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SECTION 1. Identification of substance/mixture and company/undertaking**1.1 Product identifier:****Name: Petrol****Trade name:** Unleaded petrol:

- OPTIM brand, COR 95 type;
- ACTIS 95 and FORTIS 95+ brands, COR95 type;

CAS number: 86290-81-5**EINECS number:****NC 2710.12.45 ; 2710 12.49****Harmonized code: E 420****1.2 Relevant identified uses of the substance or mixture and uses advised against**

1.2.1. Fuel for spark-ignition engines, including those fitted with pollutant-reducing systems

1.2.2. Uses advised against: None identified.

Details of the supplier of the safety data sheet:**Importer/Processor/Distributor:** S.C. OSCAR DOWNSTREAM S.R.L.**Address:** No. 14 Atomistilor Str., PC 077125, City: Magurele, Ilfov County, Romania**Telephone number:** +40 21 318 26 22; Fax. +40 21 318 26 23;**Person responsible for drawing up the SDS: e-mail:** office@oscars.ro**1.4 Emergency telephone number: +40 21 318 26 22**

National phone number: tel. +40 21 318 36 06 (available Monday to Friday from 8-3; Bureau for International Health Regulations and Toxicological Information)

SECTION 2. Hazards Identification**2.1. Classification****2.1.1. Classification according to Regulation (EC) 1272/2008 (CLP/GHS)**

Hazard category	Hazard statements
Flam. Liq. 1	H224: Highly flammable liquid and vapor
Asp. Tox. 1	H304: May be fatal if swallowed and enters airways
Skin Irrit. 2	H315: Causes skin irritation
STOT SE 3	H336: May cause drowsiness or dizziness.
Muta. 1B	H340: May cause genetic defects
Carc. 1B	H350: May cause cancer
Repr. 2	H361f: May damage fertility or the unborn child
Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.

2.2. Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)**

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Icons:

Hazardous for health and the environment



GHS07



GHS08



GHS09

Physical hazard



GHS02

Warning word: HAZARD

Hazard statements

H224: Highly flammable liquid and vapor

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

H361f: May damage fertility or the unborn child

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention:

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 – Take precautionary measures against static discharge.

P261 - Avoid inhaling gas/vapors

P273 – Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection equipment

Precautionary statements - Response:

P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

P302+P352 – IF ON SKIN: Wash with plenty of water and soap.

P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P331 – Do NOT induce vomiting.

P370+P378 – In case of fire: Use extinguishing products.

P371 + P380 + P375 – In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.

P391 – Collect product spillage.

Precautionary statements - Storage:

P403 + P233 - Store in a properly ventilated area. Keep container tightly closed

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Precautionary statements - Disposal:

P501 - Dispose of contents/containers according to the legal provisions in force (Law 211/2011)

2.3 Other hazards, risks

High slip hazard due to accidental spillage of product.

There are no known additional hazards for humans and the environment generated by the product.

SECTION 3. Composition/information on ingredients

3.1 Substances - Not applicable


3.2 Mixtures:

Chemical nature:

A complex formulation of volatile hydrocarbons, containing paraffins, naphthenes, olefins and aromatics, having carbon (C) numbers predominantly in the range of 4 to 12.

Contains oxygenated compounds.

Contains small amounts of performance-enhancing additives (max. 0.1% m/m.).

Item No.	NAME:	Index number Item CAS Item EINECS/No. ELINCS (European List of Notified Chemical Substances) Registration number	Concentration [%]	Classification according to Regulation (EC) 1272/2008 (CLP/GHS) Hazard category, H statements
1.	Gasoline, Low boiling point naphtha - without specifications	649-378-00-4 86290-81-5 289-220-8 01-2119471335-39-0104	<= 90.00	Auto-classification  <i>Flam. Liq. 1</i> / H224 <i>Asp. Tox. 1</i> / H304 <i>Skin Irrit. 2</i> / H315 <i>STOT SE 3</i> / H336 <i>Muta. 1B</i> / H340 <i>Carc. 1B</i> / H350 <i>Repr. 2</i> / H361f <i>Aquatic Chronic 2</i> / H411
2	2-Ethoxy-2-methylpropan(ETBE)	637-92-3 211-309-7 01-2119452785-29-0015	<= 15.00	<i>Flam. Liq. 2</i> / H225 <i>STOT SE 3</i> / H336

