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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Substance
Trade name/designation	: Fuels, diesel
Chemical name	: Fuels, diesel
EC Index	: 649-224-00-6
EC-No.	: 269-822-7
CAS-No.	: 68334-30-5
REACH registration No	: 01-2119484664-27-0195
Product group	: Trade product

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

1.2.1. Relevant identified uses

Use of the substance/mixture	: Fuels see attached exposure scenario.
------------------------------	--

Title	Use descriptors
Use as an intermediate (ES Ref.: 02)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15, ERC6a, ESVOC SPERC 6.1a.v1
Distribution of substance (ES Ref.: 03)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9, PROC15, ERC4, ERC5, ERC6a, ERC6b, ERC6c, ERC6d, ERC7, ESVOC SPERC 1.1b.v1
Lubricants (ES Ref.: 05)	PROC1, PROC2, PROC3, PROC4, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC13, PROC17, PROC18, ERC4, ERC7, ESVOC SPERC 4.6a.v1
Use as a fuel (ES Ref.: 06)	PROC1, PROC2, PROC3, PROC8a, PROC8b, PROC16, ERC7, ESVOC SPERC 7.12a.v1
Functional fluids (ES Ref.: 09)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC9, ERC7, ESVOC SPERC 7.13a.v1
Use as a fuel (ES Ref.: 07)	PROC1, PROC2, PROC3, PROC8a, PROC8b, PROC16, ERC9a, ERC9b, ESVOC SPERC 9.12b.v1
Use as a fuel (ES Ref.: 08)	PC13, ERC9a, ERC9b, ESVOC SPERC 9.12c.v1
Manufacture of substance (ES Ref.: 01)	PROC1, PROC2, PROC3, PROC4, PROC8a, PROC8b, PROC15, ERC1, ESVOC SPERC 1.1.v1
Formulation & (re)packing of substances and mixtures (ES Ref.: 04)	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9, PROC14, PROC15, ERC2, ESVOC SPERC 2.2.v1

Full text of use descriptors: see section 16

1.2.2. Uses advised against


No data available

1.3. Details of the supplier of the safety data sheet

Trafigura Ventures V.B.V.
Evert van de Beekstraat 1-82
The Base, Tower B - 5th Floor
1118 CL Schiphol - The Netherlands
T +31 20 504 1800
TrafiguraReach@trafigura.com

1.4. Emergency telephone number

Emergency number : +32 3 575 03 30

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This telephone number is available 24 hours per day, 7 days per week.

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 1 809 21 66 (public, 8am - 10pm, 7/7) +353 01 809 2566 (Professionals, 24/7)
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0844 892 0111 (UK only, 24/7, healthcare professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3	H226
Acute Tox. 4 (Inhalation)	H332
Skin Irrit. 2	H315
Carc. 2	H351
STOT RE 2	H373
Asp. Tox. 1	H304
Aquatic Chronic 2	H411

Full text of H statements : see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word : Danger

Hazard statements (CLP) :


- H226 - Flammable liquid and vapour.
- 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.
- H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 - Do not breathe mist, vapours, spray, gas, fume.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.
- P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. Do NOT induce vomiting.
- P391 - Collect spillage.

Listed in Annex VI

: EC Index-No. : 649-224-00-6

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2.3. Other hazards

Other hazards : PBT/vPvB data. This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.1. Substances

Comments : UVCB
Substance name : Fuel diesel
CAS-No. : 68334-30-5
EC-No. : 269-822-7
EC Index : 649-224-00-6

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Fuels, diesel; Gasoil - unspecified	(CAS-No.) 68334-30-5 (EC-No.) 269-822-7 (EC Index) 649-224-00-6 (REACH-no) 01-2119484664-27-0195	100	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT RE 2, H373 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice : First aider: Pay attention to self-protection. See also section 8 . Treat symptomatically. Never give anything by mouth to an unconscious person. Show this safety data sheet to the doctor in attendance. In case of doubt or persistent symptoms, consult always a physician.

Inhalation : Keep at rest. Provide fresh air. In case of doubt or persistent symptoms, consult always a physician. If unconscious place in recovery position and seek medical advice. Give oxygen or artificial respiration if necessary.

Skin contact : Remove contaminated clothing and shoes. After contact with skin, wash immediately with plenty of water and soap. In case of doubt or persistent symptoms, consult always a physician. In the event of a high pressure injection injury, worker should obtain immediate medical assistance.

Eyes contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical advice/attention.

