



SAFETY DATA SHEET UNLEADED GASOLINE 95 OCTANE

Regulation pn "Safety Data Sheets for Hazardous Substances and Mixtures"
(Prepared in accordance with the Official Gazette No. 29204, dated 13.12.2014, and (EU) 1272/2008)

1. IDENTITY OF THE SUBSTANCE/MIXTURE AND THE COMPANY/DISTRIBUTOR

1.1 Identity of the Substance /Mixture

Name of the Product	GASOLINE
Product Formula	Mixture
Product CAS No	86290-81-5
Product EC No	289-220-8
Trade Name	UNLEADED GASOLINE 95 OCTANE

1.2 Designated and Unrecommended Uses of the Substance or Mixture

1.2.1 Designated Uses

It is used as the fuel for spark ignition engines designed to run on unleaded gasoline.

1.2.2 Unrecommended Uses

It is not used as aviation fuel, cleaning agent or solvent.

1.3 Safety Data Sheet Maker's Details

Company Name GÜZEL ENERJİ AKARYAKIT A.Ş

www.moil.com.tr

Address Kuştepe Mahallesi Mecidiyeköy Yolu Caddesi No:14 V Plaza 34387
Mecidiyeköy Şişli / İSTANBUL

Phone 0 (212) 355 72 00 or 0850 288 48 00

Fax 0 (212) 288 72 02

GBF Authorized Person musterihizmetleri@oyakpetrol.com.tr

1.4 Emergency Phone Number

Company Service Hotline	0850 288 48 00 or 0850 314 60 03
National Poison Advisory Center (UZEM)	114
Emergency First Aid Center	112
Fire Department	110

2. HAZARD DEFINITION

2.1 Classification of the Substance or Mixture

Classified according to the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" published in the Official Gazette No. 28848, dated 11.12.2013.

H224: Flammable Liquid 1

H315: Skin Irritation 2

H304: Asp. Tok. 1

H319: Eye Irritation 2

H361: Repr. Sys. Tok. 2

H340: Muta. 1B

H350: Canc. 1B

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H336: STOT Single Exposure 3
H411: Aquatic Chronic 2

2.2 Label Elements

Hazard Signs:



WARNING Word: **HAZARD**

Physical Hazards:

H224: Very flammable liquid and vapor.

Hazards to Health

H304: May be fatal if inhaled and swallowed.

H315: Causes skin irritation.

H361: Suspected of damaging fertility or the unborn child.

H350: May cause cancer.

H340: May cause genetic defects.

H336: May cause drowsiness or dizziness.

H319: Causes serious eye irritation.

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

Environmental hazards

H411: Toxic to aquatic life with long-lasting effects. Precautionary statements

Precautionary statements

Precautionary measure expressions and codes;

P201: Read special instructions before use.

P210: Keep away from heat/sparks/flames/hot surfaces. – No smoking.

P241: Use explosion-proof electrical/ventilating and flammable material

P243: Take precautionary measures against static discharge.

P261: Avoid inhalation of dust / fumes / gas / mist / vapor / spray.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

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Response measure statements and codes;

P301+P310: IF SWALLOWED: Call the POISON CENTER or doctor/physician.

P304+P340: IF INHALED: In case of breathing difficulties, take him/her to fresh air and keep him/her in a comfortable position so that he/she can breathe easily.

ARTICLE 2: DO NOT induce vomiting.

P332+P313: If skin irritation occurs: Obtain medical assistance / response

Precautionary statements and codes for storage purposes;

P403+P233 : Store in a well-ventilated place. Keep container tightly closed.

Disposal precautionary statements and codes

P501: Dispose of contents / container by the mediation of licensed institutions in accordance with applicable legislation.

Special packaging requirement:

If the product is packaged; the lids of the product container must be resistant to opening by children.

2.3 Other damages

Hazards to Health: Mildly irritating to the respiratory system. Benzene in its content is carcinogenic. Contains N-Hexane, which can cause damage to surface nerves.

Security hazards: Easily flammable. Forms explosive mixture with air at ambient temperature.

Other information: This product is designed and manufactured for use in closed systems only.