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3	tert-butyl methyl ether (MTBE)	603-181-00-X 1634-04-4 216-653-1 01-2119452786-27	<= 5.00	<i>Flam. Liq. 2</i> /H225 <i>Skin Irrit. 2</i> /H315
4	ethanol	603-002-00-5 64-17-5 200-578-6 01-2119457610-43	<= 5.00	<i>Flam. Liq. 2</i> /H225 <i>Eye Irrit. 2</i> /H319
5	2-methoxy-2-methylbutane (TAME)	603-001-00-X 67-56-1 200-659-6 01-2119433307-44	<= 1.00	<i>Flam. Liq. 2</i> /H225 <i>Acute Tox. 3</i> - H331/ H311/ H301 <i>STOT SE 1</i> /H370
6	methanol	603-117-00-0 67-63-0 200-661-7	<= 1.00	<i>Flam. Liq. 2</i> /H225 <i>Eye Irrit. 2</i> /H319 <i>Acute Tox. 3</i> - H331/ H311/ H301 <i>STOT SE 3</i> /H336 <i>STOT SE 1</i> /H370
7	Propane-2-ol	603-117-00-0 67-63-0 200-661-7	<= 1.00	<i>Flam. Liq. 2</i> /H225 <i>Eye Irrit. 2</i> /H319 <i>STOT SE 3</i> /H336
8	n-hexane	601-037-00-0 110-54-3 203-777-6	<= 3.00	<i>Flam. Liq. 2</i> /H225 <i>Repr. 2</i> /H361f <i>Asp. Tox. 1</i> /H304 <i>Skin Irrit. 2</i> /H315 <i>STOT SE 3</i> /H336 <i>Aquatic Chronic 2</i> /H411
9	toluene	601-021-00-3 108-88-3 203-625-9	>= 3.00	<i>Flam. Liq. 2</i> /H225 <i>Skin Irrit. 2</i> /H315 <i>Asp. Tox. 1</i> /H304 <i>Repr. 2</i> /H361d <i>STOT SE 3</i> /H336
10	benzene	601-020-00-8 71-43-2 200-753-7	>= 0.10	<i>Flam. Liq. 2</i> /H225 <i>Asp. Tox. 1</i> /H304 <i>Eye Irrit. 2</i> /H319

Not a product specification / max. possible weight percentages

For the *hazard category* and the full text of the H hazard statements mentioned in this Section, see Section 16.

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SECTION 4. First aid measures

4.1 Description of first aid measures

4.1.1 First aid instructions - depending on the routes of exposure

General information:	Isolate all potential ignition sources. Provide adequate ventilation.
Inhalation:	After accidental inhalation of vapors, the affected person(s) must be transported to fresh air. In case of unconsciousness, perform artificial respiration or cardiac massage. In case of persistent symptoms, seek medical advice.
Skin contact:	Remove contaminated clothing. Wash the contaminated area with soap and water for at least 15 minutes. In case of redness, swelling etc. the exposed person(s) must be transported to the nearest medical center for further treatment. If the affected person is not breathing, perform artificial respiration or use a breathing apparatus. Seek urgent medical help. Do not leave the victim unattended.
Eye contact:	In case of eye contact, rinse for 15 minutes with water jet or solution from eyewash container while holding the eyelids open. In case of long-lasting symptoms, seek the help of an ophthalmologist.
Ingestion:	If swallowed, do not induce vomiting: take to the nearest medical center. If vomiting occurs spontaneously, hold the head to one side to prevent aspiration. Do not administer anything by mouth.
Self-protection of the person who provide first aid:	Self-protection of the persons providing first aid is necessary.

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

Symptoms:	Nausea, vomiting and diarrhea, as well as the danger of chemical pneumonitis due to aspiration during swallowing or vomiting. High concentrations of product vapor may cause irritation of the eyes and mucous membranes (nose, throat). Headaches, dizziness, euphoria, nervousness, tremor, tonic and clonic spasms, loss of consciousness, circulatory failure and central paralysis of the respiratory system may occur in case of long-term inhalation of concentrated vapors. Very high concentrations can cause unconsciousness even after very short periods of exposure.
Effects	In case of aspiration, there is a risk of developing chemical pneumonitis.

