



**Safety Data Sheet (SDS)**  
**AMALIE Marine Engine Oil 30 – 40 TBN**

Product  
Code: 821403081160  
Revision Date: 07/29/2024

**Section 1. Identification**

**1.1. Product identifier**

**Product Identity** AMALIE Marine Engine Oil 30 – 40 TBN  
**Alternate Names** N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Intended use** See Technical Data Sheet.

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

**Company Name** AMALIE OIL COMPANY (Florida)  
1601 McCloskey Boulevard  
Tampa, Florida 33605 U.S.A.

**Emergency**

**24 hour Emergency Telephone No.** ChemTel 1-800-255-3924 24 hr  
**Customer Service:** (813)248-1988  
info@amalie.com  
www.amalie.com

**Section 2. Hazard(s) identification**

**2.1. Classification of the substance or mixture**

Skin Sens. 1;H317 May cause an allergic skin reaction.  
Asp. Tox. 1;H304 May be fatal if swallowed and enters airways.

**2.2. Label elements**



**Danger**

H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.

**[Prevention]**

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves, eye protection, and face protection.

**[Response]**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

**[Storage]**

P405 Store locked up.

**[Disposal]**

P501 Dispose of contents or container in accordance with local and national regulations.

### Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Distillates Hydrotreated Heavy Paraffin CAS Number: 64742-54-7	75 - 100	Not Classified	----
Distillates (petroleum), solvent refined heavy paraffinic CAS Number: 64741-88-4	5 - 10	Not Classified	----
Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts CAS Number: 70024-69-0	5 - 10	Not Classified	----

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

### Section 4. First aid measures

#### 4.1. Description of first aid measures

**General**

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes**

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion**

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

**Overview**

Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. Check section 2.2 (GHS Label Elements) for further details.

**Inhalation** May be fatal if swallowed and enters airways.  
**Skin** May cause an allergic skin reaction.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.  
Unsuitable extinguishing media: Do not use; water jet.

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

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Avoid breathing dust, fume, gas, mist, vapors, spray.

### 5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

**ERG Guide No.** ----

## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong oxidizing agents and acids.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

### 7.3. Specific end use(s)

No available information

## Section 8. Exposure controls / personal protection

### 8.1. Control parameters

				Exposure
CAS No.	Ingredient	Source	Value	

64741-88-4	Distillates (petroleum), solvent refined heavy paraffinic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
64742-54-7	Distillates Hydrotreated Heavy Parrafin	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
70024-69-0	Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 5 mg/m<sup>3</sup> ACGIH.

## 8.2. Exposure controls

<b>Respiratory</b>	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
<b>Eyes</b>	Protective safety glasses recommended
<b>Skin</b>	Avoid skin contact. Protective gloves recommended.
<b>Engineering Controls</b>	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
<b>Other Work Practices</b>	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

## Section 9. Physical and chemical properties

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

<b>Appearance</b>	Clear to slightly amber Liquid
<b>Odor</b>	Mild Petroleum
<b>Odor threshold</b>	No available information
<b>pH</b>	No available information
<b>Melting point / freezing point</b>	No available information
<b>Initial boiling point and boiling range</b>	No available information
<b>Flash Point</b>	250°C
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>Flammability (solid, gas)</b>	No available information
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information
<b>Vapor pressure (Pa)</b>	No available information
<b>Vapor Density</b>	No available information
<b>Relative Density</b>	0.896
<b>Solubility in Water</b>	Negligible
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>Viscosity (cSt)</b>	103 cSt @ 40°C
<b>VOC Content</b>	NIL

### 9.2. Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No available information

### 10.4. Conditions to avoid

Excessive heat and open flame.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## Section 11. Toxicological information

### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Distillates Hydrotreated Heavy Parrafin - (64742-54-7)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available.	No data available.	No data available.
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88-4)	> 5,000.00, Rat - Category: NA	> 5,000.00, Rabbit - Category: NA	No data available.	11.00, Rat - Category: NA	No data available.
Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts - (70024-69-0)	No data available.	No data available.	No data available.	No data available.	No data available.

### Carcinogen Data

CAS No.	Ingredient	Source	Value
64741-88-4	Distillates (petroleum), solvent refined heavy paraffinic	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
64742-54-7	Distillates Hydrotreated Heavy Parrafin	OSHA	Regulated Carcinogen: No;
		NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
70024-69-0		OSHA	Regulated Carcinogen: No;

	Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts	NTP	Known: No; Suspected: No;
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;
		ACGIH	No Established Limit
<b>Classification</b>	<b>Category</b>	<b>Hazard Description</b>	
Acute toxicity (oral)	---	Not Applicable	
Acute toxicity (dermal)	---	Not Applicable	
Acute toxicity (inhalation)	---	Not Applicable	
Skin corrosion/irritation	---	Not Applicable	
Serious eye damage/irritation	---	Not Applicable	
Respiratory sensitization	---	Not Applicable	
Skin sensitization	1	May cause an allergic skin reaction.	
Germ cell mutagenicity	---	Not Applicable	
Carcinogenicity	---	Not Applicable	
Reproductive toxicity	---	Not Applicable	
STOT-single exposure	---	Not Applicable	
STOT-repeated exposure	---	Not Applicable	
Aspiration hazard	1	May be fatal if swallowed and enters airways.	

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Distillates Hydrotreated Heavy Parrafin - (64742-54-7)	101.00, Pimephales promelas	> 10,000, Daphnia magna	100.00, Pseudokirchneriella subcapitata
Distillates (petroleum), solvent refined heavy paraffinic - (64741-88-4)	No data available.	No data available.	No data available.
Benzenesulfonic acid, mono-C15-24-alkyl derivatives, calcium salts - (70024-69-0)	No data available.	No data available.	No data available.

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

No available information

### 12.4. Mobility in soil

No available information

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No available information

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.



Distillates Hydrotreated Heavy Parrafin (64742- 54-7)	Yes	Yes	Yes	Yes	No	No	No	Yes
Distillates (petroleum), solvent refined heavy paraffinic (64741- 88-4)	Yes	Yes	Yes	Yes	No	No	No	Yes
Benzenesulfonic acid, mono-C15- 24-alkyl derivatives, calcium salts (70024-69-0)	Yes	Yes	Yes	Yes	No	No	No	No

<b>Chemical Name (CAS Number)</b>	<b>China IECSC</b>	<b>Japan ENCS</b>	<b>Japan ISHL</b>	<b>Japan PDSCCL</b>	<b>Japan PRTR 1</b>	<b>Japan PRTR 2</b>	<b>Philippines PICCS</b>	<b>New Zealand NZIOC</b>
Distillates Hydrotreated Heavy Parrafin (64742- 54-7)	Yes	Yes	No	No	No	No	Yes	Yes
Distillates (petroleum), solvent refined heavy paraffinic (64741- 88-4)	Yes	No	No	No	No	No	Yes	Yes
Benzenesulfonic acid, mono-C15- 24-alkyl derivatives, calcium salts (70024-69-0)	Yes	Yes	No	No	No	No	Yes	Yes

<b>Section 16. Other information</b>
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**Revision Date** 07/29/2024

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The full text of the phrases appearing in section 3 is:

Not Applicable

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