

# ATLANTA MARINE D 3005

SDS # : 083691

## Section 1. Identification

<b>CAS number</b>	: Not applicable.
<b>UN number</b>	: Not regulated.
<b>EC number</b>	: Mixture.
<b>GHS product identifier</b>	: ATLANTA MARINE D 3005

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

#### Identified uses

Motor oil

**Supplier's details** : TOTALENERGIES MARKETING VIETNAM COMPANY LIMITED

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**Emergency telephone number (with hours of operation)** :

Vietnam: +84 28 4458 2388  
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## Section 2. Hazard identification

**Classification of the substance or mixture** : Not classified.

### GHS label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

### Precautionary statements

**Prevention** : Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Other hazards which do not result in classification** : Prolonged or repeated contact may dry skin and cause irritation.

**Additional information** : Mineral oil of petroleum origin. Product containing mineral oil with less than 3% DMSO extract as measured by IP 346



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## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture  
**Other means of identification** : Not available.

Ingredient name	Identifiers	% (w/w)
Phenol, dodecyl-, branched	121158-58-5	<0.025

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** : Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : Defatting to the skin. May cause skin dryness and irritation.

**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking

**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



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**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Carbon dioxide.  
carbon monoxide  
Hydrogen sulfide  
Mercaptans  
nitrogen oxides (NO, NO<sub>2</sub> etc.)  
sulfur oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



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## Large spill

- Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

#### **Protective measures**

- Put on appropriate personal protective equipment (see Section 8).

#### **Advice on general occupational hygiene**

- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### **Conditions for safe storage, including any incompatibilities**

- Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

#### Biological exposure indices

No exposure indices known.

#### **Appropriate engineering controls**

- Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### **Environmental exposure controls**

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### **Advisory OEL**

- Mineral oil mist: USA: OSHA (PEL) TWA 5 mg/m<sup>3</sup>, NIOSH (REL) TWA 5 mg/m<sup>3</sup>, STEL 10 mg/m<sup>3</sup>, ACGIH (TLV) TWA 5 mg/m<sup>3</sup> (highly refined)

### Individual protection measures

#### **Hygiene measures**

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**
**Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Hydrocarbon-proof gloves  
Fluorinated rubber  
nitrile rubber  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**Body protection**

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection**

: None under normal use conditions

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature (20°C / 68°F) and pressure (1013 hPa) unless otherwise indicated

**Appearance**

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Not available.
<b>Odor</b>	: Characteristic.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Melting point/freezing point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Open cup: 220°C (428°F) [ASTM D 92]
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 0.864 to 0.891 [ASTM D 4052]
<b>Density</b>	: 0.864 to 0.891 g/cm³ [15°C] [ASTM D 4052]
<b>Solubility(ies)</b>	:

Media	Result
cold water	Not soluble
hot water	Not soluble

**Miscible with water**

: No.

**Solubility in water**

: Not available.

**Partition coefficient: n-octanol/water**

: Not applicable.

**Auto-ignition temperature**

: Not available.

**Decomposition temperature**

: Not available.

**Viscosity**

: **Dynamic** (room temperature): Not available.  
Kinematic (room temperature): 11 to 12 mm²/s (11 to 12 cSt) [ASTM D 445]  
Kinematic (40°C (104°F)): Not available.

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**Flow time (ISO 2431)** : Not available.**Particle characteristics****Median particle size** : Not applicable.

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.**Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.**Conditions to avoid** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Incompatible materials** : Strong oxidizing agents**Hazardous decomposition products** : Carbon dioxide.  
carbon monoxide  
Hydrogen sulfide  
Mercaptans  
nitrogen oxides (NO, NO<sub>2</sub> etc.)  
sulfur oxides

## Section 11. Toxicological information

**Information on toxicological effects****Acute toxicity**

Product/substance	Result	Species	Dose	Exposure	Test
Phenol, dodecyl-, branched	LC50 Inhalation Dusts and mists LD50 Dermal LD50 Oral	Rat  Rabbit - Male Rat - Male, Female	5.1 mg/l  15000 mg/kg 2100 mg/kg	4 hours  - -	-  OECD 402 OECD 401

