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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 : UNLEADED GASOLINE
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 : Professional use, Industrial 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. 1 H224
Skin Irrit. 2 H315
Muta. 1B H340
Carc. 1B H350
Repr. 2 H361
STOT SE 3 H336
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 :

Contains :

Hazard statements (CLP) :

Precautionary statements (CLP) :

Extra phrases :

- : Danger
- : Gasoline
- : H224 - Extremely flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H336 - May cause drowsiness or dizziness.
H340 - May cause genetic defects.
H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H411 - Toxic to aquatic life with long lasting effects.
- : P201 - Obtain special instructions before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P310+P331 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do NOT induce vomiting.
P391 - Collect spillage.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P501 - Dispose of contents and container to an approved waste disposal plant.
- : Restricted to professional users.
except for fuel uses.

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] |
|----------------|---|------|---|
| Gasoline | (CAS-No.) 86290-81-5 (EC-No.) 289-220-8 (EC Index) 649-378-00-4 | ≥ 99 | Flam. Liq. 1, H224 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H336 Aquatic Chronic 2, H411 Repr. 2, H361fd |

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. Never give anything by mouth to an unconscious person. 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. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get immediate medical advice/attention. |

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

| | |
|------------------|--|
| Inhalation | : May cause drowsiness or dizziness. Inhalation may cause central nervous system effects. The following symptoms may occur: Mental confusion. Cough. Headache. Nausea. |
| Skin contact | : Causes skin irritation. The following symptoms may occur: Redness, pain. Repeated exposure may cause skin dryness or cracking. |
| Eyes contact | : Contact with eyes may cause irritation. The following symptoms may occur: Redness, pain. |
| Ingestion | : May be fatal if swallowed and enters airways. |
| Chronic symptoms | : Suspected of damaging fertility or the unborn child. May cause cancer. May cause genetic defects. |


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. |

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5.2. Special hazards arising from the substance or mixture

Specific hazards : Extremely flammable liquid and vapour. Vapours are heavier than air and may spread along floors. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Vapours may form explosive mixture with air. Heating will cause a rise in pressure with a risk of bursting.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Hydrogen sulfide. Sulphur oxides. Sulfuric acid.

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.

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.

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. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Do not breathe vapours. Avoid contact with skin, eyes and clothing. 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. Keep container tight closed. Keep in properly labelled containers.

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


7.3. Specific end use(s)

Fuel.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Gasoline (86290-81-5) | | |
|-----------------------|-----------------------|---|
| Belgium | OEL TWA | 903 mg/m ³ |
| Belgium | OEL TWA [ppm] | 300 ppm |
| Belgium | OEL STEL | 1501 mg/m ³ |
| Belgium | OEL STEL [ppm] | 500 ppm |
| Croatia | GVI (OEL TWA) [2] | 300 ppm (low-boiling, unspecified) |
| Croatia | KGVI (OEL STEL) [ppm] | 500 ppm |
| Czech Republic | PEL (OEL TWA) | 400 mg/m ³ (Gasoline, technical mixture) |
| Estonia | OEL TWA | 200 mg/m ³ (aromatic compounds calculated as Trimethylbenzene 50% (Petroleum)) |

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| Gasoline (86290-81-5) | | |
|-----------------------|----------------------|---|
| Estonia | OEL STEL | 300 mg/m ³ |
| Ireland | OEL TWA [2] | 300 ppm |
| Ireland | OEL STEL [ppm] | 500 ppm |
| Lithuania | IPRV (OEL TWA) | 200 mg/m ³ (table 2, limit values for hydrocarbons) |
| Lithuania | TPRV (OEL STEL) | 300 mg/m ³ (table 2, limit values for hydrocarbons) |
| Netherlands | TGG-8u (OEL TWA) | 240 mg/m ³ |
| Netherlands | TGG-15min (OEL STEL) | 480 mg/m ³ |
| Portugal | OEL TWA [ppm] | 300 ppm |
| Portugal | OEL STEL [ppm] | 500 ppm |
| Spain | VLA-ED (OEL TWA) [2] | 300 ppm (manufacturing, commercialization and use restrictions according to REACH) |
| Sweden | NGV (OEL TWA) | 250 mg/m ³ (approximate value that can be used in preventive protection (Petroleum fuels)) |
| Switzerland | MAK (OEL TWA) [1] | 1100 mg/m ³ |
| Switzerland | MAK (OEL TWA) [2] | 300 ppm |
| Australia | OES TWA [1] | 900 mg/m ³ |
| USA - ACGIH | ACGIH OEL TWA [ppm] | 300 ppm |
| USA - ACGIH | ACGIH OEL STEL [ppm] | 500 ppm |

