

Safety Data Sheet

Fleetline Big Blue EP2 Lithium Complex Grease

1. IDENTIFICATION

Product Identification

Product Name: Fleetline Big Blue EP2 Lithium Complex Grease

Product Number: FLE723

Company Identification

Dennis K Burke Inc

555 Constitution Drive

Taunton MA 02780

800-289-2875 (For Product Information)

24 hr Emergency Number:

1-800-424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

OSHA/HCS STATUS:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION(S):

SIGNAL WORD:

Warning

SYMBOL(S):



HAZARD STATEMENT(S):

Causes Serious Eye Irritation

PRECAUTIONARY STATEMENT(S):

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Wear eye protection / face protection.

Wash thoroughly after handling.

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 medical advice is needed, have product container or label at hand. Wash with plenty of soap and water.

Hazard Rating		
	HMIS	NFPA
Health:	1	0
Flammability:	1	1
Reactivity:	0	0
Personal Protection:	B	-

GENERAL PRECAUTIONARY STATEMENT(S):

Keep out of reach of
children. Read label
before use.

PREVENTION PRECAUTIONARY STATEMENT(S):

Avoid breathing mist/vapors.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of inadequate ventilation wear respiratory protection.

RESPONSE PRECAUTIONARY STATEMENT(S):

Get medical advice/attention.
IF ON SKIN: wash with plenty of soap and water.
IF SKIN irritation or rash occurs: Get medical advice/attention.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
Wash with plenty of soap and water.
Wash contaminated clothing before reuse.

STORAGE PRECAUTIONARY STATEMENT(S):

Store in a dry place.
Store in a closed container.

DISPOSAL PRECAUTIONARY STATEMENT(S):

Dispose of contents/containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

DANGEROUS COMPONENT LISTING:

<u>Ingredient Name</u>	<u>Amount</u>	<u>CAS Number</u>
Zinc Dialkylthiophosphate	< 2.5 %	68457-79-4
2, 2, 4-trimethyl-1, 2-dihydroquinoline polymer	< 2.5 %	26780-96-1

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

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.

SKIN CONTACT FIRST AID:

IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

INHALATION FIRST AID:

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.

INGESTION FIRST AID:

Rinse mouth. If concerned seek medical attention.

NOTES TO PHYSICIAN:

Treat Symptomatically.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

COC Flash Point: >225 °C (>473.0 °F)

Autoignition Temperature: Product is not selfigniting

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, foam, or dry powder. Do not use water, because this product is oil based. Water may cause frothing.

FIRE & EXPLOSION HAZARDS:

Can burn in fire, releasing toxic vapors, fumes, and smoke.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO₂.

6. ACCIDENTAL RELEASE MEASURES**SAFEGUARDS (PERSONNEL):**

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

INITIAL CONTAINMENT:

Absorb spills with inert material. Do not allow material to enter soil or surface water.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material.

MISCELLANEOUS:

Treat or dispose of in accordance with all federal, state, and local requirements. Incineration is preferred.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Wash hands thoroughly after handling.

HANDLING (PHYSICAL ASPECTS):

Secure container after each use. Store in a cool dry area.

Avoid contact with strong oxidizing agents.

STORAGE PRECAUTIONS:

Store in a cool dry place, in a tightly closed container. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Material	Source	Type	mg/m3
Oil Mist, Mineral	ACGIH	TWA (Inhalable fraction.)	5 mg/m3
Oil Mist, Mineral	ACGIH	STEL(Mist.)	10 mg/m3
Oil Mist, Mineral	OSHA	TWA (Mist.)	5 mg/m3

ENGINEERING CONTROLS:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. TLV for mineral oil is 5 mg/cubic meter.

EYE / FACE PROTECTION REQUIREMENTS:

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

SKIN PROTECTION REQUIREMENTS:

Where contact is likely, wear chemical resistant gloves.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required. If mists are produced, local ventilation may be required to keep exposure below limits.

GENERAL COMMENTS:

Always observe good personal hygiene practices. Wash hands and other exposed skin areas with plenty of mild soap and water before eating, drinking, smoking, etc...

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Semi-Solid
ODOR: Petroleum Like
COLOR: Blue
VAPOR PRESSURE.....: N/A
VAPOR DENSITY: N/A
AUTOIGNITION TEMPERATURE .: Product is not selfigniting
SPECIFIC GRAVITY: .8964 Approximately
MELTING PT.: Not Determined
VISCOSITY: 7.2 cSt at 100 °C
FLASH PT.: >437 °F
POUR PT.: -48 °F

10. STABILITY AND REACTIVITY**STABILITY:**

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released.

11. TOXICOLOGICAL INFORMATION**EYE IRRITATION:**

Not expected to cause eye irritation. Based on data from components or similar materials. Vapors may cause irritation.

SKIN IRRITATION:

Slightly irritating based on data from components or similar materials. Prolonged or repeated skin contact without proper hygiene may result in skin disorders such as acne.

RESPIRATORY IRRITATION:

Based on data from components and similar materials, Inhalation of vapors or mists may cause irritation.

DERMAL TOXICITY:

LD50 = 102041 mg/kg, Rabbit

ORAL TOXICITY:

LD50 = 2000-5000 mg/kg , Rat

INHALATION TOXICITY:

Based on data from components and similar materials, product is not considered to be an inhalation hazard under normal conditions of use.

SENSITISATION:

Component concentrations in this formulation would not be expected to cause skin sensitization, based on tests of the components or similar formulations.

CHRONIC EXPOSURE:**CHRONIC TOXICITY:**

No data available to indicate product or components present at greater than 1% are chronic health hazards.

CARCINOGENICITY:

IARC: 9002-88-4 High Density Polyethylene Polymer

NTP: None

OSHA-Ca: None

MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

REPRODUCTIVE TOXICITY:

No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

TERATOGENICITY:

No data available to indicate either product or components present at greater than 0.1% that may cause birth defects.

ADDITIONAL INFORMATION:

No other health hazards known.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Ecological Toxicity data has not been determined specifically for this product. The ecological toxicity hazard is based on an evaluation of data for the components or a similar material. This material is expected to be harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

ENVIRONMENTAL FATE

This material is not expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material. This product contains components which may be persistent in the environment.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Avoid disposal into waste water treatment facilities. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. This product, if discarded, is not considered a hazardous waste.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL : Fleetline Big Blue EP2 Lithium Complex Grease
D.O.T SHIPPING: Not Regulated by DOT.
IMDG: This material is not classified as dangerous under IMDG regulations.
IATA: This material is not classified as dangerous under IATA regulations.
TRANSPORT CANADA: This material is not classified as dangerous under Transport Canada regulations.

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

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