Ingestion : Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Get immediate medical advice/attention.


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

Inhalation : Harmful if inhaled. May cause respiratory irritation.

Skin contact : Causes skin irritation.

Eyes contact : Contact with eyes may cause irritation.

Ingestion : May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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Chronic symptoms : Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.
 Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Vapours are heavier than air and may spread along floors. On heating there is a risk of a build-up of pressure in hermetically sealed containers or tanks. Do not allow run-off from fire-fighting to enter drains or water courses.
 Explosion hazard : Vapours may form explosive mixture with air.
 Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Hydrogen sulfide. Sulphur oxides.

5.3. Advice for firefighters

Firefighting instructions : Special protective equipment for firefighters. . In case of fire: Wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Evacuate personnel to a safe area. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Provide adequate ventilation. Evacuate personnel to a safe area. Use personal protective equipment as required. Reference to other sections: 8. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Vapours may form explosive mixture with air. Vapours are heavier than air and may spread along floors. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Material can create slippery conditions. Product may release Hydrogen Sulphide: A specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions


Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or powdered limestone. Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. After cleaning, flush traces away with water. Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate information, instruction and training for operators. Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin, eyes and clothing. Do not breathe vapour/aerosol. Take precautionary measures against static discharges. Ensure equipment is adequately earthed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take any precaution to avoid mixing with combustibles... See also section 10. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not use compressed air for filling, discharging or handling. Do not allow to enter into surface water or drains. Product may release Hydrogen Sulphide: A specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances.

Hygiene measures : Keep good industrial hygiene. When using do not eat, drink or smoke. Wash hands and face before breaks and immediately after handling of the product. Take off contaminated clothing. Separate working clothes from town clothes. Keep away from food, drink and animal feedingstuffs.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Do not store near or with any of the incompatible materials listed in section 10. Protect from sunlight. Keep container tightly closed in a cool, well-ventilated place. Keep in a bunded area. Product may release Hydrogen Sulphide: A specific assessment of inhalation risks from the presence of hydrogen sulphide in tank headspaces, confined spaces, product residue, tank waste and waste water, and unintentional releases should be made to help determine controls appropriate to local circumstances. Storage of flammable liquids.

Packaging materials : Keep only in the original container. Steel. Stainless steel.

7.3. Specific end use(s)


see attached exposure scenario.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Fuels, diesel; Gasoil - unspecified (68334-30-5)		
Belgium	Limit value (mg/m ³)	100 mg/m ³ (aerosol and vapor)
Ireland	OEL (8 hours ref) (mg/m ³)	100 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	300 mg/m ³ (calculated)
Poland	NDS (mg/m ³)	0,5 mg/m ³ (respirable fraction stable particulates)
Portugal	OEL TWA (mg/m ³)	100 mg/m ³ (aerosol and vapor)
USA - ACGIH	ACGIH TWA (mg/m ³)	100 mg/m ³ (inhalable fraction and vapor)

Fuels, diesel (68334-30-5)	
DNEL/DMEL (workers)	
Acute - systemic effects, inhalation	(15min) 4300 mg/m ³
Long-term - systemic effects, dermal	(8h) 2,9 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	(8h) 68 mg/m ³
DNEL/DMEL (general population)	
Acute - systemic effects, inhalation	(15min) 2600 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	20 mg/m ³

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Fuels, diesel (68334-30-5)	
Long-term - systemic effects, dermal	1,3 mg/kg bodyweight/day
PNEC (additional information)	
Additional information	Substance of unknown or variable composition, complex reaction products or biological material (UVCB). No data available

Additional information : Exposure limits. Personal monitoring. Room air monitoring


8.2. Exposure controls

Engineering measure(s)	: Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Take precautionary measures against static discharge. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Organisational measures to prevent /limit releases, dispersion and exposure. See also section 7.
Personal protective equipment	: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hand protection	: The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves. rubber gloves. (EN 374). NBR (Nitrile rubber). Material thickness: 0,54mm. Breakthrough time : : >240min. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.
Eye protection	: Goggles. face shield (EN 166).
Body protection	: Wear suitable coveralls to prevent exposure to the skin. Protective helmets. antistatic boots
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: A (EN 141) / ABEK (H2S) (EN141). Self-contained open-circuit compressed air breathing apparatus (EN 137)
Thermal hazard protection	: Not required for normal conditions of use. Use dedicated equipment.
Environmental exposure controls	: Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: liquid.
Colour	: Yellow.
Odour	: petroleum hydrocarbon odour.
Odour threshold	: No data available
pH	: NA: UVCB
Relative evaporation rate (butylacetate=1)	: No data available
Melting / freezing point	: -40 - 6 °C
Freezing point	: No data available
Initial boiling point and boiling range	: 141 - 500 °C
Flash point	: 55 - 75 °C 3 - Flammable liquids

