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

1.1. Product identifier

Product form : Mixture
Trade name : Euro diesel B 7
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial uses, Professional use
Use of the substance/mixture : Fuels

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

NIS a.d. Novi Sad
Narodnog Fronta 12
21000 Novi Sad - Serbia
T + 381 (0) 21 481 1111
Dragana.Cvetkov@nis.eu (REACH)

Only Representative

BENS Consulting d.o.o.
Špruha 19
1236 Trzin - Slovenija
T +386 41 979 800
info@bens-consulting.eu

1.4. Emergency telephone number

Emergency number : + 381 (0) 21 481 1111
Only available during office hours.

| Country | Official advisory body | Address | Emergency number |
|---------|--|--|--|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) |


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- and EUH-statements: see section 16

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2.2. Label elements

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

Hazard pictograms (CLP)



Signal word

: Danger

Contains

: Fuels, diesel

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 vapours.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P331 - Do NOT induce vomiting.
P391 - Collect spillage.
P501 - Dispose of contents and container to an approved waste disposal plant.

2.3. Other hazards

Other hazards

: Vapours can form explosive mixtures with air. Results of PBT and vPvB assessment : Not applicable. 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.


The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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| Substance name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------------------------|---|-------|--|
| Fuels, diesel | (CAS-No.) 68334-30-5 (EC-No.) 269-822-7 (EC Index) 649-224-00-6 (REACH-no) 01-2119484664-27-0186 | < 100 | 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 |
| Fatty acids, vegetable-oil, Me esters | (CAS-No.) 68990-52-3 (EC-No.) 273-606-8 | ≤ 7 | Not classified |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|-------------------|---|
| Additional advice | : First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance. |
| Inhalation | : Remove casualty to fresh air and keep warm and at rest. Give oxygen or artificial respiration if necessary. In case of doubt or persistent symptoms, consult always a physician. |
| Skin contact | : Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician. |
| Eyes contact | : Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of doubt or persistent symptoms, consult always a physician. |
| Ingestion | : Rinse mouth thoroughly with water. Do NOT induce vomiting. Get immediate medical advice/attention. |

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

| | |
|------------------|--|
| Inhalation | : Harmful if inhaled. May cause respiratory irritation. The following symptoms may occur: Headache. Nausea. Dizziness. Inhalation of high vapour concentrations can cause CNS-depression and narcosis. |
| 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. |
| 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

Treat symptomatically.


SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : carbon dioxide (CO2), powder, alcohol-resistant foam, water spray. |
| Unsuitable extinguishing media | : Strong water jet. |

5.2. Special hazards arising from the substance or mixture

| | |
|------------------|---|
| Specific hazards | : Flammable liquid and vapour. Vapours may form explosive mixture with air. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Heating will cause a rise in pressure with a risk of bursting. |
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Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Sulphur oxides. Hydrogen sulfide. Sulfuric acid. Nitrogen oxides (NO_x).

5.3. Advice for firefighters

Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

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 : Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment. Use only non-sparking tools. 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. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions


Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up the liquid spill. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Recover large spills by pumping (use an explosion proof or hand pump). Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). This material and its container must be disposed of in a safe way, and as per local legislation. Cover the spilled liquid product with foam to slow down evaporation. After cleaning, flush traces away with water.

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 ventilation. Do not breathe vapours. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. 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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Storage of flammable liquids. Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Bund storage facilities to prevent soil and water pollution in the event of spillage. Take precautionary measures against static discharge.

Heat and ignition sources

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Special rules on packaging

: Containers which are opened should be properly resealed and kept upright to prevent leakage.

Packaging materials

: Keep only in the original container. Suitable material: Mild steel, Stainless steel. Unsuitable material: Synthetic material.

