



# GulfELITE HT Red Grease

## SDS - Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** GulfELITE HT Red  
**Other means of identification:** GulfELITE HT Red No. 1  
GulfELITE HT Red No. 2

**SDS Number:** 344015  
**CAS Number:** Blend  
**CHEMTREC:** EMERGENCY CONTACT 1-800-424-9300

**Supplier:**  
Nu-Tier Brands, Inc., Tulsa, OK  
Under License from Gulf Oil LP  
TECHNICAL CONTACT NUMBER: 918-550-8026, Ext. 507  
www.gulflubricants.net

### 2. HAZARDS IDENTIFICATION

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

#### Label Elements



GHS Signal Word: WARNING

Hazardous Statements

- Causes serious eye irritation

**Appearance:** Red

**Physical State:** Semi-Solid

**Odor:** Slight Petroleum

**Precautionary Statements:**

**PREVENTION:**

- Wash face, hands and any exposed skin thoroughly after handling
- Wear eye/face protection

**GENERAL ADVICE:** None

**EYES:**

- If in eyes: Rinse cautiously with water several times. Remove contact lenses, if present and possible to do so.
- If eye irritation persists, get medical attention.

**STORAGE:** None

**DISPOSAL:** None

**Hazard not otherwise classified (HNOC):** Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms:**

High Viscosity Lithium Complex EP Grease

Chemical Name	CAS #	Weight %	Trade Secret
Petroleum distillate, hydrotreated heavy naphthenic	64742-52-5	40-70	*
Petroleum distillate, hydrotreated heavy paraffinic	64742-54-7	20-40	*
Antimony, tris (diphenylcarbamodithioato-S,S')-(OC-6-11)	15890-25-2	<5	*
Boron lithium oxide (B4Li207)	12007-60-2	<5	*
Zinc Dialkyldithiophosphate	-	<2	*

\*The exact percentage of ingredients are withheld as trade secret



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### Additional Information:

As per 29 CFR 1910.1200 paragraph (i), formulation is considered as trade secret and therefore specific chemical names and their percentages of components used have not been disclosed. The details about their specific chemical names and their percentages may be provided on request to health professionals, authorized representatives of regulatory authority, employees concerned in accordance with applicable provisions of this paragraph.

## 4. FIRST AID MEASURES

**GENERAL INFORMATION:** Not expected to be health hazard if used under normal conditions.

**INHALATION FIRST AID:** Under normal conditions of intended use, this material is not expected to be inhalation hazard. If some symptom exists, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

**SKIN CONTACT FIRST AID:** Remove contaminated clothes. Flush exposed area with plenty of water followed by washing with soap, if available. If persistent irritation occurs, obtain medical attention. If product is injected into or under the skin due to any reason, regardless of size or appearance of wound, victim should be brought immediately to medical attention for emergency surgical needs. Though the initial symptoms due to high pressure injection may be minimal/absent, early surgical treatment may significantly reduce the extent of injury.

**EYE CONTACT FIRST AID:** Immediately flush with large quantities of cool water for at least 15 minutes including under eyelids. Keep eye wide open while rinsing. If symptoms persist get medical attention.

**INGESTION FIRST AID:** Drink plenty of water. In general no treatment is necessary unless large quantities are swallowed; however, it's advisable to get medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth to an unconscious person.

### **MOST IMPORTANT SYMPTOMS/EFFECTS ACUTE AND DELAYED:**

Most important symptoms/effects: No information available.

### **INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY:**

**NOTE TO PHYSICIAN:** Treat symptomatically

**SELF-PROTECTION FOR FIRST AIDER:** When administering the first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

## 5. FIREFIGHTING MEASURES

### **NFPA 704 Hazard Class**

**Health:** 1      **Flammability:** 1      **Instability:** 0



(Minimal)  
(Slight)  
(Moderate)  
(Serious)  
(Severe)

**Flash Point Minimum:** 495°F / 257°C

**Flash Point Test Method:** COC, ASTM D92

### **Extinguishing Media:**

**Suitable extinguishing media:** Water spray (fog), dry chemical, foam, or carbon dioxide, sand to extinguish flames.

**Unsuitable extinguishing media:** Water stream may splash burning liquid and spread fire.

### **Specific hazards arising from the substances or mixture:**

Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified inorganic and organic compounds.

**Advice to firefighters:** Proper protective equipment include chemical resistant gloves to be worn, chemical resistant suit is



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recommended when large contact with spill product is expected. Self-contained breathing apparatus (SCBA) must be worn when approaching a fire in confined area. Select the fire fighters clothing approved by relevant standard.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch and walk through spill area. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

**Emergency procedures:**

Isolate the spill / leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks / flames in close vicinity). Keep unauthorized person away and ventilate closed space before entering.