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Auto-ignition temperature	: > 225 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable, liquid
Vapour pressure	: 0,4 kPa
Vapour density	: > 1 Vapour density
Relative density	: No data available
Density	: 800 - 910 kg/m ³
Solubility	: Water: NA: UVCB
Partition coefficient n-octanol/water	: NA: UVCB
Kinematic viscosity	: 4,574 mm ² /s @ 20°C
Dynamic viscosity	: No data available
Explosive properties	: NA: The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: NA: The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	: No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid. Reference to other sections: 10.5.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. See also section 7. Handling and storage.

10.5. Incompatible materials

Incompatible with strong acids and oxidizing agents. Bases. See also section 7. Handling and storage.

10.6. Hazardous decomposition products

Carbon oxides, H₂S, SO_x.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Inhalation: Harmful if inhaled.

Fuels, diesel (68334-30-5)	
LD50/oral/rat	7600 mg/kg
LD50/dermal/rabbit	> 4300 mg/kg
LC50/inhalation/4h/rat	4,1 mg/l/4h
Fuels, diesel; Gasoil - unspecified (68334-30-5)	
LD50/oral/rat	7500 mg/kg
LD50/dermal/rabbit	> 2000 mg/kg
LC50/inhalation/4h/rat	4,6 mg/l/4h



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Fuels, diesel

Skin corrosion/irritation	: Causes skin irritation. pH: NA: UVCB
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met.) pH: NA: UVCB
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Suspected of causing cancer. Test Method : Dermal, mouse, males, life long, 3x wk, 24µL.
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met.)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met.)
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure. Target Organs : blood liver thymus

Fuels, diesel (68334-30-5)

NOAEL (dermal, rat/rabbit, 90 days)	30 mg/kg bodyweight/day
NOAEC, mammalian, long term, Inhalation, Rat, systemic	1710 mg/m ³ (90 days)

Aspiration hazard : May be fatal if swallowed and enters airways.

Fuels, diesel (68334-30-5)

Kinematic viscosity	4,574 mm ² /s @ 20°C
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Other information : Symptoms related to the physical, chemical and toxicological characteristics.
Reference to other sections: 4.2.

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Toxic to aquatic life with long lasting effects.

Fuels, diesel (68334-30-5)

EL50, aquatic invertebrates, acute, Freshwater, Daphnia magna (Big water flea)	68 mg/l (48 hours)
IL50, aquatic algae, Pseudokirchneriella subcapitata	22 mg/l (72 hours)
LL50, fish, acute, Freshwater, Oncorhynchus mykiss (Rainbow trout)	21 mg/l (96 hours)
NOEL, aquatic invertebrates, long term, Freshwater, Daphnia magna (Big water flea)	0.21 mg/l (14 days)
NOEL, fish, long term, Freshwater, Oncorhynchus mykiss (Rainbow trout)	0.083 mg/l (QSAR)


Fuels, diesel; Gasoil - unspecified (68334-30-5)

LC50 fish 1	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	1- 100 mg/l

12.2. Persistence and degradability

Fuels, diesel (68334-30-5)

Persistence and degradability	Not applicable.
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12.3. Bioaccumulative potential

Fuels, diesel (68334-30-5)	
Partition coefficient n-octanol/water	NA: UVCB

Fuels, diesel; Gasoil - unspecified (68334-30-5)	
Partition coefficient n-octanol/water	3.6- 6

12.4. Mobility in soil

Fuels, diesel (68334-30-5)	
Ecology - soil	Not applicable. UVCB.

12.5. Results of PBT and vPvB assessment

Fuels, diesel (68334-30-5)	
Results of PBT assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

Additional information : Do not allow to enter into surface water or drains

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Handle with care. Safe handling: see section 7. Handling and storage. Refer to manufacturer/supplier for information on recovery/recycling. Collect and dispose of waste product at an authorised disposal facility. Dispose of contaminated materials in accordance with current regulations.

Additional information : Never use pressure to empty container. Do not burn, or use a cutting torch on the empty drum. Do not puncture or incinerate. Delivery to an approved waste disposal company. Dispose of contaminated materials in accordance with current regulations.