3. INFORMATION ABOUT ITS COMPOSITION / CONTENTS

3.1 Substances

SUBSTANCE OR COMPOUND	EINECS NO	CAS NO	CONTENT %	CLASSIFICATION
GASOLINE is a complex mixture of hydrocarbons, containing paraffin, naphthene, aromatics and olefins, mostly between C4 and C12.	289-220-8	86290-81-5	85-100	Flammable Liquid 1, H224 Skin abrasion/irritation, 2, H315 Aspiration injury, 1, H304 Reproductive toxicity, 2, H361 Gamete mutagenicity, 1B, H340 Carcinogen, 1B, H350 Specific target organ toxicity Repeated exposure, 3, H336 Aquatic hazardousness, 2, H411
Methyl Tertiary Butyl Ether (MTBE)	216-653-1	1634-04-4	<15	Flammable Liquid 2, H225 Skin abrasion/irritation, 2, H315
Benzene	200-753-7	71-43-2	0-1	Flammable Liquid 2, H225 Skin abrasion/irritation, 2, H315 Eye irritation 2, H319 Mutagenic, 1B, H340 Carcinogen, 1A, H350 Repeated exposure, 1, H372 Aspiration injury, 1, H304

NOTES: Gasoline low-boiling point naphtha CAS NO:86290-81-5

If it can be shown that the substance contains less than 0.1 %w/w benzene, classification as a carcinogen or mutagen is not necessary.

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3.1.1 Additional Warnings

Easily flammable. Forms explosive mixture with air at ambient temperature. Benzene in the content of this product is carcinogenic. Prolonged contact with benzene can lead to various blood diseases, including blood cancer. It may harm aquatic life. Its spillage may form a film layer on water blocking the passage of oxygen.

4. FIRST AID PRECAUTIONS

4.1 Description of First Aid Precautions

4.1.1 General

The first-aider must protect himself/herself.

In case of an emergency, show this safety data sheet and consult a doctor.

4.1.2 Respiration

If the victim is breathing, take him/her to fresh air and place him/her in a resting position.

If there is irritation of the nose and throat or coughing as a result of gas inhalation, the affected person should be moved to fresh air. If symptoms persist, take him/her to a doctor.

Immediately seek medical assistance.



4.1.3 Skin Contact

Remove contaminated clothing immediately and flush skin with plenty of water for at least 15 minutes.

If there is burning, redness, blistering or pain on the skin, seek medical attention immediately.



4.1.4 Eye Contact

Immediately remove the patient from the contaminated area.

Immediately flush eyes with clean water for at least 15 minutes.

The eyelids should be kept open and the upper and lower lids should be lifted occasionally to ensure that all parts of the eye are thoroughly washed.

Remove any contact lenses.

Consult a doctor immediately.



4.1.5 Ingestion

DO NOT INDUCE VOMITING. Rinse the mouth with water.

Do not give anything by mouth to an unconscious patient. If ingested in large quantities, seek medical advice immediately without forced vomiting.



4.2 Acute and Subsequent Significant Symptoms and Effects

In the Eye: May cause severe eye irritation. Accidental eye contact may cause temporary blindness.

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On Skin: Causes skin irritation. As it contains Polycyclic Aromatic Hydrocarbons, it may cause skin diseases and skin cancer in prolonged or repeated contact.

If inhaled: High concentrations of vapors irritate the eyes, nose and throat if inhaled. May cause nausea, dizziness, headache and drowsiness.

If ingested: Harmful even if ingested in small doses. If swallowed in larger quantities, it causes nausea and diarrhea. If it passes into the lungs during vomiting, it causes damage.

Long Term Effects: No information available.

4.3 Indication of Need for Immediate Medical Response and Special Treatment

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Fire Extinguishers

Suitable Fire Extinguishing Media	Foam, dry chemicals and water mist should be used. The fire brigade should be notified in case of large fires. It should always be taken care to create an escape route in case of fire. Dry chemical, foam, water mist and carbon dioxide type fire extinguishers should be used in small fires.
Unsuitable Extinguishing Media	Never fight the fire with water. If a large amount of water is sprayed, it may cause the fire to spread.

5.2 Special Hazards arising from the Substance or Mixture

Damages Related to Combustion	Toxic gases such as carbon dioxides (CO ₂) and carbon monoxide (CO) can be formed as a result of combustion. It may burn at high temperatures.
Damages Related to Explosion	No information available.

5.3 Recommendations For Firefighting Teams

Personnel in charge during fire fighting should use respirators and chemical protective clothing.