**Environmental procedures:**

Use appropriate measures for containment of spilled material to the environment. Prevent from entering/ spreading to drain, water, river, ditches by using sand, earth, floor dryers or other appropriate barriers.

**Methods and materials for containment and cleaning up:**

Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

**Reference to other sections:**

Refer to section 8 – exposure control / personal protection and section 13- disposal considerations

### 7. HANDLING AND STORAGE

**General Precautions:**

Store in well-ventilated area, if risk on vapor inhalation is there. Use the information in this data sheet as input for risk management arising due to local conditions which help to manage safe handling of this product.

**Precautions for safe handling:**

Avoid prolonged and repeated contact with skin. Avoid inhaling the vapors/mist. When handling the drums, kegs, pails etc., proper safety shoes, and other protective clothes, safety glasses etc. should be worn. Dispose appropriately any contaminated rags/material as per prevailing local allowable practices. Keep containers in closely tight and, cool and well ventilated areas.

**Conditions for safe storage, including any incompatibilities:**

Keep containers tightly close, well-ventilated areas but covered, avoiding contact with rain or other water ingress possibilities. Keep the storage place cool preferably <120 °F / <50 °C. Higher temperature may create pressure buildup inside container and chances of container busting or leakage may occur under aggravated conditions. Keep away from other oxidizing and incompatible materials.

**Incompatible Products:** Strong oxidizing agents . Strong reducing agents

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillate, hydrotreated heavy paraffinic	TWA: 5MG/M3 as oil mist, mineral	TWA: 5mg/m3 as oil mist, mineral	-
Antimony, tris (diphenylcarbamodithioato-S,S"), (OC-6-11)-	TWA: 0.5 mg/m3 as Sb	TWA: 0.5mg/m3 as Sb (vacated) TWA: 0.5 mg/m3 Sb	IDLH: 50 mg/m3 Sb TWA: 0.5 mg/m3 Sb
Boron lithium oxide (B4Li2O7) 12007-60-2	STEL: 6 mg/m3 inhalable fraction TWA: 2mg/m3 inhalable fraction	0.5 mg/m <sup>3</sup>	

*Immediate dangerous to life or health, ACGIH TLV: American Conference of Government Industrial Hygienists – Threshold Limit Values. OSHA PEL: Occupational Safety and Health Administration – Permissible Limits.*

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F. 2d 962. (11<sup>th</sup> Cir., 1992).



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**Appropriate Engineering Controls:**

**Engineering Measures:** Showers  
Eyewash stations  
Ventilation systems

**Additional information:** Due to semi-solid nature of the product, generation of mist and dusts is unlikely to occur.

**Biological exposure index (BEI):** No biological limit allocated.

**PNEC related information:** Data not available.

**Monitoring methods:** Monitoring of the concentration of substances in the breathing zone of workers or in general workplace may be required to confirm the compliance with local governing authority.

**Engineering measures/controls:** Adequate ventilation systems may be needed to control concentrations of airborne contaminants above permissible threshold applicable limits.

**Personal protective equipment pictograms:**



**Respiratory:** In case of insufficient ventilation, use suitable respiratory equipment.

**Eye/Face:** Wear safety goggles.

**Skin/Body:** Wear safety shoes and protective gloves.

**Environmental Exposure Controls:** Minimize release to the environment. Follow best practices for site management and disposal of waste as per local regulations.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Note:** Data represents typical values and are not intended to be specifications.

Appearance:	Red
Physical State:	Semi-solid
Odor:	Slight hydrocarbon
<b>General Properties</b>	
Boiling Point:	No data available
pH:	Not applicable
Specific Gravity (15°C):	0.87, 7.506 (lbs/gal)
Flash Point, COC, °F/°C:	495/257
Upper/lower flammability limits:	No data available
Auto-ignition temperature:	No data available
Flammability:	No data available
VOC, % wt., ASTM D-972:	1
Vapor Pressure @ ambient temp:	<0.13 kPa (< 1mm Hg)
Vapor Density (air = 1):	<1
Explosive Properties:	No data available
Oxidizing Properties:	No data available

**Other Information**

Electrical conductivity: Though no data available, this material is not expected to be a static accumulator.

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Not chemically reactive.

**CHEMICAL STABILITY:** Stable under normal ambient and anticipated conditions of use.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous reactions not anticipated.



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**CONDITIONS TO AVOID:** Avoid all possible sources of ignition. Extended exposure to high temperatures can cause decomposition.

