



SAFETY DATA SHEET

Gulf HT Fluid C TO-4 50

04143/50/US

Issuing Date 07-27-2026

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Version 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Gulf HT Fluid C TO-4 50
Product Code(s) 04143/50/US

Recommended use of the chemical and restrictions on use

Recommended use Automatic Transmission Fluids [ATF]

Uses advised against Any other purpose.

Details of the supplier of the safety data sheet

Manufacturer, Importer, Supplier

Supplier Gulf Lubricants Inc.
1800 Hughes Landing Boulevard. Suite 360
The Woodlands
Texas 77380
Tel : +1 (832) 585-1056
SDS@gulfoilltd.com

Emergency Telephone Number (US & Canada) +1 866 519 4752 (Code 335883)

SECTION 2: HAZARDS IDENTIFICATION

Classification

Serious eye damage/eye irritation	Category 2A
Reproductive Toxicity	Category 1B
Acute aquatic toxicity	Category 3
Chronic aquatic toxicity	Category 3

Label elements

Signal word

Danger

Hazard statements

Causes serious eye irritation
H360F - May damage fertility
Harmful to aquatic life
Harmful to aquatic life with long lasting effects

**Precautionary statements****Precautionary Statements - Prevention**

Obtain, read and follow all safety instructions before use
Avoid contact during pregnancy/while nursing
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazards not otherwise classified (HNOC)**Health**

Not Applicable.

Physical

Not Applicable.

Other Information**Other hazards**

The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration

The product does not contain any substance(s) classified as endocrine disruptor above the threshold of declaration

The product does NOT contain component(s) that meet the 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. Health hazard information is based on its ingredients.

Chemical name	CAS No.	Weight-%
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	1% - 5%
Zinc dialkyl dithiophosphate	68649-42-3	0.9% - 1.8%
2,3,5,6-tetraethenylphenol	74499-35-7	0.09% - 0.27%

The exact percentage (concentration) of composition has been withheld as a trade secret

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General advice	If symptoms persist, call a physician.
Inhalation	Remove to fresh air.
Skin contact	Wash off immediately with soap and plenty of water. Take off contaminated clothing and wash before reuse.
Eye contact	Keep eye wide open while rinsing. Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Clean mouth with water. Do not induce vomiting without medical advice.
Self-protection of the first aider	Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms	None known.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Carbon dioxide (CO₂). Dry chemical. Foam. Water spray or fog. Cool containers with flooding quantities of water until well after fire is out.

Unsuitable extinguishing media

Do not use straight streams. Do not scatter spilled material with high pressure water streams.

Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes. The product is insoluble and floats on water.

Hazardous combustion products	Carbon monoxide. Carbon dioxide (CO ₂).
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Advice for firefighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all sources of ignition. Ensure adequate ventilation. Extremely slippery when spilled.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment Dike to collect large liquid spills.

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

See also section 8/12/13

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

General hygiene considerations When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep cool. Protect from sunlight. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials Oxidizing agent.

Specific end use(s)

Automatic Transmission Fluids [ATF]

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	AIHA WEEL
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	5 mg/m ³ as mist	5 mg/m ³ as mist		

Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Personal protective equipment Engineering controls should be considered as the first line of protection against adverse exposure to harmful substances, Administrative controls and PPE should be used in the absence of engineering controls or as supplemental controls where engineering controls are insufficient in reducing specific exposures to an acceptable level

Eye/Face Protection Tightly fitting safety goggles.

Hand Protection

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. The following glove type may be suitable for handling this product: Protective gloves complying with EN 374.

Nitrile rubber Glove thickness => 0.38 mm Break through time => 480 min

Butyl rubber Glove thickness => 0.64 mm Break through time => 480 min

Glove material suitability will vary depending on specific use conditions. Consideration should be given to variables such as operational characteristics, anticipated contact time, task requirements and other factors relevant to the selection of PPE. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Any specific glove information provided is based on published literature and glove manufacturer data. Barrier creams may help to protect the exposed areas of skin. Barrier creams should not be applied after exposure has occurred. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Skin and body protection Long sleeved clothing.

Respiratory protection In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls Avoid release to the environment.

