

# MATERIAL SAFETY DATA SHEET



Product name: Athen Marine Grease EAL  
Supersedes date: September 2025  
Product No.: EALGR

Page: 7  
Revision: October 2025  
SDS-ID: A/EALGR/2025

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name: Athen Marine Grease EAL

Container size: -

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Application: Environmentally Accepted Grease

### 1.3. Details of the supplier of the safety data sheet

Supplier: Athen Marine Lubricants LLC  
PO BOX: 111541  
Dubai, UAE.  
Tel: +971 42587297  
www.athenmarine.com

Emergency contact: Tel: +971504834180

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

GHS: The product is not classified.

### 2.2. Label elements

The substance/mixture does not meet the criteria for classification and labelling.

### 2.3. Other hazards

PBT/vPvB: Not applicable.

Other: Prolonged or repeated contact with used grease may cause serious skin diseases, such as dermatitis. The harmful effects may increase in used grease.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret

Composition comments All ingredients (substances) in our products (preparations) are exempt from REACH registration and reporting or are registered and reported on an annual basis by the ingredient (substance) suppliers Only Representatives in accordance with current REACH regulations.

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation: Move into fresh air and keep at rest. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Rinse mouth with water. Drink 1-2 glasses of water. Do not induce vomiting. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects  
: \_\_\_\_\_ Defatting, drying and cracking of skin.

### 4.3. Indication of any immediate medical attention and special treatment needed

Medical  
attention/treatments: \_\_\_\_\_ Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards: When heated and in case of fire, harmful vapours/gases may be formed. Fire in closed areas should only be extinguished by trained personnel.

### 5.3. Advice for firefighters

Protective equipment for fire-fighters: Evacuate personnel from immediate vicinity. Wear self-contained breathing apparatus and full personal protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures - Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up - Stop the flow of material, if this is without risk. Following product recovery, flush areas with water. For waste disposal, see section 13 of the SDS.

Environmental precautions - Avoid discharge into drains, water courses or onto the

## SECTION 7: HANDLING AND STORAGE

Precautions for safe handling - Avoid prolonged exposure. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities - Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits:

CAS- No.:	Chemical name:	As:	Exposure limits:	Type:	Notes	References
	calcium dinonyl naphthalenesu lfonate	-	Occupationa l exposure limit	PEL (Long - Term)		

DNEL/PNEC: DNEL: Not available.

### 8.2. Exposure controls

<u>Engineering measures:</u>	Provide adequate ventilation. Minimize the risk of inhalation of vapours from heated grease.
<u>Respiratory equipment:</u>	No specific recommendations
<u>Hand protection:</u>	Nitrile gloves are recommended. If signs of wear and tear are noticed then the gloves should be replaced. The most suitable glove must be chosen in collaboration with the gloves supplier, who can inform about the breakthrough time of the glove material.
<u>Eye protection:</u>	Risk of splashes: Wear approved safety goggles.
<u>Skin protection:</u>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<u>Hygiene measures:</u>	Wash hands after handling. Observe good chemical hygiene practices. When using do not eat, drink or smoke. Always remove grease with soap and water or skin cleaning agent, never use organic solvents.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<u>Appearance:</u>	Semi-solid
<u>Colour:</u>	Natural
<u>Odour:</u>	Characteristic
<u>Odour threshold:</u>	Not available.
<u>pH:</u>	Not applicable.
<u>Melting point / Drop point:</u>	NA
<u>Boiling point:</u>	Not available.
<u>Flash point:</u>	190°C (base oil)
<u>Evaporation rate:</u>	Not available.
<u>Flammability (solid, gas):</u>	Not applicable.

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Explosion limits: Not available.  
Vapour pressure: Not available.  
Vapour density: Not available.  
Relative density: 0.90 kg/m<sup>3</sup>  
Insoluble in water  
Solubility: : Soluble in Organic solvents.  
Partition coefficient (n-octanol/water): Not available.  
Auto-ignition temperature (°C): Not available.  
Decomposition temperature (°C): Not available.  
Consistency: 265-385  
Explosive properties: Not explosive  
Oxidising properties: Not applicable

**9.2. Other information**

Other data: Not available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity: Not reactive.

### 10.2. Chemical stability

Stability: Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: None known

### 10.4. Conditions to avoid

Conditions/materials to avoid: Heat, sparks, flames.

### 10.5. Incompatible materials

Incompatible materials: Strong oxidizing substances.

### 10.6. Hazardous decomposition products

Hazardous decomposition products: None under normal conditions. Hazardous polymerisation will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

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Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.  
Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.  
Serious eye damage/irritation: Based on available data, the classification criteria are not met.  
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met  
Germ cell mutagenicity: Based on available data, the classification criteria are not met  
Carcinogenicity: Based on available data, the classification criteria are not met  
Reproductive Toxicity: Based on available data, the classification criteria are not met  
STOT - Single exposure: Based on available data, the classification criteria are not met  
STOT - Repeated exposure: Based on available data, the classification criteria are not met  
Aspiration hazard: Based on available data, the classification criteria are not met

Inhalation: Inhalation of oil mist or vapours formed during heating of the product may irritate the respiratory system and provoke throat irritation and coughing.

Skin contact: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis.

Eye contact: May cause temporary eye irritation.

Ingestion: Low order of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis .

Specific effects: Used oil may contain harmful contaminants.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity** - The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability Bio accumulative potential Mobility in soil Mobility in soil** - No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal instructions**- Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations**-Dispose in accordance with all applicable regulations. **Hazardous waste code**-The waste code should be assigned in discussion between the user, the producer and the waste disposal company. **Waste from residues / unused products**- Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**- Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

The product is not regulated as dangerous goods under IMDG Code, IATA-DGR and ADR/RID. 14.1.

### UN number

UN-No: not regulated for transport of dangerous goods.

### 14.2. UN proper shipping name

[Info@athenmarine.com](mailto:Info@athenmarine.com)

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Proper Shipping Name: not regulated for transport of dangerous goods.

#### 14.3. Transport hazard class(es)

Class: not regulated for transport of dangerous goods

#### 14.4. Packing group

PG: not regulated for transport of dangerous goods.

#### 14.5. Environmental hazards

Marine pollutant: Not regulated.

Environmentally Hazardous Substance: No regulated

#### 14.6. Special precautions for user:

Special precautions: Not Regulated.

#### 14.7. Transport in bulk according to Annex II-VI of MARPOL 73/78 and the IBC code

Maritime transport in bulk according to IMO instruments.

## **SECTION 15: OTHER INFORMATION**

**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

*The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature.*

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