**Conclusion/Summary** : Based on available data, the classification criteria are not met.**Irritation/Corrosion**

Product/substance	Result	Species	Score	Exposure	Test
Phenol, dodecyl-, branched	Eyes - Iris lesion Skin - Irritant	Rabbit  Rabbit	0  -	-  -	OECD 405 OECD 404

**Conclusion/Summary****Skin** : Based on available data, the classification criteria are not met.**Eyes** : Based on available data, the classification criteria are not met.**Respiratory** : Based on available data, the classification criteria are not met.**Sensitization**

Product/substance	Route of exposure	Species	Result
Phenol, dodecyl-, branched	skin	Guinea pig	Not sensitizing

**Conclusion/Summary**

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**Skin** : Based on available data, the classification criteria are not met.**Respiratory** : Based on available data, the classification criteria are not met.**Mutagenicity**

Product/substance	Test	Experiment	Result
Phenol, dodecyl-, branched	OECD 471	Experiment: In vitro Subject: Bacteria	Negative
	OECD 476	Experiment: In vitro Subject: Mammalian-Animal	Negative
	OECD 474	Experiment: In vivo Subject: Mammalian-Animal	Negative

**Conclusion/Summary** : Based on available data, the classification criteria are not met.**Carcinogenicity****Conclusion/Summary** : Based on available data, the classification criteria are not met.**Reproductive toxicity**

Product/substance	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
Phenol, dodecyl-, branched	-	Positive	-	Rat - Male, Female	Oral: 15 mg/kg NOAEL	-

**Conclusion/Summary** : Based on available data, the classification criteria are not met.**Teratogenicity**

Product/substance	Result	Species	Dose	Exposure
Phenol, dodecyl-, branched	Positive - Oral	Rat - Female	-	-

**Conclusion/Summary** : Based on available data, the classification criteria are not met.**Specific target organ toxicity (single exposure)****Conclusion/Summary** : Based on available data, the classification criteria are not met.**Specific target organ toxicity (repeated exposure)****Conclusion/Summary** : Based on available data, the classification criteria are not met.**Aspiration hazard****Conclusion/Summary** : Based on available data, the classification criteria are not met.**Information on the likely routes of exposure****Conclusion/Summary** : Not available.**Potential acute health effects****Eye contact** : No known significant effects or critical hazards.**Inhalation** : No known significant effects or critical hazards.**Skin contact** : Defatting to the skin. May cause skin dryness and irritation.**Ingestion** : No known significant effects or critical hazards.**Symptoms related to the physical, chemical and toxicological characteristics****Eye contact** : No specific data.**Inhalation** : No specific data.**Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking**Ingestion** : No specific data.

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## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

Product/substance	Result	Species	Dose	Exposure
Phenol, dodecyl-, branched	Sub-chronic NOAEL Oral	Rat - Male, Female	60 mg/kg	-

**General** : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.

**Carcinogenicity** : During use in engines, contamination of oil with low levels of combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water.

**Mutagenicity** : No known significant effects or critical hazards.

**Reproductive toxicity** : No known significant effects or critical hazards.

## Numerical measures of toxicity

### Acute toxicity estimates

Product/substance	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Phenol, dodecyl-, branched	2100	15000	N/A	N/A	5.1

### Other information

:

Not available.

## **Section 12. Ecological information**

### Toxicity

Product/substance	Result	Species	Exposure	Test
Phenol, dodecyl-, branched	Acute EC50 0.36 mg/l	Algae - Scenedesmus subspicatus	72 hours	OECD 201
	Acute EC50 0.037 mg/l	Daphnia - Daphnia magna	48 hours	OECD 202
	Acute LC50 40 mg/l	Fish	96 hours	-
	Acute NOEC 0.0037 mg/l	Daphnia - Daphnia magna	21 days	OECD 211

### Persistence and degradability



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Product/substance	Aquatic half-life	Photolysis	Biodegradability
Phenol, dodecyl-, branched	-	-	Not readily

## Bioaccumulative potential

Product/substance	LogK <sub>ow</sub>	BCF	Potential
Phenol, dodecyl-, branched	7.14	794.33	High

## Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility in soil** : Given its physical and chemical characteristics, the product generally shows low soil mobility. The product is insoluble and floats on water. Loss by evaporation is limited.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	UN	IMDG	ICAO/IATA
<b>UN/ID No</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class(es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.