| UNLEADED GASOLINE | |
|---------------------------------------|---|
| DNEL/DMEL (workers) | |
| Acute - systemic effects, inhalation | (15min) 1300 mg/m ³ |
| Acute - local effects, inhalation | (15min) 1100 mg/m ³ |
| Long-term - local effects, inhalation | (8h) 840 mg/m ³ |
| DNEL/DMEL (general population) | |
| Acute - systemic effects, inhalation | (15min) 1200 mg/m ³ |
| Acute - local effects, inhalation | (15min) 640 mg/m ³ |
| Long-term - local effects, inhalation | (24h) 180 mg/m ³ |
| PNEC (additional information) | |
| Additional information | Substance of unknown or variable composition, complex reaction products or biological material (UVCB) |

Additional information : Recommended monitoring procedures :. 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. Use only outdoors or in a well-ventilated area. Handle substance within a closed system. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Take precautionary measures against static discharges. Ensure equipment is adequately earthed. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.


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| | |
|---------------------------------|--|
| 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: rubber gloves. NBR (Nitrile rubber). Breakthrough time : >360min. 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): goggles |
| Body protection | : Wear suitable coveralls to prevent exposure to the skin |
| Respiratory protection | : In case of insufficient ventilation, wear suitable respiratory equipment. Filter type: A (EN 14387). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Self-contained open-circuit compressed air breathing apparatus (EN 137). 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. |
| 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 | : Colourless. |
| Odour | : petroleum hydrocarbon odour. |
| Odour threshold | : No data available |
| pH | : Not applicable |
| Relative evaporation rate (butylacetate=1) | : < 1 |
| Melting / freezing point | : No data available |
| Freezing point | : No data available |
| Initial boiling point and boiling range | : 30 – 210 °C |
| Flash point | : < -40 °C |
| Auto-ignition temperature | : ca. 380 °C |
| Decomposition temperature | : No data available |
| Flammability | : Not applicable,liquid |
| Vapour pressure | : 45 – 80 kPa |
| Vapour density | : 3 – 5 (Air=1) |
| Relative density | : 0,72 – 0,78 (15°C) |
| Solubility | : Insoluble in water. |
| Partition coefficient n-octanol/water | : 2 – 7 |
| Kinematic viscosity | : 0,5 – 0,75 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. |

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| | |
|--------------------------------|---|
| 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 | : 1 – 7,6 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

| | |
|--|----------------------|
| Relative evaporation rate (butylacetate=1) | : < 1 |
| Additional information | : Literary reference |

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely 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. Stable under normal conditions.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air. Vapours may form explosive mixture with air. See also section 7. Handling and storage. No dangerous reactions known under normal conditions of use.

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 substances. 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 : Not classified (Based on available data, the classification criteria are not met)

| Gasoline (86290-81-5) | |
|------------------------------|--------------|
| LD50/oral/rat | 14000 mg/kg |
| LD50/dermal/rat | > 2000 mg/kg |

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| Gasoline (86290-81-5) | |
|------------------------|---------------------------------|
| LD50/dermal/rabbit | > 2000 mg/kg |
| LC50/inhalation/4h/rat | > 5,2 mg/l (Exposure time: 4 h) |

| | |
|-----------------------------------|---|
| 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 | : May cause genetic defects. |
| Carcinogenicity | : May cause cancer. |
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| STOT-single exposure | : May cause drowsiness or dizziness. |

| Gasoline (86290-81-5) | |
|----------------------------------|---|
| LOAEL, Inhalation, Rat, systemic | 4320 mg/m ³ (1 hours) STOT (single exposure) |

| | |
|------------------------|---|
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |

| UNLEADED GASOLINE | |
|---------------------|---------------------------------------|
| Kinematic viscosity | 0,5 – 0,75 mm ² /s (40 °C) |

| | |
|-----------------------|--|
| Other adverse effects | : Suspected of damaging fertility or the unborn child. May cause cancer. May cause genetic defects. |
| 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 | : Suspected of damaging fertility or the unborn child, May cause cancer, May cause genetic defects. |
| 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. |
| 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. |

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| Gasoline (86290-81-5) | |
|------------------------------------|--|
| LC50 - Fish [1] | 119 mg/l (Exposure time: 96 h - Species: Alburnus alburnus [static]) |
| LC50 - Fish [2] | 82 mg/l (Exposure time: 96 h - Species: Cyprinodon variegatus [static]) |
| EC50 - Crustacea [1] | 170 mg/l (Exposure time: 24 h - Species: Daphnia magna) |
| EC50 - Other aquatic organisms [1] | 56 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata) |
| EC50 72h - Algae [1] | 56 mg/l (Species: Pseudokirchneriella subcapitata) |