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

Treatment	After swallowing/aspiration of more than 1-2 ml/kg body weight, the person must be treated with activated charcoal (about 50 g) and hospitalized. In case of severe states agitation, the person must be sedated (at the doctor's recommendation).
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SECTION 5. Firefighting measures

5.1 Extinguishing media:

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- **Suitable extinguishing media:** Water spray and foam (used only by qualified personnel), carbon dioxide, dry chemical powder. Other inert gases (according to regulations). Sand or soil.
- **Unsuitable extinguishing media:** Do not use a direct water jet on the burning product. It could cause the fire to spill and spread. At the same time, use foam or water on the same surfaces in order to avoid the destruction of the foam with water.

5.2 Special hazards caused by the substance or mixture in question, by hazardous combustion products or by combustion-generated gases.

The evaporated product is heavier than air and accumulates at ground level. When mixed with air, the vapor can form an explosive mixture. Prevention of sewer and basement ingress. Prevention of ground and water ingress. Keep away from sources of combustion. Only explosion-proof and solvent-resistant equipment is allowed. The substance floats on water and can reignite on the surface of the water. Incomplete combustion may generate a complex mixture of solid and liquid airborne particulates and gases, including carbon monoxide and unidentified organic and inorganic mixtures.

5.3 Recommendations for firefighters

- **Special protective equipment:** In the event of a large fire or in poorly ventilated areas, firefighters must wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-mask, operating with positive pressure.

The protective equipment must comply with HG 160/2007.

Other information: Incomplete combustion of the product is likely to release complex mixtures of solid and liquid particulates, gases including carbon monoxide and unidentified organic and inorganic compounds into the air.

- **Additional information:** Cool nearby containers and packaging without delay with water spray and, if possible, remove them from the danger zone. Combustion residues and contaminated water used in firefighting must be disposed of according to local authority requirements.

5.4 Other information:

Use spark-free cleaning tools when the fire is extinguished. Combustion residues and contaminated water used in firefighting must be disposed of according to local authority requirements. Residue resulting from fire fighting must not be discharged into sewers or watercourses. Do not breathe in the smoke, vapors. Do not electrically operate the equipment and machinery. Incomplete combustion of the product is likely to release complex mixtures of solid and liquid particulates, gases including carbon monoxide and unidentified organic and inorganic compounds into the air.

SECTION 6. Measures against accidental losses

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency staff

- *No action involving personal risk must be taken without proper training. Alert the emergency personnel.*

6.1.2. For emergency response personnel

- Operate from the same direction as the wind (be careful when wind changes direction). Identify, mark and restrict access to the hazardous area. The access of unauthorized persons is prohibited. First-aid personnel must wear personal protective equipment. Proper ventilation of contaminated rooms. Avoid skin contact. Removal of all nearby fire sources. Avoid the forming of sparks. In the hazard zone, it is recommended to stop the machinery, equipment and vehicles that are not explosion-proof. Smoking is prohibited. Operating switches

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and switching on electrical equipment that may lead to the formation of sparks is prohibited. The evaporated product is heavier than air and accumulates at ground level.

Note: PVA gloves are not waterproof and are not suitable for use in emergency situations.

Use antistatic work equipment, antistatic protective shoes or boots, hard hat, protective goggles, half-mask or full-face respirator with organic vapor filter or a suitable respirator.

Proper ventilation of contaminated rooms.

6.2. Environmental precautions

Environmental precautions Sealing the spillage point. Prevent spillage into sewers, surface water and groundwater by building dykes made of sand or earth or by other measures of containment. In case of a spillage into surface water, sewage system or soil, the competent authorities must be informed. Absorb spilled product with suitable non-combustible materials. The spilled product must be collected by appropriate mechanical means (anti-sparking). Transfer the collected product and other contaminated materials to appropriate containers for safe recovery or disposal.

In case of soil contamination, remove the contaminated soil layer and treat according to regulations. Take precautions against electrostatic discharge. Make sure that electrical equipment is grounded and has ensure continuity between each piece of equipment by using equipotential bonding.

6.3. Methods and material for containment and cleaning up

Appropriate procedures for cleaning, collection or isolation: Collection / evacuation of large quantities by pumping. Collection of waste quantities with non-flammable absorbent materials, e.g. sand, earth or oil binder, and their digestion.

Large spills can be carefully covered with foam, if available, to limit the formation of vapor clouds. Do not use direct jets.

Remark: If the binder is filled with absorbed substance, the evaporation rate increases and so does the fire hazard.