Fire-fighting Instructions	Evacuate the area in case of fire. Cool tanks and product packages with water.
Protective Equipment for Fire Fighting Personnel	Personnel in charge during fire fighting must use a positive-pressure, full-face mask respirator with NIOSH-approved scuba tube, completely independent of the surrounding air, and chemical, heat and fire-resistant protective clothing covering the whole body. Wear protective equipment for skin and eyes.

5.4 Other Details

Avoid contaminating the environment by using fire extinguisher more than needed.
Firefighting wastes should not be allowed to reach sewage and ground waters.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Apply exposure control and the personal protective measures detailed in section 8.
Ensure good ventilation.

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6.1.1 Protective Equipment for Non-Emergency Personnel

	Wear suitable protective equipment to prevent contamination of skin, eyes, personal clothing. See section eight of this form.
Emergency Procedures	Consult a specialist for emergency procedures. Evacuate the accident site. Use personal protective equipment. Make sure there is good ventilation. Do not contact or touch the product until all safety precautions have been thoroughly read and understood.

6.1.2 Protective Equipment for Non-Emergency Personnel

	Wear suitable protective clothing, rubber boots, sturdy rubber gloves and eye/face protection.
Emergency Procedures	Wear protective equipment. Keep vulnerable persons away. Make sure there is good ventilation. Remove unrelated personnel, and clear the area.

6.2 Environmental Measures

Discharge to environment in an unsuitable way may lead to soil and water pollution.

Avoid contamination of sewerage/surface water/groundwater.

In case of contamination of water or sewerage, notify the competent authorities, and inform them respectively.

Since its vapour is heavier than air, it can leak into the sewerage network and reach distant ignition sources.

When spilled into water, a barrier should be used to prevent spreading, and the product on the water surface should be scooped up.

6.3 Methods and Materials for Containment and Cleaning up

6.3.1 Recommendations for Controlling Spillage

Spillage must be recovered by specialised personnel.

Collect in suitable sealed container for disposal.

6.3.2 Recommendations for Cleaning the Spillage

The spilled product makes the surface slippery.

Absorb with inert liquid absorbent materials (sand, diatomite, acid binder, general binder, sawdust). Since the liquid spilled indoors will completely evaporate, adequate ventilation should be provided, and protective clothing should be worn after the measurement.

Spillages over a large area should be extinguished using foam, and should be kept under foam cover until the hazard is over.

Wash the area with water after the spillage has been scooped up.

Transport for recovery or disposal in suitable containers.

Refer to section 13 for information about disposal.

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7. HANDLING & STORAGE

7.1 Precautions for Safe Handling

In order to ensure protection of health, safety and the environment, action should be taken in compliance with the provisions on the working methods and organisational measures according to the Article 7 of the "Regulation on Health and Safety Measures in Working with Chemical Substances" with regard to the measures to be taken in the works and workplaces where hazardous chemicals are worked with, which were published in the Issue No. 28733 of the Official Gazette, dated 12/08/2013, and care should be paid to plan the working procedures in the workplaces and take organizational measures.

It is compulsory to comply with the industrial hygiene standards to prevent ingestion, eye and skin contact of the chemicals during use.

Keep away from sources of ignition. Do not smoke.

Avoid contact with eyes and skin.

Wash hands with plenty of soap and water after work.

Avoid prolonged exposure to the product.

Make sure there is good ventilation in the workplace.

Smoking, eating and drinking should be prohibited in the area of application.

Equipment such as pumps etc. should be earthed, or transfer containers should be connected to each other with a cable so as to prevent the accumulation of static electricity.

7.1.1 General Handling Recommendations

7.1.1.1 Precautions for Safe Handling

Keep fire-fighting equipment ready.

7.1.1.2 Environmental Warnings

Avoid contamination of sewerage/surface water/groundwater.

If it mixes into waters or sewage, notify to the competent official bodies and inform the authorities.

7.1.2 General Occupational Hygiene Recommendations

It is compulsory to comply with the industrial hygiene standards to prevent ingestion, eye and skin contact of the chemicals during use.

Wash hands with plenty of soap and water after work.

Make sure there is good ventilation in the workplace.

Smoking, eating and drinking should be prohibited in the area of application.

Contaminated clothing and protective equipment must be removed before entering the dining area.

7.2 Conditions for Safe Storage, Including Disputes

7.2.1 Storage Conditions

The storage room should be cleaned periodically, ventilation system, temperature and humidity controls should be carried out on a regular basis.

All substances should be kept sealed in their original packages when they are not in use.

When not in use, the containers must be kept securely sealed.