Thermal hazards None under normal use conditions

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIESInformation on basic physical and chemical properties

Physical state	Liquid	Appearance	clear Amber
Odor	Hydrocarbon-like	Odor threshold	Not Determined

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH		
Melting point / freezing point		
Initial boiling point and boiling range		
Flash point	240 °C	ASTM D 92
Evaporation rate		
Flammability	Not Determined	

Flammability Limit in Air**Upper flammability or explosive limits****Lower flammability or explosive limits** Not applicable**Vapor pressure**

No data available

Relative vapor density

No data available

Relative density

0.8956

Solubility(ies)

Immiscible in water

Partition coefficient

Not determined

Autoignition temperature

Not Determined

Decomposition**temperature****Kinematic viscosity**

203 cSt @ 40 °C

ASTM D 445

Explosive properties

Not applicable

Oxidizing Properties

Not applicable

Other Information**Viscosity, kinematic (100°C)**

18.4 cSt @ 100°C

ASTM D 445

Pour Point

Not Determined

VOC Content (ASTM E-1868-10)

Not Determined

VOC content

Not Determined

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

None under normal use conditions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

None under normal use conditions

Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition, Extremes of temperature and direct sunlight

Incompatible materials

Oxidizing agent

Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors; Carbon monoxide (CO); Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION**Product Information - Principle Routes of Exposure**

Inhalation	No known effect based on information supplied
Eye contact	Severely irritating to eyes
Skin contact	No known effect based on information supplied
Ingestion	No known effect based on information supplied

Acute toxicity - Product Information

Product does not present an acute toxicity hazard based on known or supplied information

Acute toxicity - Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8			= 3900 mg/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage / eye irritation Based on available data, the classification criteria are not met.

Sensitization**Respiratory Sensitization**

Based on available data, the classification criteria are not met.

Skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Distillates (petroleum), hydrotreated light paraffinic 64742-55-8	A4 – Not classifiable as a human carcinogen	Group 3 – Not classifiable as to its carcinogenicity to humans	Not listed	
Zinc dialkyl dithiophosphate 68649-42-3	Not listed	Not listed	Not listed	
2,3,5,6-tetraethenylphenol 74499-35-7	Not listed	Not listed	Not listed	

Reproductive toxicity

Contains a known or suspected reproductive toxin. May impair fertility. May cause harm to the unborn child.

Specific target organ toxicity (single exposure) Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Other adverse effects

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea
Distillates (petroleum), hydrotreated light paraffinic	-	5000: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50	1000: 48 h <i>Daphnia magna</i> mg/L EC50
Zinc dialkyl dithiophosphate	-	LC50: 1.0 - 5.0mg/L (96h, <i>Pimephales promelas</i>) LC50: 10.0 - 35.0mg/L (96h, <i>Pimephales promelas</i>)	EC50: 1 - 1.5mg/L (48h, <i>Daphnia magna</i>)
2,3,5,6-tetraethenylphenol	-	-	-

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility The product is insoluble and floats on water. Is not likely mobile in the environment due its low water solubility.

Other adverse effects No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Observe all label precautions until container is cleaned, reconditioned or destroyed.

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

IATA Not regulated

IMDG Not regulated

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) / Canadian WHMIS 2015

U.S. Federal Regulations**SARA 313**

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

Chemical name	CAS No.	SARA 313 - Threshold Values %
Zinc dialkyl dithiophosphate	68649-42-3	1.0

SARA 311/312 Hazard Categories

<i>Acute health hazard</i>	Yes
<i>Chronic Health Hazard</i>	Yes
<i>Fire hazard</i>	No
<i>Sudden Release of Pressure Hazard</i>	No
<i>Reactive Hazard</i>	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CERCLA

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this regulation, Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations**SCAQMD Rule 1144**

This product has not been tested for VOC content by the ASTM E-1868-10 method and is not approved for sale or distribution in the SCAQM District of California if the product is used as a metal forming, metal removal, metal treating, metal protection fluid or as a direct-contact lubricant.

California Proposition 65

This product does not contain any Proposition 65 chemicals

Canada**CEPA Toxic substances list: Schedule 1**

Not applicable

Prohibition of Certain Toxic Substances Regulations, 2012 (SOR/2012-285)

Not applicable

International Regulations**The Montreal Protocol on Substances that Deplete the Ozone Layer**

Not applicable

The Stockholm Convention on Persistent Organic Pollutants

Not applicable

The Rotterdam Convention

Not applicable

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

All ingredients are on the inventory or exempt from listing

Other Information**SECTION 16: OTHER INFORMATION****NFPA**

Health hazards 2

Flammability 1

Instability 0

Special hazards -

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH - American Conference of Governmental Industrial Hygienists

Derived No Effect Level (DNEL)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

Persistent, Bioaccumulative, and Toxic (PBT) Substances

STOT RE - Specific target organ systemic toxicity (repeated exposure)

STOT SE - Specific target organ systemic toxicity (Single exposure)

IARC (International Agency for Research on Cancer)

NTP: (National Toxicity Program)

OSHA: (Occupational Safety & Health Administration)

STEL - Short Term Exposure Limit

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

Time-Weighted Average

VOC - Volatile organic compounds

Revision date

07-27-2026

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet