

## 1. Identification of the product and the company

### PRODUCT IDENTITY:

Petrogulf Marine System Oil (3005, 3006, 3008)

### COMPANY INFORMATION

PetroGulf Oil Manufacturing L.L.C.

P. O. BOX 30399, Ajman

United Arab Emirates

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## 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
Calcium Long chain Alkyl benzene Sulfonate	1-5	--	--	--

## 3. Hazards identification

Main hazards Not a dangerous preparation.  
 Adverse human health affects 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 kerosene 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	Water fog. Dry chemical. Carbon dioxide. Alcohol foam.
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	Under fire conditions, hazardous fumes will be present.
Protection against fire	Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental release measures

Personal precaution 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

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.

Occupational Exposure Limits Provide adequate ventilation to minimize dust and/or vapor concentrations. ACGIH 8 hour TLV-TWA : 5 mg/m<sup>3</sup> for oil mist.

## 9. Physical and chemical properties

Colour	Dark
Flash point	>220°C (Closed cup)
Viscosity	Kinematic: 10.7-12.9 mm <sup>2</sup> /s at 100°C
Density	894 kg/m <sup>3</sup> (0.894 g/cm <sup>3</sup> ) at 15°C
Solubility	Insoluble in water.

## 10. Stability and reactivity

Physical-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:	None under normal conditions.
Products Hazardous reactions	None under normal conditions.

## 11. Toxicological information

Acute toxicity Not expected to be toxic. Studies available indicate oral and dermal LD50s of > 5 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.

Bio-accumulative potential: Not determined.

Persistence and degradability: Minimally biodegradable.

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

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

### 14. Transport information

General information	Not regulated.
UN No. ADR/RID	Not regulated.
IMO-IMDG code	Not regulated.
ICAO/IATA	Not regulated.

### 15. REGULATORY INFORMATION

Inventory	All components are listed on the TSCA inventory.
CERCLA	Reportable Quantity: Not known
Acute Health	None
Chronic Health	None
Fire Hazard	None
Pressure Hazard	None
Reactive Hazard	None

Additional                      Contains Calcium Long chain Alkyl benzene Sulfonate. May produce an allergic reaction

### 16. OTHER INFORMATION

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