



LUBRICANTS

# Gulfsol® 140

## SDS - Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Gulfsol® 140  
**Other means of identification:** Mineral Spirits  
**SDS Number:** 380033  
**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](http://www.gulflubricants.net)

### 2. HAZARDS IDENTIFICATION

**OSHA/GHS Hazards**  
Flammable liquids – Category 4  
Aspiration Hazard – Category 1

**LABEL ELEMENTS**

**Hazard symbols:**



**Signal word:** Danger

**Hazard statements:** H227 Combustible liquid  
H304 May be fatal if swallowed and enters airway

**Precautionary statements**

**Prevention:** P210 Keep away from open flames/hot surfaces. – No smoking.  
P280 Wear protective gloves/ eye protection/ face protection.

**Response:** P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 Do NOT induce vomiting.

**Storage:** P403 + P405 + P235 Store locked up in a well-ventilated place. Keep cool.

**Disposal:** P501 Dispose of contents/ container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Distillates, petroleum, hydrotreated light	64742-47-8	100%

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

### 4. FIRST AID MEASURES

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.



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**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.

**Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**Ingestion** If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting advice. Never give anything by mouth to an unconscious person.

### 5. FIREFIGHTING MEASURES

**NFPA 704 Hazard Class**

Health: 1      Flammability: 2      Instability: 0



0 (Minimal)  
1 (Slight)  
2 (Moderate)  
3 (Serious)  
4 (Severe)

**Flash Point:** >142°F / >61°C  
**Flash Point Test Method:** TAG, Closed Cup ASTM D-56

**FLAMMABLE PROPERTIES**

**Fire/explosion** NFPA Class IIIA combustible liquid.

**Suitable extinguishing media** Water spray or fog, foam, dry chemical, CO<sub>2</sub>.

**Protective equipment and precautions for firefighters.** Wear self-contained breathing and protective suit.

**Further information** Keep containers and surroundings cool with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**ENVIRONMENTAL PRECAUTIONS**

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

**METHODS FOR CONTAINMENT**

Stop leak if without risk. Use absorbent pads or earthen dams to contain.



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### METHODS FOR CLEANUP

A vapor suppressing foam may be used to reduce vapors. Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

## 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):

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Use non-sparking tools.

### STORAGE PRECAUTIONS:

Store in accordance with local regulations. Store in a segregated and approved area. Keep in the original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Do not store in unlabeled containers. Store and use away from heat, sparks, open flame or any other ignition source. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers that retain product residue may be hazardous.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING MEASURES:

Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes:** Wear as appropriate: Goggles, Face shield

**Skin:** Wear suitable protective clothing, gloves and eye/face protection.

**Inhalation:** Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

### EXPOSURE GUIDELINES

Contains no substances with occupational exposure limit values. The following Sasol internal standard would apply: 100 ppm (525 mg/m<sup>3</sup>) for 8-hour TWA (Exposure limits for Petroleum Distillates – Stoddard Solvent)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance:	Liquid
Color:	Clear
Form:	Liquid
Odor:	Hydrocarbon-like
Odor Threshold:	No data available



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Flash Point:	Average 63°C, 145°F; ASTM D-56
Flammability:	Upper explosion limit: 7.0% (V) Lower explosion limit: 0.7% (V)
Boiling Point/Boiling range:	192-211°C, 376-412°F; ASTM D-86; ASTM D-86
Melting Point/Range:	<-70°C, <-94°F; ASTM D-2386
Auto-ignition temperature:	233°C, 453°F; ASTM E-659
Decomposition Temp.:	Not available
Flammability (solid, gas):	Not available
Vapor Pressure:	0.32 mm Hg @ 68°F (20°C); API Calculation
Vapor Density:	5.4
Density:	0.803 g/cm <sup>3</sup> @ 15.5°C, 60°F; ASTM D-287
Specific Gravity:	Not available
Water Solubility:	Negligible
Viscosity:	1.35 cSt @ 40°C, 104°F; ASTM D-445
pH:	Not available
Evaporation Rate:	Not available
Partition coefficient: n-octanol/water	Not available

### 10. STABILITY AND REACTIVITY

#### STABILITY:

Stable under normal conditions. If heated, product's static accumulation will rise and could cause flash fire.

