



GULF OIL
MATERIAL SAFETY DATA SHEET

GULFCROWN EP 2 LITHIUM GREASE

PAGE 1
Product Code: 343307

NFPA HAZARD RATING

4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

PRODUCT NFPA HAZARD RATING

Health - 0
Fire - 1
Reactivity - 0

DIVISION AND LOCATION---SECTION I

Division: MASTER DISTRIBUTOR OF GULF LUBRICANTS

Location: AMERICAN REFINING GROUP INC

77 N. KENDALL AVENUE, BRADFORD, PA, 16701

Emergency Telephone Number: 814-368-1297

Transportation Emergency: CHEMTREC 1-(800) 424-9300 (U.S. and Canada)

CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

Chemical Name: petroleum hydrocarbon plus additives

Hazardous Decomposition Products:

carbon monoxide and carbon dioxide from burning. oxides of sulfur

Incompatibility (Keep away from):

strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Product Components

	<u>CAS No.</u>	<u>% (Volume)</u>
Mineral Oil	64742-65-0	60 - 75
Mineral Oil	64741-56-6	15 - 30
Mineral Oil	64742-52-5	5 - 15
Lithium 12 Hydroxystearate	7620-77-1	4 - 10
Zinc Alkyldithiophosphate	68649-42-3	0 - 2

Form: semi-solid

Odor: bland

Appearance: grease

Color: dark brown

Specific Gravity (water=1): .85

Boiling Point: 249C (480F)

Melting Point: -15C (5F)

Solubility in Water (by weight %): negligible at 20°C

Volatile (by weight %): negligible

Evaporation Rate: negligible

Vapor Pressure (mm Hg at 20 °C): negligible

Vapor Density (air=1): not applicable

pH (as is): not applicable

Stability: Product is stable under normal conditions

Viscosity SUS at 100°F: Greater than or = to 100



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FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures:

Do not use water except as fog.

Unusual Fire and Explosion Hazards: Do not cut, weld, braze, solder, drill, grind or expose containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

Flashpoint: (Method Used) Cleveland open cup greater than 232°C (450°F)

Flammable limits % : not applicable

Extinguishing agents: Drychemical or Waterfog or CO2 or Foam or Sand/Earth Closed containers exposed to fire may be cooled with water.

HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air): not applicable

Chronic effects of overexposure

Prolonged or repeated skin contact may cause dermatitis (skin irritation)

Acute toxicological properties: no data available

Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Remove excess with cloth or paper. Wash thoroughly with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Contact a physician immediately. Do not induce vomiting. (Vomiting may cause aspiration into the lungs resulting in chemical pneumonia).

SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local, mechanical, special): none required

Respiratory Protection (Specify type): none required

Protective Gloves: rubber

Eye Protection:

chemical safety goggles

Other Protective Equipment: none

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HANDLING OF SPILLS OR LEAKS---SECTION VI

Procedures for Clean-Up: Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid waste in accordance with local, state, and federal regulations.

Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.

SPECIAL PRECAUTIONS---SECTION VII

Precautions to be taken in handling and storage:
Do not handle or store at temperatures over
Maximum Storage Temperature: 38 ° C (100 ° F)

TRANSPORTATION DATA---SECTION VIII

D.o.T.: Not Regulated
Reportable Quantity: not applicable
Freight Classification: Petroleum Lubricating Grease
Special Transportation Notes:

ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

Section 313 (Title III Superfund Amendment and Reauthorization Act):

This product contains the following chemical in sufficient quantity to be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
68649-42-3	Zinc Alkyldithiophosphate	0 - 2

The component(s) of this product are listed on the US TSCA Inventory.

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G U L F O I L
M A T E R I A L S A F E T Y D A T A S H E E T

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Title: Product Safety Steward Leader
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