7.3. Specific end use(s)


Fuels.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Fuels, diesel (68334-30-5) | | |
|----------------------------|---------------|--|
| Belgium | OEL TWA | 100 mg/m ³ (aerosol and vapor) |
| Ireland | OEL TWA [1] | 100 mg/m ³ |
| Ireland | OEL STEL | 300 mg/m ³ (calculated) |
| Portugal | OEL TWA | 100 mg/m ³ (aerosol and vapor (Fuel diesel) |
| USA - ACGIH | ACGIH OEL TWA | 100 mg/m ³ (inhalable fraction and vapor) |

| Euro diesel B 7 | |
|--|-----------------------------|
| DNEL/DMEL (workers) | |
| Acute - systemic effects, inhalation | 4288 mg/m ³ |
| Long-term - systemic effects, dermal | 2,91 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 68,34 mg/m ³ |
| DNEL/DMEL (general population) | |
| Acute - systemic effects, inhalation | 2572,8 mg/kg bodyweight/day |

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| Long-term - systemic effects, inhalation | 20,22 mg/m ³ |
| Long-term - systemic effects, dermal | 1,25 mg/kg bodyweight/day |

Additional information : Recommended monitoring procedures : Personal monitoring. Concentration measurement in air. Personal air monitoring. Room air monitoring


8.2. Exposure controls

| | |
|---------------------------------|--|
| Engineering measure(s) | : Provide adequate ventilation. Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling. Take precautionary measures against static discharges. Ensure equipment is adequately earthed. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. |
| 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 | : Wear chemically resistant gloves (tested to EN374) . Suitable material: NBR (Nitrile rubber). Breakthrough time : > 480 min. Thickness. Not determined. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. |
| Eye protection | : Use suitable eye protection (EN166): Safety glasses |
| Body protection | : Wear suitable protective clothing |
| 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 14387). The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. (EN 137) |
| Thermal hazard protection | : Not required for normal conditions of use. Use dedicated equipment. |
| Environmental exposure controls | : Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation. Avoid release to the environment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------------|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Colour | : Characteristic. Yellow. |
| Odour | : Characteristic. Hydrocarbons. |
| Odour threshold | : No data available |
| pH | : Not applicable |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting / freezing point | : No data available |
| Freezing point | : No data available |
| Initial boiling point and boiling range | : 163 – 375 °C |
| Flash point | : > 55 °C |
| Auto-ignition temperature | : 250 – 460 °C |
| Decomposition temperature | : No data available |
| Flammability | : Not applicable, liquid |
| Vapour pressure | : No data available |
| Vapour density | : No data available |
| Relative density | : 0,82 – 0,845 (15 °C) |
| Solubility | : Water: < 20 mg/l (20 °C) |

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| | |
|---------------------------------------|---|
| Partition coefficient n-octanol/water | : 3,9 – 6 |
| Kinematic viscosity | : 2 – 4,5 mm ² /s (40° C) |
| Dynamic viscosity | : No data available |
| Explosive properties | : Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule. |
| Oxidising properties | : Not applicable. 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 | : 0,6 vol % 6,5 vol % |
| Particle size | : Not applicable |
| Particle size distribution | : Not applicable |
| Particle shape | : Not applicable |
| Particle aspect ratio | : Not applicable |
| Particle aggregation state | : Not applicable |
| Particle agglomeration state | : Not applicable |
| Particle specific surface area | : Not applicable |
| Particle dustiness | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour. Reference to other sections: 10.4 & 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

Avoid the build-up of electrostatic charge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. See Section 7 for information on safe handling.

10.5. Incompatible materials

Oxidising agents. Strong acids. Bases. See Section 7 for information on safe handling.


10.6. Hazardous decomposition products

Reference to other sections 5.2.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity : Harmful if inhaled.

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| Fuels, diesel (68334-30-5) | |
|----------------------------|--------------|
| LD50/oral/rat | > 5000 mg/kg |
| LD50/dermal/rabbit | > 4300 mg/kg |
| LC50/inhalation/4h/rat | 4,1 mg/l/4h |

| Fatty acids, vegetable-oil, Me esters (68990-52-3) | |
|--|--------------|
| LD50/oral/rat | > 5000 mg/kg |
| LD50/dermal/rat | > 2000 mg/kg |

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: Not applicable |
| Serious eye damage/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: Not applicable |
| 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. |
| 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. |

| Fuels, diesel (68334-30-5) | |
|-------------------------------------|-------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | 30 mg/kg bodyweight/day |

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

| Euro diesel B 7 | |
|---------------------|------------------------------------|
| Kinematic viscosity | 2 – 4,5 mm ² /s (40° C) |

| | |
|-----------------------|--|
| Other adverse effects | : May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer. |
| Other information | : Symptoms related to the physical, chemical and toxicological characteristics. For further information see section 4. |