In case of soil contamination, remove contaminated soil and treat according to local regulations. In the case of small spills in enclosed waters (such as harbors), isolate the product with floating barriers or other equipment. Collect spilled product with suitable/specific floating absorbent materials. Massive spills in open water should be contained with floating barriers or other mechanical means. If this is not possible, control the propagation and collect the product by skimming or by using other mechanical means. The use of dispersants must be approved by an expert and, if necessary, approved by local authorities. Collection of waste in containers appropriately labelled for hazardous waste and subsequent disposal according to the rules and laws in force.

6.4 Reference to other sections

Authorities must be notified if a potential for public or environmental exposure or the possibility of such exposure exists.

See also Section 8 (Exposure controls/Personal protection) and Section 13 (Disposal considerations).

SECTION 7. Handling and storage

General precautions

Obtain special instructions before use.

Mixtures of vapor and air present a risk of explosion. Ensure that all regulations regarding explosive atmospheres and those regarding the handling and storage of flammable products are observed. Keep away from heat/sparks/open flames/hot surfaces.

Do not eat, drink or smoke while using this product.

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Avoid contact with the product while it is hot. Avoid release to the environment. Take precautionary measures against static electricity. Tie containers, tanks and equipment used for the transfer/receipt of the product to the earthing belt. Use electrical/ventilation/anti-explosion lighting equipment. Use only non-sparking instruments. The vapors are heavier than air. Prevent accumulation in potholes and enclosed spaces. Use only tank containers for loading the product according to the European legislation. Do not use compressed air for filling, unloading or other handling operations. Avoid skin and eye contact. Do not swallow. Do not breathe in the vapors. If applicable, use appropriate personal protective equipment. For additional information on protective equipment and operating conditions, see the exposure scenarios. Make sure that workplace cleaning measures are appropriate. Keep away from food and drink. Wash your hands thoroughly after handling the product. Change contaminated clothing at the end of working hours.

7.1. Precautions for safe handling

Technical measures: Before entering the area where storage tanks are stored and before commencing any operation in an enclosed area, check the atmosphere oxygen content and flammability. Light hydrocarbon vapors can accumulate in the top clearance of the containers. They may cause flammability/an explosion hazard. Open slowly to control possible pressure build-up.

Empty containers may contain flammable product residue.

Do not weld, solder, drill, cut or incinerate empty containers unless they have been properly cleaned.

Storage conditions: Clean, check and maintain the internal structure of the containers used to store the product. These operations must only be carried out by qualified personnel, according to local, national or manufacturing company regulations.

Storage area: Use and store only outdoors or in a well-ventilated area.

The storage area, tank design, equipment and operating procedures must comply with the European, national or local legislation. Storage facilities must be equipped with adequate gutters in case of product leaks or spillages. Store separately from oxidizing agents.

Special rules on packaging: If the product is shipped in containers: store only in the original container or in another container suitable for this type of product. Keep containers tightly closed and properly labelled. Protect from sunlight.

Packaging materials: Recommended materials: use special materials approved for the storage of this type of product for containers or container liners.

Some synthetic materials may be unsuitable for containers or container liners, depending on the material specification and intended use. Check the compatibility with the manufacturer.

7.2 Conditions for safe storage, including any incompatibilities

Mobile containers must be kept tightly closed and in a well-ventilated place.

Only authorized stationary containers are permitted.

All tanks and equipment must be connected to the earthing belt.

Store in an appropriate space.

As a general rule of thumb, a sealed and resistant storage space is required.

The cleaning, inspection and maintenance of the internal structure of the storage tanks must only be carried out by properly qualified and equipped personnel, as provided by the national, local or company regulations. Before entering the storage tanks or commencing work in enclosed spaces, a gas test (presence of hydrocarbons, oxygen content) or an explosive atmosphere test must be carried out.

Recommended materials: Use low carbon (mild) steel or stainless steel for containers or container liners

Unsuitable materials: Certain synthetic materials may be unsuitable for containers or container liners, depending on the material specifications and intended use. Compatibility should be checked with the manufacturer.

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If the product is shipped in containers:

Keep only in the original packaging (container).

Label containers appropriately.

Protect from sunlight.

Light hydrocarbon vapors can accumulate in container clearances.

They can cause flammability/explosion hazards.

Empty containers may contain flammable product residue.

Additional information regarding storage conditions: Avoiding the thermal effect. Keep away from sources of combustion.