The substance must not be stored in the same environment with other substances that may cause dangerous chemical reactions.

If the hydrocarbon vapour concentration in the tank is more than 1% and the oxygen concentration is less than 20%, do not enter without an oxygen mask.

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Since light hydrocarbons are collected at the top of the storage tanks, there is a possibility of ignition. Therefore, static electricity must be discharged.

Precautions should be taken against ignition sources during filling and discharging.

Equipment such as pumps etc. should be earthed, or transfer containers should be connected to each other with a cable so as to prevent the accumulation of static electricity.

There is a risk of ignition or explosion if the product comes into contact with a hot surface. Keep away from food, drinks and animal feeding areas.

Keep away from open flame sources, sparks and heat sources. Comply with the general rules applied in storing the chemicals.

Store in a cool and dry place.

The storage room must be cleaned regularly and ventilated well. Keep the packages closed when not in use.

7.2.2 Incompatible Materials

Strong oxidants

7.3 Specific End-Uses

No use other than the use described in section 1.22 is foreseen.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limit Values

8.1.1.1 Occupational Exposure Limit Values According to the Regulation on Health and Safety Measures at Work with Chemical Substances

Unleaded Gasoline 95 Octane

ACGIH(ABD): TLV 300 ppm (8 h TWA) : 500 ppm (15 dak STEL)

A3 - Carcinogenic effect on animals

Benzen CAS No 71-43-2

ACGIH(ABD): TLV 0,5 ppm (8 h TWA) : 2.5 ppm (15 m STEL)

A1 – It has been confirmed to be carcinogenic in humans.

8.1.1.2 Occupational Exposure Limit Values According to the Regulation on Health and Safety Measures at Work with Carcinogenic or Mutagenic Substances

No information available.

8.1.1.3 Other Occupational Exposure Limit Values

No information available.

8.1.1.4 Biological Limit Values According to the Regulation on Health and Safety Measures at Work with Chemical Substances

No information available.

8.1.1.5 Other biological limit values

No information available.

8.1.2 Occupational exposure limit values and/or biological limit values applicable to the substance or mixture if it is an air pollutant when used as intended

No information available.

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8.1.3 Where the control band approach is used to decide on risk management measures for specific uses, sufficient information to ensure effective management of the risk and the context and limits of specific control band recommendation

No information available.

8.2 Exposure controls

The equipment to be used where personal protection is required and appropriate protection methods are defined in accordance with the "Regulation on the Use of Personal Protective Equipment in Workplaces" No. 28695, dated 02.07.2013, and the "Personal Protective Equipment Regulation" No. 26361, dated 29.11.2006. Make sure that personal protective equipment is used in accordance with the relevant regulations and requirements

8.2.1 Applicable Engineering Controls

The employer shall, where appropriate, carry out risk assessments in accordance with "Regulation on Health and Safety Measures at Work with Carcinogenic or Mutagenic Substances" (RG-06.08.2013-28730) and "Regulation on Health and Safety Measures at Work with Chemical Substances" (RG- 12.08.2013-28733)

on the safety and health of workers arising from the substance and mixture in order to prevent the risk of exceeding the occupational exposure limit values of the product

The recommendations given here are general guidelines for the use of this article. Since specific working environments and material handling applications may vary, safety practices must be developed for each application.

Ensure that the working environment is ventilated and cleaned well to prevent that occupational exposure limits of the products are exceeded.

There should be eye and body shower available.

Install the air filtering system to the necessary areas in accordance with NIOSH and CEN. Design the field of use such that the contamination of the environment with the product is prevented. See Section 7.

8.2.2 Individual Protective Measures (Personal Protective Equipment/Apparatus)

Use EN and NIOSH approved equipment.

8.2.2.1 General Protection and Hygiene Measures

Personnel who use this substance, who are at the workplace where the substance is stored for maintenance and repair, and who are responsible for the storage, handling and disposal of the substance should undergo training. Avoid inhalation in the form of vapour.

Observe general rules when working with chemicals.

Avoid contact with eyes and skin.

Use only in well ventilated places.

Keep away from foodstuffs, drinks and animal feed. Remove contaminated, liquid-soaked clothing immediately.

Do not wear soiled clothes before washing them. Wash your hands when the job is finished and when you take a break.

Do not eat and drink anything while using this substance.

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8.2.2.2 Eye/Face Protection

Wear goggles that fully cover the edges.

