum, hydrotreated light naphthenic
68649-42-3	0.3-0.7%	Zinc Alkyl Dithiophosphate
64742-52-5	0.25-0.75%	Distillates, petroleum, hydrotreated heavy naphthenic
8002-05-9	0.25-0.75%	Petroleum crude oil
64742-46-7	0.25-0.75%	Distillates, petroleum, hydrotreated middle
128-39-2	0.2-0.4%	Phenol, 2,6-bis(1,1-dimethylethyl)-
91955-46-9	0.25-0.75%	Distillates, petroleum, full-range straight-run middle

4 FIRST AID MEASURES

Inhalation:

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

Skin Contact:

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

Eye Contact:

Flush with warm water for 15 minutes. Seek medical attention.

Ingestion:

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

5 FIRE FIGHTING MEASURES

Flash Point: Flash point of propellant <0 degrees F.
LEL: Lower: 3.4 % (VOL.) Gas in air (propellant portion)
UEL: Upper: 18 % (VOL.) Gas in air (propellant portion)

Extinguishing Media:
Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.
Unusual Fire & Explosion Hazards:
This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.
Special Fire Fighting Procedures:
At elevated temperatures (over 130F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

6 ACCIDENTAL RELEASE MEASURES

Spill or Leak Instructions

Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

7 HANDLING AND STORAGE

Handling Precautions:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

Storage Requirements:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

Personal Protective Equipment:

Protective Equipment:
Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

Respiratory Protection:
Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above exposure levels an approved self-contained breathing apparatus or airline respirator with full face-piece is required
Other Suggested Equipment:
Eye wash station and emergency showers should be available. Spill containment equipment should be available.

Discretion Advised:
We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosolized Liquid
Appearance:	Amber
Odor:	Mild petroleum
Freezing/Melting Pt.:	Liquid Portion: -38F
Boiling Point:	Liquid Portion: 409F
Flammability:	N/A
UEL / LEL:	N/A
Flash Point:	Liquid Portion: 282F
Auto-Ignition Temp:	N/A
Decomp Temp:	N/A
pH:	N/A
Viscosity:	N/A

Solubility:	Insoluble in water
Partition Coefficient:	N/A
Vapor Pressure:	>30 psi
Spec Grav./Density:	0.95584 g/cm3
Vapor Density:	N/A
Particle Size:	N/A
Odor Threshold:	N/A
Molecular Formula:	N/A
Softening Point:	N/A
Percent Volatile:	N/A
Saturated Vapor Concentration:	N/A
Heat Value:	N/A
Octanol:	N/A
VOC:	N/A
Evap. Rate:	N/A
Bulk Density:	N/A
Molecular Weight:	N/A

10 STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Petroleum products tend to soften or swell most natural rubbers.
Materials to Avoid:	None known based on information supplied.
Hazardous Decomposition:	None under normal processing.
Hazardous Polymerization:	None known based on information supplied.

11 TOXICOLOGICAL INFORMATION

Phenol, 2,6-bis(1,1-dimethylethyl)- cas#:(128-39-2) [0.2-0.4%]

Information on toxicological effects

Acute toxicity:
Oral LD50 LD50 Oral - rat - male and female - > 5,000 mg/kg
Inhalation LC50 no data available
Dermal LD50
Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Irritating to skin. - 24 h - OECD Test Guideline 404

Serious eye damage/eye irritation: Eyes - rabbit - No eye irritation - OECD Test Guideline 405

Respiratory or skin sensitisation: Maximisation Test - guinea pig - OECD Test Guideline 406 - Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity: Genotoxicity in vitro - S. typhimurium - with and without metabolic activation - negative

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

Repeated dose toxicity - rat - male and female - Oral - No observed adverse effect level - 100 mg/kg RTECS: SK8265000

12 ECOLOGICAL INFORMATION

Phenol, 2,6-bis(1,1-dimethylethyl)- cas#:(128-39-2) [0.2-0.4%]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.4 mg/l - 96 h.
Method: OECD Test Guideline 203
Toxicity to daphnia Immobilization EC50 - Daphnia magna (Water flea) - 0.45 mg/l - 48 h.
and other aquatic invertebrates
Toxicity to algae static test EC50 - Scenedesmus capricornutum (fresh water algae) - 3.6 mg/l - 72 h.
Toxicity to bacteria Respiration inhibition EC50 - Sludge Treatment - > 1,000 mg/l - 3 h.
Method: OECD Test Guideline 209

Persistence and degradability: Biodegradability aerobic Result: 5 % - Not readily biodegradable. Method: OECD Test Guideline 301B

Bioaccumulative potential: Bioaccumulation Leuciscus idus melanotus - 3 d

Bioconcentration factor (BCF): 660

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: Very toxic to aquatic life with long lasting effects.

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

13 DISPOSAL CONSIDERATIONS

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

14 TRANSPORT INFORMATION

Aerosols (limited quantity),
Class 2.1, ERG 126

AIR (IATA)
Aerosols (limited quantity),
Class 2.1, ERG 126, UN No. 1950

Vessel
Aerosol (Limited Quantity), Class 2.1, UN No 1950

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[25-35%] Petroleum gases, liquefied, sweetened (68476-86-8) TSCA, TSCAACTV

[70-80%] Distillates, petroleum, hydrotreated light naphthenic (64742-53-6) MASS, NJHS, TSCA, TSCAACTV

[0.3-0.7%] Zinc Alkyl Dithiophosphate (68649-42-3) TSCA, TSCAACTV

[0.25-0.75%] Distillates, petroleum, hydrotreated heavy naphthenic (64742-52-5) NJHS, TSCA, TSCAACTV

[0.25-0.75%] Petroleum crude oil (8002-05-9) MASS, PA, TSCA, TSCAACTV, TXHWL

[0.25-0.75%] Distillates, petroleum, hydrotreated middle (64742-46-7) TSCA, TSCAACTV

[0.2-0.4%] Phenol, 2,6-bis(1,1-dimethylethyl)- (128-39-2) TSCA, TSCAACTV

[0.25-0.75%] Distillates, petroleum, full-range straight-run middle (91955-46-9)

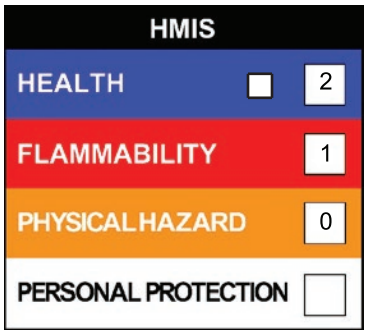
This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TSCAACTV = TSCA Active Chemicals
TXHWL = TX Hazardous Waste List

16 OTHER INFORMATION

NFPA: Health = 2, Fire = 1, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 2, Fire = 1, Physical Hazard = 0



Note:
For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.

Revision Date: 10/21/2025
Print Date: 10/21/2025