Protective measures in case of joint storage: Do not store with:

hazardous explosive substances, gases,

other hazardous explosive substances,

flammable solid hazardous substances,

hazardous pyrophoric or self-heating substances,

hazardous substances which release flammable gases when coming into contact with water,

dangerous highly oxidizing substances,

ammonium nitrate and products containing ammonium nitrate,

organic peroxides and self-reactive hazardous substances,

non-combustible hazardous substances classified as acute toxicity categories 1 and 2 / very toxic,

infectious substances,

radioactive material

Restrictions on storage with:

hazardous oxidizing substances,

non-combustible hazardous substances with acute toxicity cat. 3 / toxic or with chronic effects,

combustible solids,

other combustible and non-combustible substances,

As a result of specific storage rules and because of the special characteristics of a warehouse, other limitations (restrictions) may result from the risk assessment.

7.3 Specific end use

For detailed information, see section 1.

SECTION 8. Exposure controls/Personal protection

8.1 Control parameters

National occupational exposure limit values for the product

Type	mg/m ³	ppm	Coefficient of	mg/m ³
Maximum limit value at work (8 h)	300	-	-	Government Decision 1218/2006

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Maximum limit value at work (15 h)	500	-	-	Government Decision 1218/2006
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DNEL/DMEL for the product

Not applicable to mixtures.

DNEL/DMEL for the components

DNEL- Derived no-effect level

<p>Gasoline; Low boiling point naphtha - no specifications</p>	<p>Exposure routes: Worker, acute exposure, systemic, inhalation Exposure duration: 15 min Value: 1300 mg/m3 DNEL</p> <p>Exposure routes: Worker, acute exposure, local, inhalation Exposure duration: 15 min Value: 1100 mg/m3 DNEL</p> <p>Exposure routes: Worker, long-term exposure, local, inhalation Exposure duration: 8 h Value: 840 mg/m3 DNEL</p> <p>Exposure routes: General population, acute exposure, systemic, inhalation Exposure duration: 15 min Value: 1200 mg/m3 DNEL</p> <p>Exposure routes: General population, acute exposure, local, inhalation Exposure duration: 15 min Value: 640 mg/m3 DNEL</p> <p>Exposure routes: General population, long-term exposure, local, inhalation Exposure duration: 24 h Value: 180 mg/m3 DNEL</p> <p>Exposure routes: Worker, acute and long-term exposure, systemic effects, skin Value: 23.4 mg/kg/day DMEL, (reference value for benzene)</p> <p>Exposure routes: General population, acute and long-term inhalation exposure, systemic effects Value: 1 ppb DMEL, (reference value for benzene)</p> <p>Exposure routes: General population, acute and long-term skin exposure, systemic effects</p>
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	Value: 0.0234 mg/kg/day DMEL, (reference value for benzene)
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PNEC values: N/A**PNEC for the product**

The main component substance of the product is a complex of hydrocarbons of variable or unknown structure. The methods used for determining the PNEC are not applicable, therefore it is not possible to determine a single representative PNEC value for the respective substances.

8.2 Exposure controls**8.2.1 Technical controls****appropriate:**

Ensure adequate local ventilation and minimize the risk of inhalation of vapors or oil mist. Use anti-ex equipment. Provide easy access to eyewash and water supply facilities.

8.2.2 Personal protective measures such as personal protective equipment**General information:**

If applicable, use personal protective equipment.
Keep your work clothes in a separate place. Personal protective equipment must be chosen according to CEN standards and following discussions with the protective equipment manufacturer.

Eye protection:

If there is a spraying risk, use full-face goggles or a protective mask. In all other cases, use safety glasses with side protection

Skin protection**Hand protection:**

In practice, the recommended use duration of gloves for protection against chemicals may be shorter than the penetration time determined according to EN 374 due to the large number of influencing factors (e.g. temperature, mechanical load). In case of possible hand contact, wear liquid-resistant protective gloves.

Material: Nitrile;

Penetration time 10 min
Material thickness 0.40 mm
Verification method: EN 374

Material: Viton;

Penetration time 480 min
Material thickness 0.70 mm
Verification method: EN 374

Material: Butyl;

Penetration time 10 min
Material thickness 0.70 mm
Verification method: EN 374

Material: Polychloroprene;
Penetration time 10 min

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Material thickness 0.60 mm

Verification method: EN 374

Other: Wear protective clothing to prevent skin exposure.
Anti-static and flame-retardant protective clothing is recommended.

