

1. Identification of the product and the company

Product Identity:

Petrogulf Marine PE Cool Oil (32, 46, 68,100 and 150)

Company Information

PetroGulf Oil Manufacturing L.L.C
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2. Hazards Identification

Main Hazards: Not a dangerous preparation

Adverse human health affects: None under normal conditions.

Environmental Hazards Symptoms Relating to use: No specific risk for the environment.

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Symptoms of overexposure to vapors include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision.

Skin Contact: Not expected to present a significant skin hazard under anticipated conditions of normal use. Prolonged or repeated contact may cause skin to become dry or cracked.

Eye Contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Direct contact with the eyes is likely slightly irritating.

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

3. Composition/Information on Ingredients

This product is not considered to be hazardous and does not contain hazardous components

. Name	CAS Number	Proportion
Poly- Ester		80-100%

4. First Aid Measures

Inhalation: Apply artificial respiration if person not breathing. If symptoms develop seek medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

Eye: If contact with the eyes, wash immediately with copious amounts of water. If symptoms persist seek medical treatment.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor: Treat symptomatically.

5. Fire Fighting Measures

Suitable Extinguishing Media: Use carbon dioxide, dry chemical, and foam or water fog.

Hazards from Combustion Products: Combustible liquid. This product will burn if exposed to fire.

Special Protection Equipment: Fire-fighters should wear full protective clothing and self contained breathing apparatus in case of fire.

6. Accidental Release Measures

Emergency Procedures: Personnel to wear appropriate personal protective equipment and clothing to minimize exposure. Remove all sources of ignition. Stop leaks where safe to do so. Ventilate area. Use inert absorbent material on spillage to avoid spillage from entering drains or waterways. Use non sparking tools to collect material, and place in labeled containers. Dispose of waste materials in accordance with local and national regulations. If spillage enters waterways contact the Environmental Protection Authority or local water authority.

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.

Soil: May require excavation of contaminated soil.

7. Handling and storage

Precautions for Safe Handling: Use in a well ventilated area. Wear appropriate protective equipment and clothing to avoid inhalation of fumes or mist, contact with skin and eyes. Containers not in use should be closed. Do not smoke. Always wash hands after handling and prior to eating, drinking, smoking or using the toilet.

Conditions for Safe Storage: Store in a cool, well ventilated area away from heat and other sources of ignition, oxidizing agents, foodstuffs, and out of direct sunlight. Keep containers securely sealed and protect against damage.

8. Exposure controls/personal protection

National Exposure Standards: No exposure standard has been established, however, the TWA National Occupational Health and Safety Commission exposure standard for oil mist is 3mg/m³. As with all chemicals, exposure should be kept to the lowest possible level.

Engineering Controls: Use in well ventilated areas. Where ventilation is inadequate, a local exhaust ventilation system is required.

Eye Protection: Safety glasses with side shields, goggles or full face mask as appropriate. Individual circumstances will dictate the final choice of protection.

Hand Protection: Use gloves of an impervious nature. Individual circumstances will dictate the final choice of protection.

Body Protection: No special clothing/skin protection equipment is recommended under normal conditions of use.

Respiratory Protection: Normally not required, however if mists or vapors are generated in a poorly ventilated area an approved respirator with a replaceable vapor/mist filter is recommended.

9. Physical and Chemical Properties

Physical State: Liquid
Melting Point: Not available
Boiling Point: Not available
Vapor Pressure: Not available
Solubility in Water: Insoluble
Viscosity @ 40°C: 32-150 cSt
Pour Point °C: < -28°C
Specific Gravity: 0.960-0.990
Flash Point: >235°C

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to Avoid: Heat, open flames or other sources of ignition.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, phosphorous and sulphur.

11. Toxicological Information

Toxicology Information: 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 vapors.

Ingestion: Practically non toxic if swallowed in small doses. Larger quantities may cause nausea & diarrhea.

Skin: Contact may cause irritation to the skin. This may include redness and itchiness.

Eye: Contact may cause impaired vision, redness and tearing.

Chronic Effects: Prolonged or repeated contact may result in skin irritation leading to dermatitis.

12. Ecological information

Ecological effects information: Adverse effects to the environment are not expected from this product.

Persistence/Degradability: Readily Bio-degradable.>70% degradation within 28 days according to modified Sturm test.

Mobility Soul: Ground water contamination may be caused through spillages.

Bio-accumulative Potential: Not available.

Environmental Protection: Do not allow product to enter drains, waterways or sewers.

13. Disposal considerations

Disposal Considerations: The disposal of spilled or waste materials must be done in accordance with local, state and national regulations.

14. Transport information

General information: Not regulated
UN No.: Not regulated
ADR/RID: Not regulated

15. Regulatory information

Poisons Schedule: Not scheduled
Hazard Category: Not classified as hazardous
Symbol(s): None
R Phrase(s): None
S Phrase(s): None

16. Other Information:

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