



# MATERIAL SAFETY DATA SHEET

<b>Product name:</b>	GulfSea SuperBear 3006	<b>Page:</b>	1/4
<b>Revision Date:</b>	14/02/2017	<b>Revision nr:</b>	3
<b>Product No.:</b>	1CS2306	<b>Supersedes:</b>	01/04/14

## 1. Identification of the product and the company

**Trade name** : GulfSea SuperBear 3006  
**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

## 2. Information on ingredients

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

Substance name	Value (s)	CAS nr	EINECS nr	EC index	CERTIFCATE
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.



# MATERIAL SAFETY DATA SHEET

<b>Product name:</b>	GulfSea SuperBear 3006	<b>Page:</b>	2/4
<b>Revision Date:</b>	14/02/2017	<b>Revision nr:</b>	3
<b>Product No.:</b>	1CS2306	<b>Supersedes:</b>	01/04/14

## 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]** : < -6
- Viscosity at 100°C [mm<sup>2</sup>/s]** : 11.1
- Flash point [°C] (ASTM D 92)** : > 215°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.
- Hazardous reactions** : None under normal conditions.



# MATERIAL SAFETY DATA SHEET

<b>Product name:</b>	GulfSea SuperBear 3006	<b>Page:</b>	3/4
<b>Revision Date:</b>	14/02/2017	<b>Revision nr:</b>	3
<b>Product No.:</b>	1CS2306	<b>Supersedes:</b>	01/04/14

## 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** : Not regulated.
- 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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# MATERIAL SAFETY DATA SHEET

<b>Product name:</b>	GulfSea SuperBear 3006	<b>Page:</b>	4/4
<b>Revision Date:</b>	14/02/2017	<b>Revision nr:</b>	3
<b>Product No.:</b>	1CS2306	<b>Supersedes:</b>	01/04/14

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