

# SAFETY DATA SHEET

(SOLAS regulation VI/5-1 format)

**ExxonMobil**

RENEWABLE PARAFFINIC DIESEL

## Section 1. Identification

**Product name** : RENEWABLE PARAFFINIC DIESEL  
**Product description** : Hydrotreated Vegetable Oils  
**Other means of identification** : Not available.

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

**Identified uses** : Fuel, Fuel Blending Component  
**Uses advised against** : This product is not recommended for any industrial, professional or consumer use other than the Identified Uses above.

**MARPOL Annex I Category** : Energy-rich fuels

See Section 14 for transportation information related to the Bill of Lading, other shipping documents

**Supplier** : ExxonMobil Marine Fuels  
ERMYN HOUSE  
MAILPOINT 31, ERMYN WAY  
LEATHERHEAD KT22 8UX United Kingdom  
**Supplier General Contact** : (+44) (0) 23 8089 1558  
**E-Mail** : MarineFuels@contactexxonmobil.com

**Local Emergency telephone number** : Belgium: +(32)-28083237 (CHEMTREC)  
China: 400 120 4937  
France: +(33)-975181407 (CHEMTREC)  
Germany: 0800 181 7059 or +(49)-69643508409 (CHEMTREC)  
India: 000-800-100-7141  
Italy: 0800 789767 (in country) or +(39)-0245557031 (CHEMTREC)  
Japan: 0800-300-5842  
Malaysia: +60 3-9212 5794  
Netherlands: +(31)-858880596 (CHEMTREC)  
Republic of Korea: 080-880-0454  
Singapore: 800-101-2201  
Spain: 900 868538 or +(34)-931768545 (CHEMTREC)  
Thailand: 1800014808  
United Kingdom: +44 20 3807 3798  
United States: (800) 424-9300 or (703) 527-3887 (CHEMTREC)

This (M)SDS is a generic document with no country specific information included.

## Section 2. Hazard identification

This material is hazardous according to UN GHS Criteria. Classification includes all GHS hazard classes. For hazard categories with two cut-off/concentration limits, classification was based on the higher limit.

**Classification of the substance or mixture** :  FLAMMABLE LIQUIDS - Category 4  
ASPIRATION HAZARD - Category 1

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

## Section 2. Hazard identification

- Hazard statements** : H227 - Combustible liquid.  
H304 - May be fatal if swallowed and enters airways.
- Precautionary statements**
- Prevention** : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.
- Response** : P301 + P331, P310 - IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.  
P370 + P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.
- Storage** : P403 - Store in a well-ventilated place.  
P405 - Store locked up.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Contains** : renewable hydrocarbons (diesel type fraction)
- Other hazards which do not result in classification** : None known.
- Nota** : This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Substance
- Chemical name** : renewable hydrocarbons (diesel type fraction)

Ingredient name	% by weight	Identifiers
renewable hydrocarbons (diesel type fraction)	>99	CAS: 928771-01-1

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.

**Nota :**

Composition may contain up to 0.5% performance additives and / or dyes.

## 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. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
- 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.

## Section 4. First-aid measures

- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. 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.

### 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** : No known significant effects or critical hazards.
- Ingestion** : May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Local necrosis as evidenced by delayed onset of pain and tissue damage a few hours after injection.
- Ingestion** : Adverse symptoms may include the following:  
nausea or vomiting

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

- Notes to physician** : If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
- 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 6. Accidental release measures

### NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

### 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
- For emergency responders** : If specialised 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".

## Section 6. Accidental release measures

**Environmental precautions** : Avoid dispersal of spilt 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 material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilt product. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants. Warn other shipping. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

## 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 spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

**For emergency responders** : If specialised 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".

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## Section 6. Accidental release measures

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## Section 7. Handling and storage

### Precautions for safe handling

#### Protective measures

: Put on appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container. It is dangerous and/or unlawful to put petrol into unapproved containers. Do not fill container while it is in or on a vehicle. Static electricity may ignite vapour and cause fire. Place container on ground when filling and keep nozzle in contact with container. Do not use electronic devices (including but not limited to cellular phones, computers, calculators, pagers or other electronic devices, etc.) during safety critical tasks, such as bulk fuel loading or unloading operations, or in storage areas where vapours may be present, unless the devices are certified intrinsically safe by an approved national testing agency and to the safety standards required by national and/or local laws and regulations. For use as a motor fuel only. Do not siphon by mouth.