**INCOMPATIBLE MATERIALS:** Avoid contact with strong oxidizing agents and strong reducing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not anticipated under normal conditions of use

### 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Inhalation:** There is no data available for this product.

**Eye Contact:** Causes serious eye irritation.

**Skin Contact:** Causes mild skin irritation

**Ingestion:** There is no data available for this product

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure :**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillate , hydrotreated heavy naphthenic	A2	Group 1	-	X
Petroleum distillate , hydrotreated heavy paraffinic	A2	Group 1	-	X

ACGIH: ( American Conference of Governmental Industrial Hygienists )

A2 – suspected human carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**OSHA: (Occupational Safety & Health Administration )**

x- Present

**Reproductive Toxicity:** No information available.

**STOT - single exposure:** No information available.

**STOT - repeated exposure:** No information available.

**Aspiration Hazard:** No information available

**Numerical measures of toxicity – Product:**

**Acute Toxicity:** 15.78 % of the mixture consists of ingredient(s) of unknown toxicity. The following values are calculated based on chapter 3.1 of GHS document

**LD 50 Oral :** 10188 mg/kg , acute toxicity estimate

**Inhalation**

Dust / mist: 30.6 mg/L; acute toxicity estimate

Vapor: 224 mg/L; acute toxicity estimate

### 12. ECOLOGICAL INFORMATION

**Information on ecological effects:**

**Basis of assessment:**

Eco-toxicological data has not been determined specifically on this product. The information given herewith are based on the information given on eco-toxicity of components and/or on similar products. The information given here are representative of the product as whole and not as individual components.



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**Toxicity:** Sparingly soluble mixture in aqueous media. Not toxic to fish but may coat gill structure and cause suffocation if spilled. This product may cause gastrointestinal distress in birds and mammals through ingestion.

**Persistence and degradability:** Expected to be not readily biodegradable. The major oil component expected to biodegrade over a period of 100-120 days in aerobic environment at temperatures above 70°F (21°C), however finished product contains components that may persist in the environment.

**Bioaccumulative potential:** May contain components that bioaccumulate.

**Mobility in soil:** Product is semi-solid in nature in most conditions and may absorb to soil and may not be mobile. It floats on water.

**Other adverse effects:** Product contains the components that have been classified non-volatile in nature and therefore not expected to release to environment in significant quantities.

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Product Disposal:** Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulation. Do not dispose into environment, in drain or in river/ponds/water reservoirs.

**Container Disposal:** To be disposed in accordance with local prevailing and allowable regulations.

### 14. TRANSPORTATION INFORMATION

	Bulk shipping	Non-bulk shipping	Identification #	Hazardous class
US DOT	Not required	Not required	Not required	Not required
Canadian TDG	Not required	Not required	Not required	Not required
European	Not required	Not required	Not required	Not required
ADR, IMDG, IATA-DGR	Not classified as hazardous product for land, sea and air transport			

### 15. REGULATORY INFORMATION

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/ NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**OSHA Hazard Communication Standard:** This material is not considered hazardous in accordance with OSHA HAZCom 2012, 29 CFR 1910.1200.

**U.S. Federal Regulations**

Section 313 of Title III, of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** Yes

**Fire Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)



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Chemical Name	CWA – Reportable quantities	CWA – Toxic pollutants	CWA – Priority pollutants	CWA – Hazardous substances
Antimony, tris (diphenylcarbomodithioato-S,S')-, (OC-6-11)-		X		

**CERCLA :**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). However, there may possibly be specific reporting requirements at the county, regional, or state level related to releases of this material.

**U.S. State Regulations:**

**California Proposition 65**

This product does not contain the following Proposition 65 chemicals:

**U.S. State Right-to-Know Regulations**

"X" designates that the ingredients are listed on the state right to know list

Chemical Name	New Jersey	Pennsylvania	Massachusetts	Illinois	Rhode Island
Petroleum distillate, hydrotreated heavy naphthenic 64742-52-5				X	
Petroleum distillate, hydrotreated heavy naphthenic 64742-54-7				X	
Antimony, tris (diphenylcarbomodithioato-S,S')-, (OC-6-11)	NJSTR No 800983-5015P				

**U.S. EPA Label Information:**

**EPA Pesticide Registration Number :** Not applicable

**International Inventories:**

**WHMIS:** This product is not a controlled product.

**Canadian NPRI:** none of the components are listed

**CEPA toxic substance:** none of the components are listed

**Europe (EINECS/ELINCS/NLP) :** All components are listed or exempted from EU listing requirements .**Australia Inventory (**

**AICS) :** All components are listed or exempted

**China Inventory ( IECSC) :** All components are listed or exempted

**Japan Inventory:** All components are listed or exempted

**Korea Inventory:** All components are listed or exempted

**Malaysia Inventory (EHS Register ) :** Not determined

**New Zealand inventory of Chemicals ( NZIoC) :** All components are listed or exempted

**Philippines Inventory ( PICCS) :** All components are listed or exempted

### 16. OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Nu-Tier Brands, Inc.. The data on this sheet are related only to the specific material designated herein. Nu-Tier Brands, Inc. assumes no legal responsibility for use or reliance upon these data.

END OF MSDS