



# SAFETY DATA SHEET

**Gulf Supreme Duty ULE, SAE 10W-30**

**02160/10W-30/4**

**Issuing Date** 12-14-2022

**Revision Date** 12-14-2022

**Version** 1

## SECTION 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

### Product identifier

**Product Name** Gulf Supreme Duty ULE, SAE 10W-30  
**Product Code(s)** 02160/10W-30/4

### Other means of identification

**UN Number** Not Applicable

### Recommended use of the chemical and restrictions on use

**Recommended Use** Engine oil  
**Uses advised against** Any other purpose.

### Suppliers name, address and phone number

AB Equipment Ltd official licensee of Gulf Oil International for New Zealand  
12 Pukekiwiriki Place  
Highbrook Drive  
Auckland  
Tel: (+) 64 0800 30 30 90  
products@gulfoilltd.com, sds@gulfoilltd.com

### Emergency telephone number

NZ: (+) 64 800 451719 (Code 334276)

**Poison Information Center telephone number** (AU) 13 11 26, (NZ) 0800 764 766

## SECTION 2: HAZARDS IDENTIFICATION

### GHS Classification

Not classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonized System (GHS)

### Label elements

**Signal word**  
None

**Hazard statements**  
None

**Precautionary Statements**  
None

**Other hazards**

Repeated contact may cause allergic reactions in very susceptible persons  
Causes mild skin irritation

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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

Chemical name	CAS No	Weight-%
Highly refined base oil (Viscosity >20.5 cSt @40°C)	-	60% - 100%
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	-	10% - 25%

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346. The highly refined base oil may be described by one or more of the following generic CAS identifiers: 64742-54-7, 64742-65-0, 64742-52-5, 64742-53-6, 64742-62-7, 64742-57-0, 64742-01-4, 64741-88-4, 64741-96-4, 64741-97-5, 64742-55-8, 64742-56-9, 64741-89-5, 8042-47-5. See Section 15 for additional information on base oils.

The remaining composition is a mixture of non-classified ingredients or additives below the threshold for disclosure

**SECTION 4: FIRST AID MEASURES**

**Description of first aid measures**

- General advice** May produce an allergic reaction. If symptoms persist, call a physician.
- Inhalation** Remove to fresh air.
- Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. May cause an allergic skin reaction. If symptoms persist, call a physician.
- Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing.
- Ingestion** Clean mouth with water. Drink plenty of water. Do not induce vomiting without medical advice.
- Protection of First-aiders** Use personal protective equipment. Avoid contact with skin, eyes and clothing.

**Most important symptoms and effects, both acute and delayed**

**Main Symptoms** Prolonged contact may cause redness and irritation, Rashes, Itching

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** May cause sensitization of susceptible persons. Treat symptomatically.

**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.

**Extinguishing media which shall not be used for safety reasons**

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

**Specific hazards arising from the chemical**

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

**Hazardous decomposition products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

**Advice for firefighters**

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear

**Hazchem emergency action code** Not listed.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Take precautionary measures against static discharges.

**Advice for non-emergency personnel** Extremely slippery when spilled.

**Advice 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**

Dike to collect large liquid spills

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take up mechanically and collect in suitable container for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections**

See Section 8/12/13 for additional information

**SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling**

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.

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

**Technical measures/Storage conditions**

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

**Incompatible materials**

Oxidizing agent

**Recommended Use** Engine oil

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Limits**

Chemical name	Australia	New Zealand	New Zealand - Biological Exposure Indices (BEI)
Highly refined base oil (Viscosity >20.5 cSt @40°C)	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	

*Australia - Workplace Exposure Standards for Airborne Contaminants.  
New Zealand - Workplace Exposure Standards and Biological Exposure Indices.*

**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

**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

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and body protection** Long sleeved clothing.

**Hand Protection**

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. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

**Respiratory protection** No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hygiene measures** Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

**Environmental Exposure Controls** Avoid release to the environment.

**Thermal hazards** None under normal use conditions

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Appearance</b>	clear amber
<b>Odor</b>	Hydrocarbon-like	<b>Odor threshold</b>	Not Determined

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	Not Determined	
<b>Melting point / freezing point</b>	Not determined	
<b>Boiling point / boiling range</b>	Not determined	
<b>Flash point</b>	239 °C / 462 °F	ASTM D 92
<b>Evaporation rate</b>	Not determined	
<b>Flammability</b>	Ignitable substance	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	Not determined	
<b>Lower flammability or explosive limits</b>	Not determined	
<b>Vapor pressure</b>	Not Determined	
<b>Vapor density</b>	Not determined	
<b>Relative density</b>	0.867 @ 15 °C	
<b>Solubility(ies)</b>	Immiscible in water	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	Not Determined	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	79.26 cSt @ 40 °C	ASTM D 445
<b>Explosive properties</b>	Not applicable	
<b>Oxidizing Properties</b>	Not applicable	

Other Information

<b>Viscosity, kinematic (100°C)</b>	11.63 cSt @ 100°C	ASTM D 445
<b>Pour Point</b>	-42 °C / -44 °F	ASTM D 97
<b>VOC Content (ASTM E-1868-10)</b>	Not Determined	
<b>VOC content</b>	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; Carbon dioxide (CO<sub>2</sub>)

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on the likely routes of exposure

#### Product Information - Principle Routes of Exposure

Inhalation	None known
Eye contact	None known
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons; Mild skin irritation
Ingestion	None known

