



MATERIAL SAFETY DATA SHEET

Product name:	GulfSea Cylcare ECA 50	Page:	1/4
Revision Date:	14/02/2017	Revision nr:	1
Product No.:	1CY1517	Supersedes:	10/12/2014

1. Identification of the product and the company

Trade name : GulfSea Cylcare ECA 50
Use : Cylinder Oil for 2-Cycle marine diesel engines
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

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

Composition (preparation) : Mixture of Mineral base stocks & performance additives.

Substance name	Value (s)	CAS nr	EINECS nr	EC index	CERTIFICATE
Alkylated phenol	: 0.5 - 1 %	Confidential	310-154-3	-----	N Xn R36/38 R50/53 R62

3. Hazards identification

Main hazards : Classified as a dangerous preparation according to Directive 1999/45/EC.
Adverse human health effects : None under normal conditions.
Environmental hazards : Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. First aid measures

First aid

- **Inhalation** : Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.
- **Eye contact** : Rinse immediately with plenty of water. Seek medical attention if irritation develops.
- **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. Carbon dioxide. Dry chemical. Foam. Sand.
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



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respiratory protection.

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 on soil** : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
: May require excavation of contaminated soil.

7. Handling and storage

- General Precautions in handling and storage** : No naked lights. No smoking. Keep away from sources of ignition.
: 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. When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Occupational Exposure Limits** : According to TWA (TLV) ACGIH : 3 mg/m³ for oil mist.

9. Physical and chemical properties

- Physical state** : Oily liquid.
- Colour** : Amber.
- Odour** : Mild.
- Pour point [°C]** : -18
- Viscosity at 100°C [mm²/s]** : 19.0
- Specific gravity** : 0.902



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



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15. Regulatory information

Symbol(s) None.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

EINECS/ELINCS -

TSCA -

DSL -

ENCS -

IECS -

KECL -

PICCS -

AICS -

NZIoC -

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List/Non-Domestic Substances List

ENCS - Japan Existing and New Chemical Substances

IECS - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

16. Other information

R-phrases listed in chapter 2 : R36/38: Irritating to eyes and skin
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62: Possible risk of impaired fertility.

The contents and format of this MSDS are in accordance with Regulation (EC) Np 1907/2006 of the European Parliament and of the Council.

DISCLAIMER OF LIABILITY

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