



# MATERIAL SAFETY DATA SHEET

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<b>Product No.:</b>	1CS2308	<b>Supersedes:</b>	25/07/14

## 1. Identification of the product and the company

**Trade name** : GulfSea SuperBear 3008  
**Use** : Marine System 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

**Composition (preparation)** : Mixture of mineral base oils (PCA content < 3% - IP 346) and additives This product is considered to be hazardous and contains hazardous components.

Substance name	Value (s)	CAS nr	EINECS nr	EC index	CERTIFICATE
Calcium long chain alkaryl sulfonate	0.1 – 1.0	----	----	----	R53

## 3. Hazards identification

**Main hazards** : Not a dangerous preparation according to 1999/45/EC.  
**Adverse human health effects** : None under normal conditions.  
**Environmental hazards** : No specific risk for the environment.

## 4. First aid measures

**First aid**

- **Inhalation** : Assure fresh air breathing. If you feel unwell, seek medical advice.
- **Skin contact** : Never use kerosine or gasoline for cleaning the skin. Wash skin thoroughly with mild soap and water.  
Remove contaminated clothing and shoes.
- **Eye contact** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **Ingestion** : Do not induce vomiting. Seek medical attention immediately.

**General information** : If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.

## 5. Fire - fighting measures

**Extinguishing media**

- Suitable extinguishers** : Water fog. Dry chemical. Carbon dioxide. Alcohol foam.
- 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** : Under fire conditions, hazardous fumes will be present.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.



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## 6. Accidental release measures

- Personal precautions** : Remove ignition sources.  
Avoid all unnecessary exposure. Equip cleanup crew with proper protection.
- Environmental precautions** : Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters.
- After spillage and/or leakage** : Spill area may be slippery. Use suitable disposal containers.  
Clean up any spills as soon as possible, using an absorbent material to collect it.

## 7. Handling and storage

- General** : No naked lights. No smoking. Keep away from sources of ignition.
- Storage** : Keep only in the original container in a cool, well ventilated place. Keep at temperature not exceeding.
- 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** : When using, do not eat, drink or smoke.  
Provide adequate ventilation to minimize dust and/or vapour concentrations.
- Occupational Exposure Limits** : ACGIH 8 hour TLV-TWA : 5 mg/m<sup>3</sup> for oil mists.

## 9. Physical and chemical properties

- Physical state** : Viscous liquid.
- Colour** : Dark
- Odour** : Mild.
- Pour point [°C]** : < -15
- Viscosity at 100°C [mm<sup>2</sup>/s]** : 11.45
- Flash point [°C] (ASTM D 92)** : > 220°C

## 10. Stability and reactivity

- Physico-chemical stability** : Stable. Avoid extreme heat and high energy sources of ignition.
- Conditions to avoid** : Extremely high or low temperatures.
- Materials to avoid** : Oxidizing agents.
- Hazardous decomposition products** : None under normal conditions.



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**Hazardous reactions** : None under normal conditions.

## 11. Toxicological information

**Acute toxicity** : Not expected to be toxic. Studies available indicate oral and dermal LD50s of > 5000 gm/kg which is considered as low acute toxicity.

**- Inhalation** : Harmful by inhalation.

**- Other toxicological information** : No appropriate human or animal health effects data are known to exist.

## 12. Ecological information

**Ecological effects information** : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Persistence and degradability** : Minimally biodegradable.

**Bioaccumulative potential** : Not determined.

**Mobility soil** : Spillages may penetrate the soil causing ground water contamination.

## 13. Disposal considerations

**Disposal** : Dispose in a safe manner in accordance with local/national regulations.

**Waste-disposal procedures** : See Directive 2001/118/EC

**Industrial waste number** : 13 02 08 - other engine, gear and lubricating oils.

## 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. ADR/RID** : Not regulated.

**IMO-IMDG code** : Not regulated.

**ICAO/IATA** : Not regulated.

## 15. Regulatory information

**Symbol(s)** : Irritant.

**R Phrase(s)** : R53 : May cause long term effects in the aquatic environment.

**S Phrase(s)** : S61 : Avoid release to environment

**Additional phrase(s)** : Contains : - Calcium long chain alkaryl sulfonate.

## 16. Other information

**R-phrases listed in chapter 2** : R53 : May cause long term effects in the aquatic environment.

**Further information** : None.

**Sources of key data used** : CONCAWE.

The contents and format of this MSDS are in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council.



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