#### 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.

#### Static Accumulator

: This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of a liquid.

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

: Store in accordance with local regulations. Store in a segregated and approved area. 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. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. 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 unlabelled 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.

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- 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.
- 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): Nitrile, minimum 0.38 mm thickness or comparable protective barrier material
- 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.
- Other skin protection** : Appropriate footwear and any additional skin protection measures 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** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties and safety characteristics

**Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

- Physical state** : Liquid.
- Colour** : Colourless (may be dyed)
- Odour** : Mild
- Odour threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Not available.

## Section 9. Physical and chemical properties and safety characteristics

<b>Boiling point or initial boiling point and boiling range</b>	: 180 to 320°C (356 to 608°F)
<b>Flash point</b>	: Closed cup: >55°C (>131°F) [EN ISO 2719]
<b>Evaporation rate</b>	: Not available.
<b>Flammability</b>	: Flammable liquids - Category 4
<b>Lower and upper explosion limit/flammability limit</b>	: Not available.
<b>Vapour pressure</b>	: <0.75 mm Hg [20 °C]
<b>Relative vapour density</b>	: Not available.
<b>Relative density</b>	: 0.77 to 0.79 [EN ISO 12185]
<b>Solubility in water</b>	: Negligible
<b>Partition coefficient: n-octanol/water</b>	: >6.5
<b>Auto-ignition temperature</b>	: 204°C (399.2°F)
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: 4 cSt [20 °C] 2.6 cSt [40 °C]
<b>Particle characteristics</b>	
<b>Median particle size</b>	: Not applicable.
<b>Pour point</b>	: <-20°C

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidising materials,
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result
Renewable hydrocarbons (diesel type fraction)	<b>Rat - Oral - LD50</b> 2000 mg/kg <b>Rat - Dermal - LD50</b> 2000 mg/kg <b>Rat - Inhalation - LC50 Vapour</b> >23.4 mg/l [8 hours]

#### Conclusion/Summary

## Section 11. Toxicological information

- Inhalation** : Minimally Toxic. Based on chemical structure (polymers). Test(s) equivalent or similar to OECD Guideline 403
- Dermal** : Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 434
- Oral** : Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401

### Irritation/Corrosion

#### Conclusion/Summary

- Skin** : May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
- Eyes** : May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405
- Respiratory** : Negligible hazard at ambient/normal handling temperatures. No end point data for material.

### Respiratory or skin sensitization

#### Conclusion/Summary

- Skin** : Not expected to be a skin sensitizer. Data available. Test(s) equivalent or similar to OECD Guideline 406
- Respiratory** : Not expected to be a respiratory sensitizer. No end point data for material.

### Mutagenicity

#### Conclusion/Summary

- : Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 476

### Carcinogenicity

#### Conclusion/Summary

- : Not expected to cause cancer. Not expected to cause cancer. No end point data for material.

### Reproductive toxicity

#### Conclusion/Summary

- : Not expected to be a reproductive toxicant. Data available. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 416

### Specific target organ toxicity (single exposure)

#### Conclusion/Summary

- : Not expected to cause organ damage from a single exposure. No end point data for material.

### Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Target organs
renewable hydrocarbons (diesel type fraction)	Not applicable.	-

#### Conclusion/Summary

- : Not expected to cause organ damage from prolonged or repeated exposure. Data available. Based on test data for structurally similar materials. 408

### Aspiration hazard

#### Conclusion/Summary

- : May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material. Data available.

### Other information

#### Product

- : Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

## Section 12. Ecological information

The information given is based on data for the material, components of the material, or for similar materials, through the application of bridging principals.