Further ecological information : Do not allow to enter into surface water or drains.






European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : Classified as hazardous waste according to European Union regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
The following Waste Codes are only suggestions:
130701 - fuel oil and diesel
150110 - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1202	1202	1202	1202	1202
14.2. UN proper shipping name				
GAS OIL (Fuels, diesel; Gasoil - unspecified)	GAS OIL (Fuels, diesel; Gasoil - unspecified)	Gas oil (Fuels, diesel; Gasoil - unspecified)	GAS OIL (Fuels, diesel; Gasoil - unspecified)	GAS OIL (Fuels, diesel; Gasoil - unspecified)
Transport document description				
UN 1202 GAS OIL (Fuels, diesel; Gasoil - unspecified), 3, III, (D/E)	UN 1202 GAS OIL (Fuels, diesel; Gasoil - unspecified), 3, III	UN 1202 Gas oil (Fuels, diesel; Gasoil - unspecified), 3, III	UN 1202 GAS OIL (Fuels, diesel; Gasoil - unspecified), 3, III	UN 1202 GAS OIL (Fuels, diesel; Gasoil - unspecified), 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3

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ADR	IMDG	IATA	ADN	RID
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
ADN :N2				


14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: F1		
Special provisions	: 640L, 363, 664		
Limited quantities (ADR)	: 5I		
Excepted quantities (ADR)	: E1		
Packing instructions (ADR)	: P001, IBC03, LP01, R001		
Mixed packing provisions (ADR)	: MP19		
Portable tank and bulk container instructions (ADR)	: T2		
Portable tank and bulk container special provisions (ADR)	: TP1		
Tank code (ADR)	: LGBF		
Vehicle for tank carriage	: AT		
Transport category (ADR)	: 3		
Special provisions for carriage - Packages (ADR)	: V12		
Special provisions for carriage - Operation (ADR)	: S2		
Hazard identification number (Kemler No.)	: 30		
Orange plates	: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">30</td></tr><tr><td style="text-align: center;">1202</td></tr></table>	30	1202
30			
1202			
Tunnel restriction code	: D/E		
EAC code	: 3Y		

- Transport by sea

Special provisions (IMDG)	: 363
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E

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EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A
Properties and observations (IMDG) : Immiscible with water.

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

- Inland waterway transport


Classification code (ADN) : F1
Special provisions (ADN) : 363, 640L
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0

- Rail transport

Classification code (RID) : F1
Special provisions (RID) : 363, 640L
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T2
Portable tank and bulk container special provisions (RID) : TP1
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Code: IBC : This product is being carried under the scope of MARPOL Annex I Diesel fuel.

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Fuels, diesel - Fuels, diesel; Gasoil - unspecified
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Fuels, diesel - Fuels, diesel; Gasoil - unspecified
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Fuels, diesel - Fuels, diesel; Gasoil - unspecified
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Fuels, diesel - Fuels, diesel; Gasoil - unspecified

Fuels, diesel is not on the REACH Candidate List

Fuels, diesel is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 2, significant hazard to waters (Classification according to VwVwS, Annex 1 or 2; ID No. 76)

Risk classification according to VbF : A III - Liquids with a flashpoint above 55°C up to 100°C

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

TA Luft : Organic Substances

Netherlands

Waterbezwaaarlijkheid : 6 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (A)

SZW-lijst van kankerverwekkende stoffen : Fuel diesel is listed

SZW-lijst van mutagene stoffen : Fuel diesel is listed


NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

Denmark

Recommendations Danish Regulation :

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15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

1		Modified	
2		Modified	
15		Modified	
16		Modified	

Abbreviations and acronyms:


	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	CSR = Chemical Safety Report
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	N = Dangerous for the environment
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	NOEL = no-observed-effect level
	PBT = persistent, bioaccumulating and toxic (PBT).
	PNEC = Predicted No Effect Concentration
	STEL = Short term exposure limit
	TLV = Threshold limits
	TWA = time weighted average
	vPvB = very persistent and very bioaccumulating
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)
	NA = Not applicable
	UVCB = Substance of unknown or variable composition, complex reaction products or biological material (UVCB)

Sources of key data used to compile the datasheet : European Chemicals Agency SDS of supplier.

Training advice : Training staff on good practice. Manipulations are to be done only by qualified and authorised persons.

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment - chronic hazard category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H226	Flammable liquid and vapour.
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.

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H411	Toxic to aquatic life with long lasting effects.
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According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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