



GulfSyn FE 75W-85 Gear Oil

SDS - Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: GulfSyn FE 75W-85 Gear Oil

Other means of identification: Synthetic Gear Oil

SDS Number: 337195

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

Classified Hazards

GHS Phrases:

H320 – Causes eye irritation

H315 – Causes skin irritation

H412 – Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:

P273 – Avoid release to the environment

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

P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

As defined under SARA 311 and 312, this product contains materials that are acute, chronic hazards.

Label Elements



GHS Signal Word: WARNING

GHS Classifications:

Health, Skin corrosion/irritation, 2

Health, Serious Eye Damage/Eye Irritation, 2 B

Environmental, Hazards to the aquatic environment, Chronic, 3

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Synthetic Base Oil	Various	0-75%
Proprietary Ingredients	Mixture	<35%

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SKIN CONTACT FIRST AID: Wash with plenty of soap and water. Remove contaminated clothing and shoes.

INHALATION FIRST AID: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

INGESTION FIRST AID: If swallowed, rinse mouth. Do NOT induce vomiting.

NOTES TO PHYSICIAN: Treat symptomatically.



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5. FIREFIGHTING MEASURES

NFPA 704 Hazard Class

Health: 1 Flammability: 1 Reactivity: 0



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

Flash Point (Typical): 208°C (406°F)

Autoignition Temperature: N/A

NFPA Flammability Classification:
NFPA Class-III B combustible material

Flammable Limits in Air:

LEL: N/A

UEL: N/A

Extinguishing Media: Carbon dioxide, water fog, foam, or dry powder. Do not use water, because this product is oil based. Water or foam may cause frothing.

Fire & Explosion Hazards: Can burn in fire, releasing toxic vapors, fumes, and smoke.

Fire Fighting Instructions:

As in any fire, wear self-contained breathing apparatus pressure-demans MSHA/NIOSH (approved or equivalent) and full protective gear.

Combustion Products: Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO₂.

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.

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.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Material	Source	Type	mg/m3
Highly Refined Base Oil	ACGIH TLV	TWA (Inhalable fraction)	5 mg/m3
Highly Refined Base Oil	NIOSH REL	TWA (Mist)	5 mg/m3
Highly Refined Base Oil	NIOSH REL	STEL (Mist)	10 mg/m3
Highly Refined Base Oil	OSHA PEL	TWA	5 mg/m3

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. If mists are produced, local ventilation may be required to keep exposure below limits.

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.

Form : Liquid
Odor: Mild Petroleum
Vapor Pressure: Less than 0.1 mm Hg at 68°F (20°C)
Vapor Density: Heavier than air (Air = 1)
Autoignition Temp: Not available
Specific Gravity: 0.8528 Approximately
Density: 7.10 / lb Approximately
Melting Point: Not determined
Viscosity: 12.8 cSt @ 100°C
Flash Point: 406°F
Pour Point: -47°F

10. STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with strong oxidizing agents.

DECOMPOSITION: In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

CONDITIONS TO AVOID: Excessive heat. Avoid all sources of ignition.

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.



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ACUTE EXPOSURE:**EYE IRRITATION:**

Not expected to cause eye irritation. Based on data from components or similar materials.

Vapors may cause irritation.

SKIN IRRITATION:

Slightly irritating based on data from components or similar materials. Prolonged or repeated skin contact without proper hygiene may result in skin disorders such as acne.

RESPIRATORY IRRITATION:

Based on data from components and similar materials, Inhalation of vapors or mists may cause irritation.

DERMAL TOXICITY:

Expected to be of low toxicity: LD50 > 5000 mg/kg, Rabbit

ORAL TOXICITY:

Expected to be of low toxicity: LD50 > 5000 mg/kg, Rat

INHALATION TOXICITY:

Based on data from components and similar materials, product is not considered to be an inhalation hazard under normal conditions of use.

SENSITIZATION:

Component concentrations in this formulation would not be expected to cause skin sensitization, based on tests of the components or similar formulations.

CHRONIC EXPOSURE:**CHRONIC TOXICITY:**

No data available to indicate product or components present at greater than 1% are chronic health hazards.

CARCINOGENICITY:

Product contains mineral and/or synthetic oils shown to be noncarcinogenic in laboratory studies with the same or similar materials. Mineral and synthetic oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.

MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

REPRODUCTIVE TOXICITY:

No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

TERATOGENICITY:

No data available to indicate either product or components present at greater than 0.1% that may cause birth defects.

ADDITIONAL INFORMATION:

No other health hazards known.

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. Avoid exposing to the environment, no specific aquatic data 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:	GulfSyn FE 75W-85 Gear 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.

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.
Japan inventory (ENCS): All components are listed or exempted.
Australia inventory (AICS): All components are listed or exempted.
Korea inventory (KECI): All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.

16. OTHER INFORMATION

Reason for Issue:	New
Approval Date:	March 16, 2018
Supersedes Date:	New

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