Respiratory protection: If vapors occur: use respiratory protection with an A-class gas filter, characteristic color brown (A1 up to 0.1 vol%, A2 up to 0.5 vol%, A3 up to 1 vol%). In case of high concentrations and in case of insufficient information, use only self-contained breathing apparatus (isolator).

Thermal protection
Wear protective equipment with permanent flame retardant and antistatic properties, that is solvent resistant and waterproof.

Hygiene measures: Do not eat, drink or smoke while using this product. Wash your hands thoroughly after handling the product. Wash contaminated clothing before re-use.
Street clothes and work clothes should be kept in separate places.
Handle according to proper industrial hygiene and safety practices.
If applicable, comply with any medical supervision requirements.

8.2.3 Environment exposure controls

: Stop spillages and prevent any release into the environment.
Comply with the national emission regulations.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: liquid
Aggregation status: liquid
Color: colorless to yellowish
Smell: specific of petroleum product
Odor acceptance threshold: clearly perceptible odor
Characteristic /Values/ Method /Note
pH not applicable
Melting point/freezing point: Not determined
Initial distillation point < 35 °C // EN ISO 3405
Final distillation point < 210 °C // EN ISO 3405
Flash point < 0 °C /EN 57
Evaporation rate Not determined
Solid/gas phase transition ---
Lower explosion limit approx. 0.6%(V) / Literature information

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Upper explosion limit	approx. 8%(V) / Literature information
Vapor pressure	450 - 900 hPa at 37.8°C / EN 13016-1
Vapor density	no data available
Density	720 - 775 kg/m ³ at 15°C / EN ISO 12185
Relative density	not relevant
Solubility	practically insoluble in water
Solubility (solubilities)	Solubility in fat: Not determined

9.2 Other information

No other information is available.

SECTION 10. Stability and reactivity

10.1 Reactivity:	Chemically stable
10.2 Chemical stability:	Chemically stable
10.3 Possibility of hazardous reactions:	Potentially hazardous reactions: The formation of vapor/air mixtures with explosion hazard is possible
10.4 Conditions to avoid:	Heat, sparks, open flame or high temperatures. Contact with incompatible materials.
10.5 Incompatible materials:	Strong acids and oxidizing agents
10.6 Hazardous decomposition products:	None if properly stored/handled

SECTION 11. Toxicological information**11.1 Information on toxicological effects****Acute toxicity:** *Not classified*

Gasoline for an E5 engine

LD50 Oral, rat > 5000 mg/kg

LD50 Dermal, rabbit > 2000 mg/kg

LC50 Inhalation, rat (ppm) > 5 ppm/4h

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Not classified
Sensitization of the respiratory tract or skin:	Non-sensitizing.
Germ cell mutagenicity:	May cause genetic defects.
Carcinogenicity:	May cause cancer.
Reproductive toxicity:	May damage fertility or the unborn child
STOT (specific target organ toxicity) - single exposure:	May cause drowsiness or dizziness.
STOT (specific target organ toxicity) - repeated exposure:	Not classified.
Aspiration hazard:	May be fatal if swallowed and enters airways.

SECTION 12. Ecological information

Registered office: 14, Atomistilor Street, Ilfov County, TIN 13991630, J23/492/2001

Correspondence address: Eminescu Office - 6th Floor, 108-112 Mihai Eminescu Street, 2nd District, Postal Code 020082, BucharestTel.: +40 21 318 26 22 - Fax: +40 21 318 26 23 - www.oscars.ro

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12.1 Toxicity:

Ecology - general: Hazardous for the environment.

Ecology - air: Non-hazardous to the ozone layer (Regulation (EC) No 2037/2000).

Gasoline for an E5 engine

LC50 Other aquatic organisms: 1 - 100 mg/l

12.2 Persistence and degradability:

Chemical oxygen demand (COD) 3500 g O²/g substance

BOD (% ThOD) 2240 % ThOD

Bioaccumulation potential:

Log Kow 5.5 - 6

Mobility in soil: N/A

PBT and vPvB assessment results: No data available.

Other adverse effects: N/A

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Waste treatment methods:

Collect and dispose of waste according to local regulations.

Recovery and recycling of waste must be done in accordance with the local regulations in force.

External treatment and disposal of waste must comply with the local and national regulations.

Do not dispose of waste in the sewer.