12.2. Persistence and degradability

| UNLEADED GASOLINE | |
|-------------------------------|---------------------------|
| Persistence and degradability | Inherently biodegradable. |

| Gasoline (86290-81-5) | |
|-------------------------------|----------------------------|
| Persistence and degradability | Substance is complex UVCB. |

12.3. Bioaccumulative potential

| UNLEADED GASOLINE | |
|---------------------------------------|--------------------------------------|
| Partition coefficient n-octanol/water | 2 – 7 |
| Bioaccumulative potential | No additional information available. |

| Gasoline (86290-81-5) | |
|---------------------------|----------------------------|
| Bioaccumulative potential | Substance is complex UVCB. |

12.4. Mobility in soil

| UNLEADED GASOLINE | |
|-------------------|--------------------|
| Mobility in soil | No data available |
| Ecology - soil | No data available. |

12.5. Results of PBT and vPvB assessment


| UNLEADED GASOLINE | |
|---------------------------|----------------|
| Results of PBT assessment | Not applicable |

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not applicable

12.7. Other adverse effects

Other adverse effects : No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations


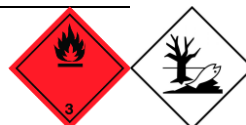
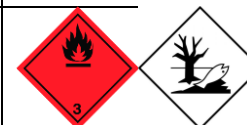

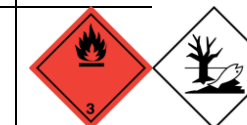
: Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance 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
The following Waste Codes are only suggestions:
130702 - petrol
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 | | | | |
| 1203 | 1203 | 1203 | 1203 | 1203 |
| 14.2. UN proper shipping name | | | | |
| GASOLINE | GASOLINE | Gasoline | GASOLINE | GASOLINE |
| Transport document description | | | | |
| UN 1203 GASOLINE, 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS | UN 1203 GASOLINE, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1203 Gasoline, 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1203 GASOLINE, 3, II, ENVIRONMENTALLY HAZARDOUS | UN 1203 GASOLINE, 3, II, ENVIRONMENTALLY HAZARDOUS |
| 14.3. Transport hazard class(es) | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| II | II | II | II | II |
| 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 |
| No supplementary information available | | | | |

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Classification code (ADR) : F1

| | | |
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Special provisions : 243, 534, 664
 Limited quantities (ADR) : 1I
 Excepted quantities (ADR) : E2
 Packing instructions (ADR) : P001, IBC02, R001
 Special packing provisions (ADR) : BB2
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T4
 Portable tank and bulk container special provisions (ADR) : TP1
 Tank code (ADR) : LGBF
 Tank special provisions (ADR) : TU9
 Vehicle for tank carriage : FL
 Transport category (ADR) : 2
 Special provisions for carriage - Operation (ADR) : S2, S20
 Hazard identification number (Kemler No.) : 33
 Orange plates :

| |
|------|
| 33 |
| 1203 |


 Tunnel restriction code : D/E
 EAC code : 3YE

- Transport by sea

Special provisions (IMDG) : 243
 Limited quantities (IMDG) : 1 L
 Excepted quantities (IMDG) : E2
 Packing instructions (IMDG) : P001
 IBC packing instructions (IMDG) : IBC02
 Tank instructions (IMDG) : T4
 Tank special provisions (IMDG) : TP1
 EmS-No. (Fire) : F-E
 EmS-No. (Spillage) : S-E
 Stowage category (IMDG) : E
 Properties and observations (IMDG) : Immiscible with water.

- Air transport

PCA Excepted quantities (IATA) : E2
 PCA Limited quantities (IATA) : Y341
 PCA limited quantity max net quantity (IATA) : 1L
 PCA packing instructions (IATA) : 353
 PCA max net quantity (IATA) : 5L
 CAO packing instructions (IATA) : 364
 CAO max net quantity (IATA) : 60L
 Special provisions (IATA) : A100

| | | |
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ERG code (IATA) : 3H

- Inland waterway transport

Classification code (ADN) : F1
 Special provisions (ADN) : 243, 534
 Limited quantities (ADN) : 1 L
 Excepted quantities (ADN) : E2
 Carriage permitted (ADN) : T
 Equipment required (ADN) : PP, EX, A
 Ventilation (ADN) : VE01
 Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : F1
 Special provisions (RID) : 243, 534
 Limited quantities (RID) : 1L
 Excepted quantities (RID) : E2
 Packing instructions (RID) : P001, IBC02, R001
 Special packing provisions (RID) : BB2
 Mixed packing provisions (RID) : MP19
 Portable tank and bulk container instructions (RID) : T4
 Portable tank and bulk container special provisions (RID) : TP1
 Tank codes for RID tanks (RID) : LGBF
 Special provisions for RID tanks (RID) : TU9
 Transport category (RID) : 2
 Colis express (express parcels) (RID) : CE7
 Hazard identification number (RID) : 33