In areas where there is a high risk of splashing, wear safety goggles that fit snugly over the eyes, have side shields and comply with NIOSH (USA) or EN 116 (EU) standards.

Generally wear safety goggles and/or face shield to protect against chemicals, dust, splashes. Do not use contact lenses.



8.2.2.3 Skin Protection

8.2.2.3.1 Hand Protection

Use only chemical resistant nitrile gloves.

Gloves made of the following material are suitable for continuous contact in work areas (e.g. in the laboratory) without risk of injury.

The exact puncture time should be learnt from the glove manufacturer and these times should be respected.

Not only the manufacturing material, but also quality characteristics should be taken into account in the selection of suitable gloves, and these vary from manufacturer to manufacturer.

Gloves should be cleaned well before removal, then stored in a well-ventilated place. The specific working conditions under which the gloves are to be used must also be taken into account.



8.2.2.3.2 Body Protection

Wear chemical resistant, dust and liquid proof protective clothing with long sleeves and long cuffs that tightly cover the body.



8.2.2.4 Respiratory Measures

Suitable breathing apparatus should be used when there is a possibility of exposure to hydrocarbon vapours. If it is decided to be used as a result of engineering controls, choose NIOSH (USA) or EN (EU) approved masks, selected in accordance with regulations and/or industrial recommendations based on specific or potential air pollution concentrations.

WARNING: Masks that filter pollution in the air do not protect the worker against an oxygen-deficient atmosphere.



8.2.2.5 Thermal Hazards

When specifying the protective equipment to be worn for thermally hazardous materials, pay particular attention to the construction of the personal protective equipment.

8.2.2.6 Environmental Exposure Controls

The obligations under the applicable legislation regarding protection of the environment should be exactly fulfilled.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties	
Appearance	Clear, bright
Color	Yellow
Odor	Characteristic
Odor threshold	No information available
pH(20°C) (100 g/L)	No information available
Melting point/freezing point range (°C)	No information available
Initial boiling point/boiling range (°C)	25-210
Flash point (PM sealed container) (°C)	No information available
Density (kg/m ³)	720-775
Upper/lower explosive limits (%vol)	1-8
Flammability property	No information available
Auto-ignition temperature (°C)	No information available
Explosiveness properties	No information available
Benzene (%v/v)	No information available
Cinematic Viscosity (40 °C)(mm ² /s)	0,5-0,75
Sulphur quantity (mg/kg)	<10
Aromatic hydrocarbons (% v/v)	<35,0
Olefins (% v/v)	<18,0
Solubility (in water) (20 °C)	Insoluble
Vapor Pressure (20 °C) (0,3 mmHg)	45-90 hPa

10. STABILITY & REACTIVITY

10.1 Reaction

Stable at normal temperature and pressure when used and stored according to instructions.

10.2 Chemical Stability

Stable at normal temperature and pressure when used and stored according to instructions.

10.3 Possibility of Hazardous Reactions

Explosive mixture may form as a result of contact of product vapour with air.

10.4 Conditions to be avoided

Keep away from ignition sources.

10.5 Materials to be Avoided

Avoid contact with strongly reducing (oxidising) substances.

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10.6 Hazardous Decomposition Products

Incomplete combustion produces dangerous gases including smoke, carbon dioxide and carbon monoxide. There is no polymerisation hazard.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Impacts

Aspiration into the lungs during swallowing or vomiting can cause pneumonia of chemical origin, which can result in death.

11.1.1 Acute Toxicity

LD50 Oral: >2,000 mg/kg (rat)
LD50 Dermal: >2,000 mg/kg (rabbit)
LC50 Inhalation: >5 mg/l (rat for 4
hours)

High concentrations can cause central nervous system depression, leading to headache, dizziness and nausea; continued inhalation may result in loss of consciousness and/or death.

11.1.2 Skin Abrasion/Irritation

Irritating if it comes into contact with the skin. As it contains Polycyclic Aromatic Hydrocarbons, it may cause skin diseases and skin cancer in prolonged or repeated contact.

11.1.3 Severe Skin Damages / Irritation

It may have an irritant effect on the eyes.

11.1.4 Respiratory Tract or Skin Sensitization

No known sensitisation effects.

11.1.5 Germ Cell Mutagenicity

It can cause genetic damage that can be hereditary. Mutagenicity studies on mixtures of benzene and gasoline gave predominantly negative results.

11.1.6 Carcinogenicity

Benzene in its structure is classified as carcinogenic for humans. Long-term exposure to benzene can cause anaemia, leukaemia and other blood diseases.