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## Section 15. Regulatory information

### [Circular no. 05/1999/TT-BYT](#)

Ingredient name	Category	Notes
diphenylamine	Category 2	

**Toxic classification (TCVN : 4  
3164-79)**

### [International regulations](#)

#### [Chemical Weapon Convention List Schedules I, II & III Chemicals](#)

Not listed.

#### [Montreal Protocol](#)

Not listed.

#### [Stockholm Convention on Persistent Organic Pollutants](#)

Not listed.

#### [Rotterdam Convention on Prior Informed Consent \(PIC\)](#)

Not listed.

#### [UNECE Aarhus Protocol on POPs and Heavy Metals](#)

Not listed.

### [Inventory list](#)

#### [Australia inventory \(AIIC\)](#)

: All components are listed or exempted.

#### [Canada inventory \(DSL/NDSL\)](#)

: All components are listed or exempted.

#### [China inventory \(IECSC\)](#)

: All components are listed or exempted.

#### [Europe inventory \(EC\)](#)

: All components are listed or exempted.

#### [Japan inventory](#)

: **Japan inventory (CSCL)**: All components are listed or exempted.

: **Japan inventory (ISHL)**: Not determined.

#### [New Zealand Inventory of Chemicals \(NZIoC\)](#)

: All components are listed or exempted.

#### [Philippines inventory \(PICCS\)](#)

: All components are listed or exempted.

#### [Korea inventory \(KECI\)](#)

: All components are listed or exempted.

#### [Taiwan Chemical Substances Inventory \(TCSI\)](#)

: All components are listed or exempted.

#### [Thailand inventory](#)

: Not determined.

#### [Turkey inventory](#)

: Not determined.

#### [United States inventory \(TSCA 8b\)](#)

: All components are listed or exempted.

#### [Vietnam inventory](#)

: Not determined.

**The information stated in this section relates solely to the conformity of the chemical product with the countries Inventories. The information used to confirm the inventory status of this product may be based on additional data to the chemical composition shown in Section 3. Other regulations may apply for importation or marketing authorizations.**



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## Section 16. Other information

### Ratings of danger according to

NFPA



HMIS

Health	*	2
Flammability		1
Physical hazards		0

### History

Date of revision	:	2025/01/03
previous revision date	:	2022/07/28
Version	:	1.01
Key to abbreviations	:	ACGIH = American Conference of Governmental Industrial Hygienists BCF = Bioconcentration Factor EC50 = Half maximal effective concentration EL50 = median Effective Loading IC50 = Half maximal inhibitory concentration IDHL = Immediately dangerous to life or health LC50 = Median lethal concentration LD50 = Median lethal dose LL50 = median Lethal Loading LogKow = logarithm of the octanol/water partition coefficient N/A = Not available NIOSH = National Institute of Occupational Safety and Health NOAEL = No Observed Adverse Effect Level NOEC No Observed Effect Concentration NOEL = No Observed Effect Level NOELR = No observed Effect Loading Rate OECD = Organisation for Economic Co-operation and Development OEL = Occupational Exposure Limit QSAR = Quantitative Structure–Activity Relationship REL = Recommended Exposure Limit STEL = Short Term Exposure Limit TLV = Threshold Limit Value TWA = Time Weight Average VOC = Volatile Organic Compound UVCB Substance of unknown or Variable composition, Complex reaction products or Biological material

### Procedure used to derive the classification

Classification	Justification
Not classified.	

References : Not available.

► Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.