Residues must be incinerated, isolated or reused.

European product code:

13 07 02* Gasoline

13 07 03* other fuels (including mixtures)

Legislation on waste disposal:

GD 128/2002 on waste incineration, amended and **supplemented** by **GD 268/2005** and **GD 427/2010**;

GD 856/ 2002 on waste management records and for the approval of the list of waste, including hazardous waste;

OMAPM no.756/2004 for the approval of the technical Norm on waste incineration;

GD 349/2005 on waste storage;

GD 1061/2008 on the transport of hazardous and non-hazardous waste in Romania;

Law 211/2011 on waste management;

Packaging disposal:

Empty product containers contain product residues, and must be properly labelled and marked for disposal, pursuant to the national legislation.

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Empty packaging must be reused or, if this is not possible, must be transported to a recovery/final disposal point.

European packaging code:**15 01 10*** packaging containing residues or contaminated with hazardous substances**Product packaging removal legislation:****Order 794/2012** on the procedure for reporting data on packaging and packaging waste.**Law 249/2015** on the management of packaging and packaging waste;**SECTION 14. Transport information****Road transport (ADR):**14.1 UN number: **1203**

14.2 UN proper shipping name: Gasoline

14.3 Transport hazard class(es): 3 - Flammable liquid

Hazard identification number 33

Classification code (ADR): F1

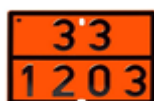
14.4 Packing group: II

Hazard Labels (ADR): 3- Flammable liquid, N- Hazardous for the environment



14.5 Environmental hazards: hazardous for the environment

Tunnel restriction code (ADR): D/E



Orange identification plate:

14.6 Special precautions for users: See section 7

14.7 Transport in bulk according to

Annex II of the MARPOL Convention and the IBC Code: N/A

Road transport (RID):14.1 UN number: **1203**

14.2 UN proper shipping name: Gasoline

14.3 Transport hazard class(es): 3

Hazard identification number 33

14.4 Packing group: II

Hazard Labels (RID): 3

14.5 Environmental hazards: YES

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14.6 Special precautions for users: See section 7
14.7 Transport in bulk according to
Annex II of the MARPOL Convention and the IBC Code: N/A

Inland waterways transport ADN:

14.1 UN number: **1203**
14.2 UN proper shipping name: Gasoline
14.3 Transport hazard class(es): 3
Hazard identification number 33
14.4 Packing group: II
Hazard labels (ADN): 3
14.5 Environmental hazards: YES
14.6 Special precautions for users: See section 7
14.7 Transport in bulk according to
Annex II of the MARPOL Convention and the IBC Code: N/A

IMDG maritime shipping:

14.1 UN number: **1203**
14.2 UN proper shipping name: Gasoline
14.3 Transport hazard class(es): 3
Hazard identification number 33
14.4 Packing group: II
14.5 Environmental hazards: Yes, Marine pollutant
EmS Code: F-E, S-E
14.6 Special precautions for users: See section 7
14.7 Transport in bulk according to
Annex II of the MARPOL Convention and the IBC Code: Not applicable. However, this product is a liquid and
in case of bulk transport, it is regulated by MARPOL,
Annex I.

Air transport (IATA):

14.1 UN number: **1203**
14.2 UN proper shipping name: Gasoline
14.3 Transport hazard class(es): 3
Hazard identification number 33
14.4 Packing group: II
14.5 Environmental hazards: YES
14.6 Special precautions for users: See section 7
14.7 Transport in bulk according to
Annex II of the MARPOL Convention and the IBC Code: N/A

SECTION 15. Regulatory information

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

This Safety Data Sheet is drawn up in accordance with the following European regulations:

- European Regulation No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), as subsequently amended;

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- *European Regulation No 878/2020 amending Regulation No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex II;*
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures

National regulations:

- GD 128/2002 on waste incineration, as subsequently amended and supplemented
- GD 856/2002 on the waste management records and for the approval of the list of wastes, including hazardous wastes, as subsequently amended and supplemented;
- OMAPM no.756/2004 for the approval of the technical Norm on waste incineration;
- GD 349/2005 on waste storage, as subsequently amended and supplemented
- GD 1048/2006 on the minimum safety and health requirements for the use by workers of personal protective equipment at work, respectively European Directive 89/656/EEC - Decision no. 804/2007 on the control of major accident hazards involving hazardous substances;
- GD 1093/2006 on the establishment of minimum health and safety requirements for the protection of workers against risks related to the exposure to carcinogens or mutagens at work;
- GD 1218/2006 on the establishment of minimum health and safety requirements to ensure the protection of workers against risks related to the presence of chemical agents, which transposes European Directive 98/24/EC, European Directive 2000/39/EC as subsequently amended and supplemented;
- Law 319/2006 on safety and health at work, as subsequently amended and supplemented;
- Law no. 349/2007 on the reorganization of the institutional framework in the field of chemicals management, supplemented by Law no. 249/2011 and GEO no. 60/2013 for supplementing article 4 para. (1) of Law No 349/2007;
- Order 163/2007 for the approval of the General Rules for Fire Protection;
- GD 1061/2008 on the transport of hazardous and non-hazardous waste in Romania;
- GD 371/2010 for the amendment and supplementation of Government Decision no. 699/2003 on the establishment of measures to reduce emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations;
- GD No 398 /2010 on the establishment of measures for the application of the provisions of Regulation (EC) No 1272/2008 of the European Parliament and of the Council as of 16 Dec. 2008 on the classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Law 211/2011 on waste management;
- Order no. 794/2012 on the procedure for reporting data on packaging and packaging waste;
- Law 249/2015 on the management of packaging and packaging waste;
- ADR/RID/IMDG - in force.

15.2 Chemical safety assessment

Suppliers/Manufacturers have carried out the chemical safety assessment of the main component as part of the REACH registration process. It has been confirmed that in case of the main component control as a primary substance, adequate control can be ensured for the other mixture components.

SECTION 16. Other information:

Registered office: 14, Atomistilor Street, Ilfov County, TIN 13991630, J23/492/2001

Correspondence address: Eminescu Office - 6th Floor, 108-112 Mihai Eminescu Street, 2nd District, Postal Code 020082, Bucharest

Tel.: +40 21 318 26 22 - Fax: +40 21 318 26 23 - www.oscars.ro

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Revision 2 of this Safety Data Sheet has been adapted according to the provisions of Regulation (EU) No 878/2020 amending Annex II of Regulation (EC) No 1907/2006 (REACH). Changes from the previous revision are marked in italics.

Full text of the hazard statements - H-statements (referred to in sections 2 and 3):

H224: Highly flammable liquid and vapor.
H225: Highly flammable liquid and vapor
H301: Toxic if swallowed
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with the skin
H315: Causes skin irritation.
H319: Causes severe eye irritation
H331: Toxic if inhaled
H336: May cause drowsiness or dizziness.
H340: May cause genetic abnormalities (oral).
H350: Can cause cancer (oral).
H361f: May damage fertility.
H361d: May be harmful to the unborn child.
H370: Causes organ damage
H411: Toxic to aquatic life with long lasting effects

Abbreviations and acronyms:

CLS	Classification, labelling and packaging
DNEL	Derived no-no effect level
EC	European Commission
ECB	European Chemicals Bureau
ECB	European Chemicals Bureau
ECHA	European Chemicals Agency
EINECS	European Inventory of Existing Commercial Chemical
ELINCS	European List of Notified Chemical Substances
FDS	Safety Data Sheet
GHS	Globally Harmonized System for the Classification and
LC50	Lethal concentration up to 50% of the tested population
LD50	Lethal dose up to 50% of the tested population
NOAEL	No observed adverse effect level
No. EC	European Chemical Numbers: EINECS, ELINCS or NLP
PNEC	Predictable no-effect concentration/concentrations
PBT	Persistent, bioaccumulative and toxic
ppm	Parts/million
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

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VPvB

Very persistent and very bioaccumulative

Date source:

The information provide in this Safety Data Sheet is based on current laws, literature and our current knowledge of the product at the time of preparation. The information is valid for this product only and describes the product in terms of use, handling and transport safety.

The manufacturer and distributor are not responsible for the use of the product in areas other than those recommended.

Information on the methods of mixture evaluation and classification:

The health and environmental classification is based on calculation methods and test data, if available.

Training tips:

Read the user instructions before handling, storing or using the product.

Taking all the precautions for each section of this leaflet so that the product can be used safely will always fall within the user's responsibility.

The user of the product must comply with the standards and regulations in force and is responsible for the incorrect use of the information in this safety data sheet and is also responsible for the incorrect use of the product.