



Safety data sheet
according to 1907/2006/EC, Article 31
Version number 2

Revision: 05.01.2017

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**1.1 Product Identifier:****Trade name: Gulf Marine ULSD****Product name/Description/Range:** Diesel**1.2 Relevant identified uses of the substance or mixture and uses advised against:****Product category:** PC13 Fuels**Application of the substance / the mixture:** Fuel for Diesel engines and other combustion equipment**Uses advised against:**

This product should not be used for applications other than those recommended in Section 1. without first seeking the advice of the supplier.

1.3 Details of the supplier of the safety data sheet:**Manufacturer / Importer / Supplier:**

Gulf Bunkering BV
Ambachtsweg 31
1735 AJ Den Helder
Tel: +31 (0)223 634 567
info@gulf.nl
www.gulf.nl

Further information obtainable from: Product safety department.**1.4 Emergency telephone number:**

NL - National Poison Information Centre (NVIC) tel.: +31 (0) 30 274 8888. (Only available for a practicing doctor in case of accidental poisoning. Only for professional rescuers.)

SECTION 2: Hazards Identification**2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008:**

GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 health hazard

Carc. 2 H351 Suspected of causing cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements:**Labelling according to Regulation (EC) No 1272/2008:**

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms: GHS02, GHS07, GHS08, GHS09**Signal word:** Danger**Hazard-determining components of labelling:**

Fuels, diesel

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Hazard statements:

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards:**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/Information on Ingredients****3.2 Chemical characterisation: Mixtures:****Description:**

Complex mixture of hydrocarbons consisting of paraffins, cycloparaffins, aromatic and olefinic hydrocarbons with carbon numbers predominantly in the C9 to C25.
May also contain several additives, each in a concentration of <0,1% v/v.
May contain catalytically cracked oils in which polycyclic aromatic compounds are present, mainly 3-ring but also some 4- to 6-ring variants.
Contains methyl- and ethylesters from fat sources.

Components:

CAS: 68334-30-5 EINECS: 269-822-7 Index number: 649-224-00-6 Reg.nr.: 01-2119484664-27	Fuels, diesel ⚠ Flam. Liq. 3, H226; ⚠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315	50-100%
CAS: 91-20-3 EINECS: 202-049-5 Index number: 601-052-00-2	naphthalene ⚠ Carc. 2, H351; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	< 1,0%

Additional information:

Dyes and markers can be used to indicate tax status and prevent fraud.
For the wording of the listed hazard phrases See section 16.

SECTION 4: First Aid Measures**4.1 Description of first aid measures:****General information:**

Persons, providing assistance, should avoid exposure and danger for themselves or others.
Take affected persons out of danger area and lay down.
Immediately remove any clothing soiled by the product.
In case of irregular breathing or respiratory arrest provide artificial respiration.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering).
If skin irritation continues, consult a doctor.

After eye contact:

If possible, remove contact lenses, if present and easy to do.
Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

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After ingestion:

Do not induce vomiting; call for medical help immediately.

If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

4.2 Most important symptoms and effects, both acute and delayed:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

If any of the following delayed signs and symptoms occur within 6 hours, transfer the victim to the nearest doctor or hospital:

Fever

Breathing difficulty

Tightness in the chest

Persistent coughing

4.3 Indication of any immediate medical attention and special treatment needed:

After ingestion of the liquid, droplets of the product may enter the lungs (aspiration), whereby pneumonia can occur.

SECTION 5: Firefighting Measures**5.1 Extinguishing media:****Suitable extinguishing agents:**CO₂, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** Wear self-contained respiratory protective device.**Additional information:** Cool endangered tanks with water spray.**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Keep people at a distance and stay on the windward side.

Wear protective equipment. Keep unprotected persons away.

Avoid breathing vapor and contact with eyes, skin and clothing.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Remove any possible source of ignition (open flames, finches, smoking, non-ATEX equipment).

Ensure adequate ventilation

6.2 Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Wear suitable respiratory protective device when decanting larger quantities without extractor facilities.

Information about fire and explosion protection:

Vapors are heavier than air, can cover long distances along the ground from their source before ignite or explode.

Keep ignition sources away - Do not smoke.

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Protect against electrostatic charges.
Ensure proper grounding of all parts of the installation.
Use explosion-proof apparatus / fittings and spark-proof tools.
Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities:

Storage must comply with the local regulations.
Store in a cool, dry, well-ventilated place.

Storage:**Requirements to be met by storerooms and tanks:**

Store only in the original receptacle.

Suitable materials for packaging:

Stainless steel

Carbon steel

Store in a cool location.

Information about storage in one common storage facility:

Do not store in areas where food, drink and animal foodstuff are taken.

Not required.

Further information about storage conditions:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Keep container tightly sealed.

Protect from heat and direct sunlight.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure Controls/Personal Protection

Additional information about design of technical facilities: No further data; see section 7.

8.1 Control parameters:**Ingredients with limit values that require monitoring at the workplace:****91-20-3 naphthalene**

IOELV Long-term value: 30 mg/m³, 10 ppm

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

Use protective gloves to DIN EN374-3

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Gloves Neo-Nitrile™ 300 – AQL or 0.65 (level 3). Thickness-0.35 mm.