### Numerical measures of toxicity - Product Information

ATEmix (oral)	>2000 mg/kg
ATEmix (dermal)	>2000 mg/kg

### 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
Highly refined base oil (Viscosity >20.5 cSt @40°C)	>2000 mg/kg	>2000 mg/kg	>5 mg/L
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	>2000 mg/kg	>2000 mg/kg	>5 mg/L

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

<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met. Mild skin irritant.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Sensitization</b>	
<b>Respiratory Sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	Repeated contact may cause allergic reactions in very susceptible persons.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met

<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Other adverse effects</b>	No information available
<b>Exposure levels</b>	See section 8 for more information
<b>Interactive effects</b>	None known

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

No special environmental measures are necessary

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Highly refined base oil (Viscosity >20.5 cSt @40°C)	>100: 72 h mg/L	>100: 96 h mg/L		>100: 48 h mg/L
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	>100: 72 h mg/L	>100: 96 h mg/L		>100: 48 h mg/L

### Persistence and degradability

The product is not readily biodegradable, but it can be degraded by micro-organisms, it is regarded as being inherently biodegradable.

### Bioaccumulative potential

No information available

### Mobility in soil

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

### Other adverse effects

None known

## SECTION 13: DISPOSAL CONSIDERATIONS

### Safe handling and disposal methods

Dispose of in accordance with local regulations

### Disposal of any 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.

### Environmental regulations

Should not be released into the environment

## SECTION 14: TRANSPORT INFORMATION

**ADG** Not regulated  
**Hazchem emergency action code** Not listed

**IMDG** Not regulated

**IATA** Not regulated

## SECTION 15: REGULATORY INFORMATION

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

#### National regulations

##### Australia

Model Work Health and Safety Regulations (2021).  
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (2020).

##### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated

##### New Zealand

Health and Safety at Work (Hazardous Substances) Regulations 2017.

<b>New Zealand</b>	Not Regulated
<b>HSNO Approval Number:</b>	Not Regulated
<b>HSNO Hazard Classification:</b>	Not Regulated

#### International Regulations

##### **Ozone-depleting substances (ODS)**

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

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
All ingredients are on the inventory or exempt from listing

**AICS** - Australian Inventory of Chemical Substances  
All ingredients are on the inventory or exempt from listing



**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
All ingredients are on the inventory or exempt from listing

**KECL** - Korean Existing and Evaluated Chemical Substances  
All ingredients are on the inventory or exempt from listing

**IECSC** - China Inventory of Existing Chemical Substances  
Contact supplier for inventory compliance status

**ENCS** - Japan Existing and New Chemical Substances  
All ingredients are on the inventory or exempt from listing

**TCSI** - Taiwan National Existing Chemical Inventory  
Contact supplier for inventory compliance status

**NZIoC** - New Zealand Inventory of Chemicals  
All ingredients are on the inventory or exempt from listing

### Other Information

The highly refined base oil (Viscosity >20.5 cSt @40°C) contains one or more substance with the following CAS/EC numbers:

Chemical name	CAS No	EC No
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	101316-72-7	309-877-7
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	265-090-8
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	265-091-3
Residual oils (petroleum), solvent deasphalted	64741-95-3	265-096-0
Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4	265-097-6
Distillates (petroleum), solvent-refined light naphthenic	64741-97-5	265-098-1
Residual oils (petroleum), solvent-refined	64742-01-4	265-101-6
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	265-155-0
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	265-159-2
Residual oils (petroleum), hydrotreated	64742-57-0	265-160-8
Lubricating oils (petroleum), hydrotreated spent	64742-58-1	265-161-3
Residual oils (petroleum), solvent-dewaxed	64742-62-7	265-166-0
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	265-169-7
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	265-174-4
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	265-176-5
Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	72623-83-7	276-735-8
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	72623-85-9	276-736-3
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	276-737-9
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	276-738-4
Lubricating oils	74869-22-0	278-012-2
White mineral oil (petroleum)	8042-47-5	232-455-8

The highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C) contains one or more substance with the following CAS/EC numbers:

Chemical name	CAS No	EC No
Distillates (petroleum), heavy hydrocracked	64741-76-0	265-077-7
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	265-090-8
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	265-091-3
Residual oils (petroleum), solvent deasphalted	64741-95-3	265-096-0
Distillates (petroleum), solvent-refined heavy naphthenic	64741-96-4	265-097-6
Distillates (petroleum), solvent-refined light naphthenic	64741-97-5	265-098-1
Residual oils (petroleum), solvent-refined	64742-01-4	265-101-6
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	265-155-0
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	265-159-2
Residual oils (petroleum), hydrotreated	64742-57-0	265-160-8
Lubricating oils (petroleum), hydrotreated spent	64742-58-1	265-161-3
Residual oils (petroleum), solvent-dewaxed	64742-62-7	265-166-0
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	265-169-7
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	265-174-4
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	265-176-5
Dec-1-ene, homopolymer, hydrogenated	68037-01-4	500-183-1
Lubricating oils (petroleum), C>25, hydrotreated bright stock-based	72623-83-7	276-735-8
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity	72623-85-9	276-736-3
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	276-737-9
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	276-738-4
Lubricating oils	74869-22-0	278-012-2

## SECTION 16: OTHER INFORMATION

**Issuing Date** 12-14-2022  
**Revision Date** 12-14-2022  
**Revision Note** Initial Release

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

TWA Time weighted average STEL Short term exposure limit  
 Ceiling Maximum limit value: (s) - Skin Skin designation  
 + Sensitizers C Carcinogen  
 STOT SE - Specific target organ systemic toxicity (Single exposure)  
 STOT RE - Specific target organ systemic toxicity (repeated exposure)  
 VOC - Volatile organic compounds

### 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**