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

| | |
|--|--|
| Adverse health effects caused by endocrine disrupting properties | : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % |
|--|--|


11.2.2 Other information

| | |
|-----------------------|---|
| Other adverse effects | : May cause damage to organs through prolonged or repeated exposure, Suspected of causing cancer. |
| Other information | : Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4 |

SECTION 12: Ecological information

12.1. Toxicity

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

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Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

| Fuels, diesel (68334-30-5) | |
|------------------------------------|--------------------|
| LC50 - Fish [1] | 21 mg/l (96 h) |
| EC50 - Crustacea [1] | 68 mg/l (48h) |
| EC50 - Other aquatic organisms [1] | > 1000 mg/l (40 h) |
| ErC50 algae | 22 mg/l (72 h) |
| NOEC chronic fish | 0,083 mg/l |
| NOEC chronic crustacea | 0,2 mg/l |

| Fatty acids, vegetable-oil, Me esters (68990-52-3) | |
|--|-------------|
| LC50 - Fish [1] | 100000 mg/l |

12.2. Persistence and degradability

| Euro diesel B 7 | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| Fuels, diesel (68334-30-5) | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

12.3. Bioaccumulative potential

| Euro diesel B 7 | |
|---------------------------------------|--------------------------------------|
| Partition coefficient n-octanol/water | 3,9 – 6 |
| Bioaccumulative potential | No additional information available. |


| Fuels, diesel (68334-30-5) | |
|---------------------------------------|----------------------------------|
| Partition coefficient n-octanol/water | study scientifically unjustified |

| Fatty acids, vegetable-oil, Me esters (68990-52-3) | |
|--|------------------------------------|
| BCF - Fish [1] | (3 dimensionless (whole body w.w.) |
| Partition coefficient n-octanol/water | > 6,2 (at 22 °C (at pH 6) |

12.4. Mobility in soil

| Euro diesel B 7 | |
|------------------|--------------------|
| Mobility in soil | No data available |
| Ecology - soil | No data available. |

| Fuels, diesel (68334-30-5) | |
|----------------------------|--------------|
| Surface tension | not relevant |

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12.5. Results of PBT and vPvB assessment

| Euro diesel B 7 | |
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| Results of PBT assessment | This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB). |

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

Other adverse effects : No data available

SECTION 13: Disposal considerations






13.1. Waste treatment methods


Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations. Packaging contaminated by the product : Do not pierce or burn, even after use. Never use pressure to empty container.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

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 | GAS OIL | Gas oil | GAS OIL | GAS OIL |
| Transport document description | | | | |
| UN 1202 GAS OIL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS | UN 1202 GAS OIL, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1202 Gas oil, 3, III, ENVIRONMENTALLY HAZARDOUS | UN 1202 GAS OIL, 3, III, ENVIRONMENTALLY HAZARDOUS | UN 1202 GAS OIL, 3, III, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| III | III | III | III | III |

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| ADR | IMDG | IATA | ADN | RID |
|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes | Dangerous for the environment : Yes |
| ADN :N2 | | | | |

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Classification code (ADR) : F1
 Special provisions : 640K, 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 : FL
 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 :


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

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- Air transport

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|--|--------|
| 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) | : 640K |
| 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) | : 640K |
| 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. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available.


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(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 | Euro diesel B 7 ; Fuels, diesel |
|---|---------------------------------|

| | | |
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| | |
|--|---------------------------------|
| 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 | Euro diesel B 7 ; Fuels, diesel |
| 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 | Euro diesel B 7 ; Fuels, diesel |
| 40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. | Fuels, diesel |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France

| No ICPE | Installations classées Désignation de la rubrique | Code Régime | Rayon |
|-----------|---|-------------|-------|
| 4331.text | Liquides inflammables de catégorie 2 ou catégorie 3 à l'exclusion de la rubrique 4330. La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : | | |
| 4331.1 | 1. Supérieure ou égale à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t. | A | 2 |
| 4331.2 | 2. Supérieure ou égale à 100 t mais inférieure à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t. | E | |
| 4331.3 | 3. Supérieure ou égale à 50 t mais inférieure à 100 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t. | DC | |
| 4511.text | Dangereux pour l'environnement aquatique de catégorie chronique 2. | | |
| 4511.1 | La quantité totale susceptible d'être présente dans l'installation étant : 1. Supérieure ou égale à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t. | A | 1 |
| 4511.2 | La quantité totale susceptible d'être présente dans l'installation étant : 2. Supérieure ou égale à 100 t mais inférieure à 200 t Quantité seuil bas au sens de l'article R. 511-10 : 200 t. Quantité seuil haut au sens de l'article R. 511-10 : 500 t. | DC | |