Penetration time of glove material:

Permeation: Breakthrough time > 360 min

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The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

Body protection: Anti-static clothing**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties:****General Information:****Appearance:**

Form:	Liquid.
Colour:	Clear
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not determined.**Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	170 - 390 °C

Flash point: >60 - 75 °C**Flammability (solid, gaseous):** Not applicable.**Ignition temperature:** > 220 °C**Decomposition temperature:** Not determined.**Self-igniting:** Product is not self-igniting.**Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**Explosion limits:**

Lower:	1,0 Vol %
Upper:	6 Vol %

Vapour pressure at 38 °C: 0,4 kPa**Density at 15 °C:** 0,820 - 0,845 g/cm³**Relative density:** Not determined.**Vapour density:** Not determined.**Evaporation rate:** Not determined.**Solubility in / Miscibility with:****Water:** Insoluble.**Partition coefficient (n-octanol/water):** 2 - 15 log POW**Viscosity:**

Dynamic:	Not determined.
Kinematic at 40 °C:	2 - 4,5 mm ² /s

Solvent content:**Solids content:** Not determined

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Oxidizing properties:	Not determined
9.2 Other information:	Low conductivity: <100 pS / m, by the conductivity of this material, it is considered as a static accumulator. A fluid is generally considered to be non-conductive if its conductivity is below 100 pS / m and is considered to be semi-conductive if its conductivity is below 10,000 pS / m. If a liquid is non-conductive or semi-conductive, the same precautions remain. A number of factors, for example, the temperature of the liquid, the presence of contaminants and anti-static additives can have a great influence on the conductivity of a liquid.

SECTION 10: Stability and Reactivity**10.1 Reactivity:**

Can oxidize in presence of air.

Stable under recommended conditions.

10.2 Chemical stability:**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions:** No dangerous reactions known.**10.4 Conditions to avoid:**

Direct sunlight

Heat

Keep away from open flames, hot surfaces and sources of ignition.

In certain circumstances product can be ignited by static electricity

10.5 Incompatible materials: Oxidising Agents**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological Information****11.1 Information on toxicological effects:****Acute toxicity:**

Harmful if inhaled.

LD/LC50 values relevant for classification:**ATE (Acute Toxicity Estimates)**Inhalative LD50/2 h 11,1 mg/m³**68334-30-5 Fuels, diesel**Inhalative LD50/2 h 11 mg/m³ (ATE)**91-20-3 naphthalene**

Oral LD50 490 mg/kg (Rat)

Dermal LD50 5000 mg/kg (Rat)

Primary irritant effect:**Skin corrosion/irritation:**

Causes skin irritation.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.**CMR effects (carcinogenic, mutagenic and reprotoxic):****Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:**

Suspected of causing cancer.

Reprotoxicity: 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:**

May cause damage to organs through prolonged or repeated exposure.

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Aspiration hazard:

May be fatal if swallowed and enters airways.

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SECTION 12: Ecological Information**12.1 Toxicity:**

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: Biodegradable

12.3 Bioaccumulative potential: May be accumulated in organism

12.4 Mobility in soil: The product can penetrate into the soil.

Ecotoxicological effects:

Remark: Toxic for fish

Additional ecological information:**General notes:**

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: Films formed on water can have a negative effect on oxygen transfer and damage organisms.

SECTION 13: Disposal Considerations**13.1 Waste treatment methods:****Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

European waste catalogue: 13 07 01

Contaminated packaging:**Recommendation:**

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning by a licensed recycling company.

SECTION 14: Transport Information**14.1 UN-Number:**

ADR, RID, ADN, IMDG, IATA

UN1202

14.2 UN proper shipping name:

ADR/RID/ADN:

1202 DIESEL FUEL, special provision 640K,
ENVIRONMENTALLY HAZARDOUS

IMDG:

DIESEL FUEL, MARINE POLLUTANT

IATA:

DIESEL FUEL

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14.3 Transport hazard class(es):	
ADR/RID/ADN:	
 	
Class:	3 (F1) Flammable liquids.
Label:	3
IMDG:	
 	
Class:	3 Flammable liquids.
Label:	3
IATA:	
	
Class:	3 Flammable liquids.
Label:	3
14.4 Packing group:	
ADR,RID,ADN, IMDG, IATA	III
14.5 Environmental hazards:	
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR/RID/ADN):	Symbol (fish and tree)
14.6 Special precautions for user:	
Danger code (Kemler):	Warning: Flammable liquids. 30
EMS Number:	F-E,S-E
Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	
Not applicable.	
Transport/Additional information:	
ADR/RID/ADN:	
Limited quantities (LQ):	5L
Excepted quantities (EQ):	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category:	3
Tunnel restriction code:	D/E
IMDG:	
Limited quantities (LQ):	5L
Excepted quantities (EQ):	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1202 DIESEL FUEL, SPECIAL PROVISION 640K, 3, III, ENVIRONMENTALLY HAZARDOUS



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SECTION 15: Regulatory Information

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

Directive 2012/18/EU:**Named dangerous substances - ANNEX I:** None of the ingredients is listed.**Seveso category:**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 200 t**Qualifying quantity (tonnes) for the application of upper-tier requirements:** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII:** Conditions of restriction: 3**National regulations:** Not applicable**Additional classification according to Decree on Hazardous Materials, Annex II:**

Carcinogenic hazardous material group III (dangerous).

Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

SECTION 16: Other Information

Relevant phrases:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Training hints: Take care of good information, instruction and training for users.**Abbreviations and acronyms:**

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

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Revisions were made in sections marked with *.

Disclaimer:

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