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:

| | |
|---|------------------------------|
| 28. Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively. | Gasoline |
| 29. Substances which are classified as germ cell mutagen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or Appendix 4, respectively. | Gasoline |
| 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 | UNLEADED GASOLINE ; Gasoline |

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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 | UNLEADED GASOLINE ; Gasoline |
| 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 | UNLEADED GASOLINE ; Gasoline |
| 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. | Gasoline |


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 |
|-----------|--|-------------|-------|
| 4330.text | Liquides inflammables de catégorie 1, liquides inflammables maintenus à une température supérieure à leur point d'ébullition, autres liquides de point éclair inférieur ou égal à 60° C maintenus à une température supérieure à leur température d'ébullition ou dans des conditions particulières de traitement, telles qu'une pression ou une température élevée (1). | | |
| 4330.1 | La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 1. Supérieure ou égale à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t. | A | 2 |
| 4330.2 | La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 2. Supérieure ou égale à 1 t mais inférieure à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t. | DC | |
| 4511.text | Dangereux pour l'environnement aquatique de catégorie chronique 2. | | |

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| | | | |
|--------|---|----|---|
| 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 3, Highly 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: 2.3.3 Gasöle Quantity threshold for operational area under § 1 para. 1 - Sentence 1: 2500000 kg - Sentence 2: 25000000 kg |

Netherlands

| | |
|--|--|
| 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 | : Gasoline is listed |
| SZW-lijst van mutagene stoffen | : Gasoline is 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


For this substance a chemical safety assessment has been carried out

| |
|---|
| For the following substances of this mixture a chemical safety assessment has been carried out |
| Gasoline |

SECTION 16: Other information

Indication of changes:


| | | | |
|-----|--------------------------------|----------|--|
| 1.2 | Main use category | Added | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 2.2 | Extra phrases | Added | |
| 2.3 | ED text | Added | |

| | | |
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| | | | |
|------|--|----------|--|
| 4.2 | Inhalation | Modified | |
| 4.2 | Chronic symptoms | Added | |
| 5.2 | Hazardous decomposition products in case of fire | 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 | Packaging materials | Added | |
| 7.2 | Heat and ignition sources | Added | |
| 7.3 | Specific end use(s) | 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 endocrine disrupting properties | Added | |
| 14.7 | Maritime transport in bulk according to IMO instruments | Added | |
| 15.1 | Installations classées | Added | |
| 15.1 | Waterbezwaarlijkheid | 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 |
| N = Dangerous for the environment |
| TWA = time weighted average |
| vPvB = very persistent and very bioaccumulating |
| WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act) |
| T = Toxic |
| TLV = Threshold limits |
| STEL = Short term exposure limit |
| DNEL = Derived No Effect Level |
| CSR = Chemical Safety Report |
| EC50 = Median Effective Concentration |
| ABM = Algemene beoordelingsmethodiek |
| BTT = Breakthrough time (maximum wearing time) |
| DMEL = Derived Minimal Effect level |
| EL50 = Median effective level |

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| | |
|--|---|
| | ErC50 = EC50 in terms of reduction of growth rate |
| | ErL50 = EL50 in terms of reduction of growth rate |
| | EWC = European waste catalogue |
| | LC50 = Median lethal concentration |
| | LD50 = Median lethal dose |
| | LL50 = Median lethal level |
| | NA = Not applicable |
| | NOEC = No observed effect concentration |
| | NOEL: no-observed-effect level |
| | NOELR = No observed effect loading rate |
| | NOAEC = No observed adverse effect concentration |
| | NOAEL = No observed adverse effect level |
| | N.O.S. = Not Otherwise Specified |
| | OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs) |
| | PNEC = Predicted No Effect Concentration |
| | Quantitative structure-activity relationship (QSAR) |
| | STOT = Specific Target Organ Toxicity |
| | VOC = Volatile organic compounds |


Sources of key data used to compile the : European Chemicals Bureau CSR, ECHA Website. datasheet

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:

| | |
|-------------------|--|
| | Restricted to professional users |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Carc. 1B | Carcinogenicity, Category 1B |
| Flam. Liq. 1 | Flammable liquids, Category 1 |
| H224 | Extremely flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H340 | May cause genetic defects. |
| H350 | May cause cancer. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |
| Muta. 1B | Germ cell mutagenicity, Category 1B |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

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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