#### POLYMERIZATION:

Hazardous polymerization will not occur.

#### INCOMPATIBILITY WITH OTHER MATERIALS:

Strong acids and oxidizing materials

#### DECOMPOSITION:

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

#### CONDITIONS TO AVOID:

High temperatures, flames, sparks

### 11. TOXICOLOGICAL INFORMATION

Acute dermal toxicity	LD50 Rabbit: 2,000 - 4,000 mg/kg
Acute inhalation toxicity	LC50 Rat (4 hours): > 4.3 mg/l All rats survived at indicated concentration.
Acute oral toxicity	LD50 Rat: > 5,000 mg/kg
Skin corrosion/irritation	Primary irritation (Rabbit): 1.2 (Max. score is 8.0.)
Serious eye damage/eye irritation	Primary irritation (Rabbit): 1 hours; 3.0 (Max. score is 110.)
Respiratory or skin sensitisation	No data available



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<b>Germ cell mutagenicity</b>	Genotoxicity in vitro: No data available
	Genotoxicity in vivo: No data available
	Assessment Mutagenicity: No data available
<b>Reproductive toxicity</b>	Reproductive toxicity: No data available
	<b>Assessment Reproductive toxicity:</b> No data available
	<b>Teratogenicity:</b> No data available
	<b>Assessment teratogenicity:</b> No data available
<b>STOT - single exposure</b>	No data available
<b>STOT - repeated exposure</b>	No data available
<b>Aspiration toxicity</b>	May be fatal if swallowed and enters airways.
<b>Carcinogenicity</b>	<b>Assessment carcinogenicity:</b> Contains no ingredient listed as a carcinogen

### 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
<b>Toxicity to fish</b>	No data available
<b>Toxicity to aquatic invertebrates</b>	No data available
<b>Toxicity to algae</b>	No data available
<b>Chronic toxicity to fish</b>	No data available
<b>Chronic toxicity to aquatic invertebrates</b>	No data available
<b>Biodegradation</b>	Readily biodegradable. OECD Test Guideline 301F (28 d): 97 % Test substance: Gulfsol Solvent
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse affects</b>	No data available

### 13. DISPOSAL CONSIDERATIONS

<b>Waste Code</b>	Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification.
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- Disposal methods** Dispose of only in accordance with local, state, and federal regulations. Land disposal of this product is restricted. Do not contaminate any lakes, streams, ponds, groundwater or soil.
- Empty containers** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. 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, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed

### 14. TRANSPORTATION INFORMATION

**PRODUCT LABEL:** Gulfsol<sup>®</sup> 140

**D.O.T.:** Not regulated. Product does not sustain combustion (49 CFR 173.120(b)(3)).  
**IATA:** Not regulated  
**IMDG:** Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
**Remarks:** No data available

### 15. REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

**OSHA Hazards (HCS 1994)**  
Combustible liquid.

#### **TSCA Inventory Listing**

<u>Components</u>	<u>CAS-No.</u>
Distillates, petroleum, hydrotreated light	64742-47-8

#### **SARA 302 Status**

<u>Components</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.		

#### **SARA 311/312 Classification**

"Fire hazard", "Immediate (acute) health hazard"

#### **SARA 313 Chemical**

<u>Components</u>	<u>CAS-No.</u>	<u>Weight Percent</u>
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.		

#### **US.EPA CERCLA Hazardous Substances (40 CFR 302)**

<u>Components</u>	<u>Reportable Quantity</u>	<u>Weight Percent</u>
None		

#### INTERNATIONAL REGULATIONS

#### **WHMIS Classification**

Flammable liquids	Category 4
Aspiration hazard	Category 1

<b>Canada. Domestic Substances List (DSL) Inventory</b>	Listed
<b>Canada. Non-Domestic Substance Listing (NDSL)</b>	Not listed

Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.



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### 16. OTHER INFORMATION

#### STATE REGULATIONS

California Prop. 65  
Components  
none

CAS-No.

#### HAZARD RATINGS

	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/ Instability</u>
HMIS <sup>®</sup>	1	2	0
NFPA	1	2	0

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

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**END OF MSDS**