### Toxicity

## Section 12. Ecological information

Product/ingredient name	Result
Renewable hydrocarbons (diesel type fraction)	<p><b>Acute - LL50</b> Fish - <i>Fish</i> 1000 mg/l - data for similar materials [96 hours]</p> <p><b>Acute - EC50</b> Micro-organism - <i>Bacteria (aerobic)</i> 1000 mg/l - data for similar materials [3 hours]</p> <p><b>Acute - EC50</b> Micro-organism - <i>Bacteria (aerobic)</i> 1000 mg/l - data for similar materials [30 minutes]</p> <p><b>Acute - EL50</b> daphnia - <i>Daphnia magna</i> 100 mg/l - data for similar materials [48 hours]</p> <p><b>Chronic - LOEC</b> daphnia - <i>Daphnia magna</i> 1 mg/l - data for similar materials [21 days]</p> <p><b>Chronic - NOEC</b> Invertebrate - <i>Sediment Invertebrate</i> 373 ppm - data for similar materials [10 days]</p> <p><b>Chronic - NOEC</b> daphnia - <i>Daphnia magna</i> 1 mg/l - data for similar materials [21 days]</p> <p><b>Chronic - LC50</b> Invertebrate - <i>Sediment Invertebrate</i> 1200 ppm - data for similar materials [10 days]</p> <p><b>Chronic - LOEC</b> Invertebrate - <i>Sediment Invertebrate</i> 1165 ppm - data for similar materials [10 days]</p>

### Conclusion/Summary

- Acute toxicity** : Not expected to be harmful to aquatic organisms.
- Chronic toxicity** : Not expected to demonstrate chronic toxicity to aquatic organisms

### Persistence and degradability

Product/ingredient name	Result
Renewable hydrocarbons (diesel type fraction)	Ready Biodegradability 82% [28 days]

- Biodegradability** : Material -- Expected to be readily biodegradable.

### Bioaccumulative potential

Not determined.

### Mobility in soil

- Mobility** : Material -- Expected to partition to sediment and wastewater solids. Low solubility and floats and is expected to migrate from water to the land.

### Other ecological information

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

### INTERNATIONAL OIL POLLUTION COMPENSATION (IOPC)

Material is considered a non-persistent oil.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimised 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. Avoid dispersal of spill material and runoff and contact with soil, waterways, drains and sewers.

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

**MARPOL** : see International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) which provides technical aspects at controlling pollutions from ships.

## Section 14. Transport information

	IMDG
UN number	UN1202
UN proper shipping name	DIESEL FUEL
Transport hazard class(es)	3
Label(s) / Mark(s)	
Packing group	III
Environmental hazards	No.

### Additional information

**IMDG** : **Emergency schedules** F-E, S-E  
Flash point >55 °C C.C.

Note - this material is being carried under the scope of MARPOL Annex I

## Section 15. Regulatory information

### 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.

## Section 15. Regulatory information

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

<b>Australia inventory (AIC)</b>	: At least one component is not listed.
<b>Canada inventory (DSL-NDSL)</b>	: Restrictions Apply
<b>China inventory (IECSC)</b>	: At least one component is not listed.
<b>Japan inventory (CSCL)</b>	: At least one component is not listed.
<b>Japan inventory (Industrial Safety and Health Act)</b>	: At least one component is not listed.
<b>New Zealand Inventory of Chemicals (NZIoC)</b>	: At least one component is not listed.
<b>Philippines inventory (PICCS)</b>	: At least one component is not listed.
<b>Korea inventory (KECI)</b>	: At least one component is not listed.
<b>Taiwan Chemical Substances Inventory (TCSI)</b>	: At least one component is not listed.
<b>United States inventory (TSCA 8b)</b>	: All components are active or exempted.

## Section 16. Other information

### History

<b>Date of issue/Date of revision</b>	: 25 February 2025
<b>Date of previous issue</b>	: 4 October 2024
<b>Version</b>	: 2.04

### Key to abbreviations

: ATE = Acute Toxicity Estimate
: BCF = Bioconcentration Factor
: GHS = Globally Harmonized System of Classification and Labelling of Chemicals
: IATA = International Air Transport Association
: IBC = Intermediate Bulk Container
: IMDG = International Maritime Dangerous Goods
: LogPow = logarithm of the octanol/water partition coefficient
: MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
: N/A = Not available
: SGG = Segregation Group
: UN = United Nations

### Procedure used to derive the classification

Classification	Justification
 LAMMABLE LIQUIDS - Category 4 ASPIRATION HAZARD - Category 1	On basis of test data Calculation method

**References** : Not available.

 Indicates information that has changed from previously issued version.

**Product code** : 1258833

### Notice to reader

## Section 16. Other information

"The information and recommendations contained herein are, to the best of ExxonMobil's knowledge and belief, accurate and reliable as of the date issued. You can contact ExxonMobil to insure that this document is the most current available from ExxonMobil. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted. The term, ""ExxonMobil"" is used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliates in which they directly or indirectly hold any interest."