



# Gulf Super Duty EP-2 Grease

## Material Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Gulf Super Duty EP-2 Grease  
Product Number: 344012  
Synonyms: Grease

#### Company Identification

Gulf Oil LP/Nu-Tier Brands, Inc.  
Tulsa, OK  
TECHNICAL CONTACT NUMBER: 918-550-8026, Ext. 507  
CHEMTREC: EMERGENCY CONTACT 1-800-424-9300

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

100% Gulf Super Duty EP-2 Grease

#### CONTAINING:

Chemical Name	Amount	CAS Number
Lithium 12 Hydroxystearate Sebacate	5 - 12%	68815-49-6
Polyethylene	0 - 2%	9002-88-4
Mineral Oil	54 - 59%	64742-65-0
Mineral Oil	22 - 27%	64742-62-7
Calcium Carbonate	2 - 5%	471-34-1
Zinc Alkyldithiophosphate	0 - 2%	68649-42-3

(See Section 8 for exposure guidelines)  
(See Section 15 for regulatory information)

#### COMPOSITION COMMENT:

This product contains the following components required to be reported per the SARA Section 313: Zinc Compounds. Note: Contains less than 2% as Zn.

#### HAZARDS DISCLOSURE:

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### 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.



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### 3. HAZARDS IDENTIFICATION

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*  
\*  
\* Causes eye and skin irritation \*  
\* \*  
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NFPA Rating - Health: 0  
Flammability: 1  
Reactivity: 0

#### POTENTIAL HEALTH EFFECTS

EYE:  
Causes eye irritation.

SKIN:  
Causes skin irritation, local redness and swelling.

INHALATION:  
  
High vapor concentrations are irritating to the eyes, nose, throat and lungs.

INGESTION:  
May be harmful if swallowed.

CHRONIC EFFECTS:  
Prolonged or repeated skin contact may cause dermatitis (skin irritation).

CARCINOGENICITY INFORMATION:  
None known.

### 4. FIRST AID MEASURES

EYE CONTACT FIRST AID:  
Immediately flush with large quantities of water for at least 15 minutes  
And call a physician.

SKIN CONTACT FIRST AID:  
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.



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**INHALATION FIRST AID:**

Remove victim to fresh air. Call a physician.

**INGESTION FIRST AID:**

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

**NOTES TO PHYSICIAN:**

Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

COC Flash Point: >218°C (>425°F)

**FLAMMABLE LIMITS IN AIR:**

LEL: N/A

UEL: N/A

**EXTINGUISHING MEDIA:**

Drychemical or Waterfog or CO<sub>2</sub> or Foam or Sand/Earth. Closed containers exposed to fire may be cooled with water.

**FIRE & EXPLOSION HAZARDS:**

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

**FIRE FIGHTING INSTRUCTIONS:**

Do not use water except as fog. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

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.

### 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 AND SMALL SPILLS PROCEDURE:**

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.



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### MISCELLANEOUS:

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

## 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.

Do not handle or store at temperatures over maximum storage temperature:  
38°C (100°F)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Local exhaust ventilation - none required.

### EYE PROTECTION REQUIREMENTS:

Chemical safety goggles and/or a face shield are recommended.

### SKIN PROTECTION REQUIREMENTS:

Rubber or chemical resistant gloves are recommended.

### RESPIRATORY PROTECTION REQUIREMENTS:

None required.



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### 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Semi-solid  
COLOR .....: Red  
ODOR .....: Bland  
APPEARANCE .....: Grease  
BOILING POINT .....: > 315°C (600°F)  
MELTING POINT .....: Not applicable  
VOLATILE .....: Negligible (by weight %)  
EVAPORATION RATE: .....: Negligible  
VAPOR PRESSURE .....: Negligible (mm Hg at 20°C)  
VAPOR DENSITY .....: N/A (Air = 1)  
SOLUBILITY IN WATER ...: Negligible @ 20°C (by weight %)  
SPECIFIC GRAVITY .....: 0.87 (Water = 1)  
PH .....: Not applicable  
STABILITY .....: Product is stable under normal conditions  
VISCOSITY .....: Less than or = to 100 (SUS @ 100°F)

### 10. STABILITY AND REACTIVITY

STABILITY:  
Stable under normal conditions.

INCOMPATIBILITY WITH OTHER MATERIALS:  
Avoid contact with strong oxidizing agents such as hydrogen peroxide, bromine, and chromic acid.

CONDITIONS TO AVOID:  
Sources of ignition and temperatures above 100°

### 11. TOXICOLOGICAL INFORMATION

No information available.

### 12. ECOLOGICAL INFORMATION

No information available.

### 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.



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### 14. TRANSPORTATION INFORMATION

PRODUCT LABEL.....: Gulf Super Duty EP-2 Grease  
 D.O.T. SHIPPING NAME.....: Not Regulated  
 FREIGHT CLASSIFICATION ....., : Petroleum Lubricating Grease

### 15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = CANADIAN DISCLOSURE LIST	02 = CERCLA Hazardous Substances
03 = TITLE V OF THE CLEAN AIR ACT	04 = SC Toxic Air Pollutants List
05 = SARA TITLE III - SECTION 313	06 = SARA Title III - Section 312
07 = CA PROPOSITION 65	08 = RCRA Hazardous Substances

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.

### 16. OTHER INFORMATION

REASON FOR ISSUE ...: NEW  
 APPROVAL DATE .....: December 21, 2011  
 SUPERCEDES DATE .....:  
 RTN NUMBER ....., :

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 END OF MSDS  
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