



# Gulf Mineral Seal Oil SDS - Safety Data Sheet

## LUBRICANTS

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Gulf Mineral Seal Oil

**Other means of identification:** Distillates (petroleum), hydrotreated middle; Paraffin oil

**SDS Number:** 335420

**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

**OSHA/HCS status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Label Elements



GHS Classifications: **Aspiration hazard; Category 1**

GHS Signal Word: **DANGER**

**Hazard Statement:** May be fatal if swallowed and enters airways

**Classified Hazards**

GHS Phrases:

H335 – May cause respiratory irritation

GHS Precautionary Statements:

P273 – Avoid release to the environment

P302+352 – IF ON SKIN: Wash with soap and water

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Mineral Oil (petroleum)	8042-47-5	>99%

### 4. FIRST AID MEASURES

**INHALATION FIRST AID:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

**SKIN CONTACT FIRST AID:** Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

**EYE CONTACT FIRST AID:** Flush with water for several minutes. If effects occur, consult a physician.

**INGESTION FIRST AID:** Rinse mouth with water. If symptoms develop, obtain medical attention.



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### 5. FIREFIGHTING MEASURES

#### NFPA 704 Hazard Class

Health: 1

Flammability: 1

Instability: 0



0 (Minimal)

1 (Slight)

2 (Moderate)

3 (Serious)

4 (Severe)

**Flash Point:** 124°C (255°F)

**Flash Point Method:** COC

**Extinguishing Media:** Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F/100°C. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

#### Specific hazards arising from the chemical:

**Unusual Fire & Explosion Hazards:** This material may burn, but will not ignite readily. If container is not properly cooled, it can rupture in the heat of a fire.

**Hazardous Combustion Products:** Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

**Special protective actions for firefighters:** For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, in enclosed or confined spaces, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done safely. Avoid spreading burning liquid with water used for cooling purposes.

### 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.



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## 7. HANDLING AND STORAGE

### 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):

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Use only with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Keep away from heat and sources of ignition. Keep container closed when not in use.

#### STORAGE PRECAUTIONS:

Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sun-light. Keep locked up or in an area accessible only to qualified or authorized persons.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

Material	Source	Type	mg/m <sup>3</sup>
White mineral oil (petroleum) CAS 8042-47-5	OSHA Z-1	TWA (Mist)	5 mg/m <sup>3</sup>
White mineral oil (petroleum) CAS 8042-47-5	ACGIH	TWA (inhalable fraction)	5 mg/m <sup>3</sup>
White mineral oil (petroleum) CAS 8042-47-5	OSHA PO	TWA (Mist)	5 mg/m <sup>3</sup>
White mineral oil (petroleum) CAS 8042-47-5	NIOSH REL	TWA (Mist)	5 mg/m <sup>3</sup>
White mineral oil (petroleum) CAS 8042-47-5	NIOSH REL	STEL (mist)	10 mg/m <sup>3</sup>

#### 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. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



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### 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

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

Appearance:	Clear and bright	Flash Point:	255°F (Pensky-Martens) Closed Cup
Physical State:	Liquid	Density:	6.83 lb/gal approximately
Odor:	Petroleum	Solubility:	Nil in water
Viscosity:	3.75 cSt @ 40°F	Vapor Density:	Heavier than air (Air = 1)

## 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.

**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

### GENERAL INFORMATION:

Based on data on the components and the toxicology of similar materials

### ROUTES OF ENTRY:

Skin, Eyes, Ingestion, and Inhalation.

### ACUTE EXPOSURE:

#### ACUTE ORAL TOXICITY:

Remarks: No data available

#### ACUTE INHALATION TOXICITY:

Remarks: No data available

#### ACUTE DERMAL TOXICITY:

Remarks: No data available

### COMPONENTS:

#### White mineral oil (petroleum):

Acute oral toxicity:

LD50 (Rat): > 5,000 mg/kg,

Acute inhalation toxicity:

LC50 (Rat): > 5.2 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity:

LD50 (Rabbit): > 2,000 mg/kg

### SKIN CORROSION/IRRITATION:

Product:

Remarks: No data available

### SERIOUS EYE DAMAGE/EYE IRRITATION:

Product:

Remarks: No data available



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**RESPIRATORY OR SKIN SENSITISATION:**

No data available

**GERM CELL MUTAGENICITY:**

No data available

**CARCINOGENICITY:**

No data available

**REPRODUCTIVE TOXICITY:**

No data available

**STOT - SINGLE EXPOSURE:**

No data available

**STOT - REPEATED EXPOSURE:**

No data available

## 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 .....: **Gulf Mineral Seal Oil**

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.



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## 15. REGULATORY INFORMATION

**OSHA Hazard Communication Standard:**

The classification of this material is based on OSHA HCS 2012 criteria.

United States inventory (TSCA):	All components are listed or exempted.
Canada inventory:	All components are listed or exempted.
Europe inventory:	All components are listed or exempted.

**California Prop. 65:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 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**

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