Germany

Regulatory reference : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)


German storage class (LGK) : LGK 3 - Flammable liquids

Hazardous Incident Ordinance (12. BImSchV) : Listed in the 12. BImSchV (Annex I) under: 2.3.1

Quantity threshold for operational area under § 1 para. 1

- Sentence 1: 2500000 kg
- Sentence 2: 25000000 kg

Netherlands

| | | |
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Waterbezwaarlijkheid : categorie Z(1) - niet-afbreekbare stoffen met gevaarlijke eigenschappen voor mens en milieu (carcinogeniteit/ mutageniteit/ reprotoxiciteit/ bioaccumulerend vermogen/ toxiciteit of persistentie)

SZW-lijst van kankerverwekkende stoffen : Fuels, diesel is listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment


Not applicable

| |
|---|
| For the following substances of this mixture a chemical safety assessment has been carried out |
| Fuels, diesel |
| Fatty acids, vegetable-oil, Me esters |

SECTION 16: Other information

Indication of changes:

| | | | |
|------|--|----------|--|
| 2.2 | Contains | Added | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 2.3 | ED text | Added | |
| 4.3 | Indication of any immediate medical attention and special treatment needed | Added | |
| 5.3 | Protection during firefighting | Added | |
| 5.3 | Other information | Added | |
| 6.1 | For non-emergency personnel | Modified | |
| 7.1 | Precautions for safe handling | Modified | |
| 7.2 | Heat and ignition sources | Added | |
| 7.2 | Special rules on packaging | Added | |
| 9.2 | Information with regard to physical hazard classes | Added | |
| 9.2 | Other safety characteristics | Added | |
| 11.2 | Adverse health effects caused by endocrine disrupting properties | Added | |
| 12.6 | Adverse effects on the environment caused by | Added | |

| | | |
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| | | | |
|------|---|-------|--|
| | endocrine disrupting properties | | |
| 14.7 | Maritime transport in bulk according to IMO instruments | Added | |
| 15.1 | Installations classées | Added | |

Abbreviations and acronyms:

| | |
|--|--|
| | DNEL = Derived No Effect Level |
| | DMEL = Derived Minimal Effect level |
| | PNEC = Predicted No Effect Concentration |
| | OEL-STEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs) |
| | TWA = time weighted average |
| | LC50 = Median lethal concentration |
| | LD50 = Median lethal dose |
| | LL50 = Median lethal level |
| | EC50 = Median Effective Concentration |
| | EL50 = Median effective level |
| | ErC50 = EC50 in terms of reduction of growth rate |
| | Erl50 = EL50 in terms of reduction of growth rate |
| | NOEL = no-observed-effect level |
| | NOEC = No observed effect concentration |
| | NOELR = No observed effect loading rate |
| | NOAEC = No observed adverse effect concentration |
| | NOAEL = No observed adverse effect level |
| | EWC = European waste catalogue |
| | NA = Not applicable |
| | N.O.S. = Not Otherwise Specified |
| | VOC = Volatile organic compounds |
| | mg/kg BW = mg/kg bodyweight |
| | QSAR = Quantitative structure-activity relationship (QSAR) |
| | 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 Explosive Limit/Upper Explosion Limit |
| | REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals |
| | WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) |
| | ABM = Algemene beoordelingsmethodiek |
| | BTT = Breakthrough time (maximum wearing time) |
| | NOEL: no-observed-effect level |
| | STOT = Specific Target Organ Toxicity |


Sources of key data used to compile the datasheet : European Chemicals Bureau Supplier sds.

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

Other information : Assessment/classification CLP. Article 9. Calculation method.

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 |

| | | |
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| | |
|---------------|--|
| Carc. 2 | Carcinogenicity, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| 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. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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