



MATERIAL SAFETY DATA SHEET

Product name:	GulfSea Gear Oil	Page:	1/4
Revision Date:	14/02/2017	Revision nr:	4
Product No.:	2ME2000	Supersedes:	13/03/2015

1. Identification of the product and the company

Trade name : GulfSea Gear Oil (ISO VG 68,100,150, 220, 320, 460, 680)
Use : Industrial gear oil
Company identification : Gulf Oil Marine Ltd. 13th Floor, Fortis Tower, No. 77-79 Gloucester Road, Wan Chai, Hong Kong
Tel : (852) 3693 0568 Fax : (852) 3748 9960 www.gulf-marine.com
Emergency phone nr : Tel : (852) 3693 0568
Company : As above

2. Information on ingredients

This product is not considered to be hazardous and contains hazardous components.

Composition (preparation) : Mixture of highly refined mineral base oils (PCA-content < 3 % - IP 346) and additives.

Substance name	Value (s)	CAS nr	EINECS nr	EC index	CERTIFICATE
Alkyl phosphate	: < 0.2 %	-----	-----	-----	C; R34
Long chain alkenyl amine	: < 0.1 %	-----	-----	-----	Xn; R22 C; R35 N; R50
Long chain alkyl amine	: < 0.2 %	-----	-----	-----	T; R23/24 Xn; R22-48/20 C; R34 R43 N; R50-53

3. Hazards identification

Main hazards : Not a dangerous preparation according to 1999/45/EC.
Adverse human health effects : May produce an allergic reaction.
Environmental hazards : No specific risk for the environment.

4. First aid measures

First aid
– **Inhalation** : Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped apply artificial respiration.
– **Skin contact** : Wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse and discard shoes and other leather articles.
– **Eye contact** : Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.
– **Ingestion** : DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. Get immediate medical attention.
Note to physician : Treat symptomatically.



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5. Fire - fighting measures

Extinguishing media	:	Water fog. Carbon dioxide. Dry chemical. Foam. Sand.
Suitable extinguishers	:	
Extinguishers not to be used	:	Do not use a heavy water stream.
Surrounding fires	:	
	:	Use water spray or fog for cooling exposed containers.
Special exposure hazards	:	None under normal conditions
Protection against fire	:	Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	:	None Identified.

6. Accidental release measures

Personal precautions	:	Keep public away from danger area. Wear recommended personal protective equipment. Equip cleanup crew with proper protection.
Environmental precautions	:	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
After spillage and/or leakage	:	Clean up any spills as soon as possible, using an absorbent material to collect it. Collect spills and put it into appropriated container. Use suitable disposal containers. Recover the cleaning water for disposal. Spill area may be slippery.
on soil	:	May require excavation of contaminated soil.

7. Handling and storage

General	:	No naked lights. No smoking. Keep away from sources of ignition.
Precautions in handling and storage	:	Handle in accordance with good industrial hygiene and safety procedures.
Storage	:	Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place. Keep at temperature not exceeding 45°C.
Handling	:	Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection	:	
– Respiratory protection	:	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
– Hand protection	:	Use neoprene or rubber gloves.
– Skin protection	:	No special clothing/skin protection equipment is recommended under normal conditions of use.
– Eye protection	:	Safety glasses.
Industrial hygiene	:	Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. Physical and chemical properties

Physical state	:	Liquid.
Colour	:	Amber.
Odour	:	Mild.
Pour point [°C]	:	-15 to -6
Viscosity at 40°C [mm²/s]	:	68 to 680
Flash point [°C]	:	224 to 256
Specific gravity	:	0.884 to 0.907



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10. Stability and reactivity

Physico-chemical stability	: Stable.
Conditions to avoid	: Open flame. Sparks. Overheating.
Materials to avoid	: Oxidizing agents. Strong acids, bases.
Hazardous decomposition products	: Carbon dioxide. Carbon monoxide. Hydrogen sulfide.
Hazardous reactions	: None under normal conditions.
Hazardous Polymerization	: Will not occur.

11. Toxicological information

Acute toxicity	: Not expected to be toxic.
Inhalation	: Practically non toxic at normal conditions of usage. May cause respiratory irritation following prolonged or repeated inhalation of excessive oil mist and vapours.
Dermal	: Not expected to be a primary skin irritant. Prolonged or repeated exposure may lead to dermatitis.
Ingestion	: Practically non toxic if swallowed in small doses. Larger quantities may cause nausea & diarrhoea.
Carcinogenicity	: No data available.
Mutagenicity	: Not expected to be a mutagenic hazard

12. Ecological information

Ecological effects information	: Adverse effects to the environment are not expected from this product
Bioaccumulative potential	: Not determined.
Mobility soil	: Ground water contamination may be caused through spillages

13. Disposal considerations

Disposal	: Dispose in a safe manner in accordance with local/national regulations.
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14. Transport information

General information	: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
UN No.	: Not regulated
ADR/RID	: Not regulated
IMO-IMDG code	: Not regulated
ICAO/IATA	: Not regulated

15. Regulatory information

Symbol(s)	: None.
R Phrase(s)	: None.
S Phrase(s)	: None.
OSHA hazardous chemical (s)	: Contains: - Long chain alkyl amine. May produce an allergic reaction.



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16. Other information

- R-phrases listed in chapter 2** : R22 : Harmful if swallowed.
R23/24 : Toxic by inhalation and in contact with skin.
R34 : Causes burns.
R35 : Causes severe burns.
R43 : May cause sensitization by skin contact.
R48/20 : Harmful : danger of serious damage to health by prolonged exposure through inhalation.
R50 : Very toxic to aquatic organisms.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Product information** : For specific or detailed technical data for this product, please contact your local sales representative.
- Note** :

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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