11.1.7 Reproductive Toxicity

It does not contain substances containing reproductive toxicity.

11.1.8 Specific Target Organ Toxicity - Single Exposure (STOT-Single)

Exposure to its vapours may affect the nervous system, causing headache, dizziness, blurred vision, nausea and drowsiness. Prolonged exposure may lead to loss of consciousness, and even to death.

11.1.8 Specific Target Organ Toxicity - Repeated Exposure (STOT-Repeated)

In case of prolonged and repeated exposure, it may damage the blood and organs involved in blood production; it may cause anaemia, leukaemia and other blood diseases.

11.2 Aspiration Hazard

It can be fatal if swallowed and enters the respiratory tract.

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11.3 Information on Possible Ways of Exposure

Eye Contact	Accidental eye contact may cause temporary blindness.
Skin Contact	Causes skin irritation. As it contains Polycyclic Aromatic Hydrocarbons, it may cause skin diseases and skin cancer in prolonged or repeated contact.
Inhalation	Inhalation of high concentrations of vapour irritates the respiratory system. May cause nausea, dizziness, headache and drowsiness.
(Ingestion) If swallowed	Harmful if swallowed in small doses. If swallowed in larger quantities, it causes nausea and diarrhea. If it passes into the lungs during vomiting, it causes damage.
Target Organs	Skin, Respiration
Medical Symptoms	No information available
Medical Warnings	Treat according to the symptoms.

11.4 Delayed or Immediate Impacts as well as Chronic Impacts in Case of Short and Long Term Exposure

No information available.

11.5 Other Details

No information available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

The product may be toxic to aquatic organisms. It may cause long-term adverse effects in the aquatic environment.

The spilled product causes contamination of groundwater. Since it is lighter than water, it forms a film layer on water surface, and prevents aquatic creatures to receive oxygen from air and have them physically damaged.

Acute Toxicity

Various fish; expected to be toxic	1<LL/EL/IL50 ≤ 10 mg/l
Aquatic invertebrates; expected to be toxic	(expressed as the nominal amount of product required to prepare LL/EL50 aqueous test extract)
Algae; expected to be toxic	

Chronic Toxicity

For fish, aquatic invertebrates, algae	1 < NOAC/NOEL ≤ 10 mg/l (according to test)
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12.2 Persistence and Degradability

The major components are expected to be spontaneously biodegradable, but the product contains substances that may persist in the environment without becoming degraded. Volatile components are rapidly oxidised by photochemical reactions in the air.

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12.3 Bioaccumulation Potential

It contains components that have the potential to accumulate in nature.

12.4 Mobility in Soil

In case of spillage of the product, it may enter the groundwater by being absorbed by the soil or as a result of ground movements.

12.5 Results of PBT and vPvB Assessment

According to Annex XIV of Regulation EC 1907/2006 on REACH, the product does not contain any substance that fulfils the PBT (persistent/ bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative) criteria.

12.6 Other Adverse Effects

No information available.

13. DISPOSAL INFORMATION

13.1 Waste Processing Methods

Dispose of the absorbed material in a suitable facility with a license.

Wastes and used packages should be disposed of according to the official regulations.

Avoid its mixing into surface and ground waters, drinking water sources, still and running waters and sewage.

Refer to national and international legislations regarding wastes.

Do not dispose of without checking the waste regulations applicable to the product.

13.2 Safe Disposal

Since chemical additions, process or other modification of this substance may render the waste management information provided in this safety data sheet incomplete, inaccurate or inappropriate, the disposal of waste should be carried out in accordance with official regulations in consideration of the place of use.

Do not allow disposal of the product with domestic waste.

It is strictly forbidden to mix the product with sewage and ground water.

In such cases, inform the government authorities.

13.3 European Waste Catalog and Hazardous Waste List Number

Waste identification numbers / waste definitions should be assigned so that they are specific to the industry and processes according to EWC.

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14. TRANSPORT INFORMATION

UN 1203, GASOLINE, 3, PG II				
	ADR/RID	ADNR	IMDG	ICAO/IATA
MODE OF TRANSPORTATION	HIGHWAY / RAILWAY	RIVER CHANNEL	SEAWAY	AIRWAY
14.1 UN NUMBER	1203	1203	1203	1203
14.2 PROPER UN SHIPPING NAME	UN 1203, GASOLINE, 3, PG II			
SYMBOL				
14.3 TRANSPORTATION HAZARD CLASS	3	3	3	3
14.4 PACKING GROUP	II	II	II	II
CLASSIFICATION CODE	F1			
LABELING NO	3	3	3	3
HAZARD IDENTIFICATION NO	33			
TUNNEL RESTRICTION CODE	D/E			
14.5 ENVIRONMENTAL HAZARDS MARINE POLLUTING	HAZARDOUS TO THE ENVIRONMENT	HAZARDOUS TO THE ENVIRONMENT	MARINE POLLUTANT	HAZARDOUS TO THE ENVIRONMENT
14.6 SPECIAL PRECAUTIONS FOR USER	See SECTION 7			

14.7 Transportation according to MARPOL 73/78 Annex 2 and IBC Code

Not Classified in MARPOL ANNEX-2

15. LEGISLATION INFORMATION

15.1 Special Safety, Health and Environmental Legislation for the Substance or Mixture

The product is classified and labeled in accordance with the procedures and principles stipulated in the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" and "EU legislation". Review the following legislation for application of the provisions in this safety data sheet or the following regulations for other national measures that may be relevant.

- Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures
- Regulation on Classification, Labeling and Packaging of Substances and Mixtures,
- Regulation on the Restrictions regarding Production, Marketing and Use of Certain Hazardous Substances, Preparations and Goods
- Occupational Health and Safety Regulation
- Regulation on Health and Safety Measures for Working with Carcinogenic and Mutagenic Substances
- Regulations on Safety and Health Measures in working with Chemical Substances
- Regulation on the Use of Personal Protective Equipment in Workplaces
- Regulation on Control of Hazardous Wastes

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- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

15.2 Chemical Safety Assessment

The product has not undergone any chemical assessment.

16. OTHER INFORMATION

This section describes information on the preparation of the safety data sheet. It covers other information not included in headings from 1 to 15 of the safety data sheet, including information on revisions of the safety data sheet.

16.1 Revisions Made

- * SECTION 1 Article 1.1, Article 1.3
- * SECTION 2 Article 2.1, Article 2.2
- * SECTION 9 Article 9.1
- * SECTION 16

16.2 Abbreviations

RG: Official Gazette

EINECS: European Inventory of Existing Commercial
Chemical Substances

CAS: Chemical Abstracts Service

REACH: European Regulation on Registration, Evaluation, Authorisation and Restriction Chemicals

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

IMDG: International Maritime Code for Dangerous Goods IMO:

International Maritime Organization

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

CLP: Classification, Labelling and Packaging Regulation according to 1272/2008/EC GHS:

Global Harmonised System

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures NIOSH: The National Institute
for Occupational Safety and Health CEN: The European Committee for Standardization

NTB: National Toxicology Program

IARC: The International Agency for Research on Cancer Occupational Safety and Health Administration

EWC: European Waste Catalog

16.3 Main Literature and Sources of Information

In order to ensure the protection of human health and the environment, it is recommended that workers undergo appropriate training on how to read and use safety data sheets and labeling information in a comprehensible manner to protect against product exposure and to establish a general safety culture.

Key information sources used in issuance of this safety data sheet:

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Safety Data Sheet prepared by the producer for the product Regulation on Safety Data Sheets for Hazardous Substances and Mixtures and its annexes Regulation on Classification, Labeling and Packaging of Substances and Mixtures and its annexes Regulation on Health and Safety Measures at Work with Carcinogenic and Mutagenic Substances and its annexes Other relevant regulations UN ADR, IMDG, IATA lists, ECHA and relevant EU directives, Other supplementary sources.

16.4 Explanations on Hazard Classification Methods

(In the case of Mixtures, a statement on which of the information evaluation methods specified in Article 11 of the Regulation on Classification, Labeling, and Packaging of Substances and Mixtures are used for classification purposes)
No application required.

16.5 Relevant hazardousness Statements

Flammable Liquid 1
Skin Irritation 2
Asp. Tox. 1
Eye Irritation 2
Repr. Sys. Tok. 2
Muta. 1B
Canc. 1B
STOT Single
Exposure 3
Aquatic Chronic 2

H224 Very flammable liquid and vapor
315 Causes skin irritation
H304 Fatal if swallowed and enters airways.
H361 Suspected of damaging fertility or the unborn child.
H350 May cause cancer.
H340 May cause genetic defects.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long-lasting effects.

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The information on health, safety and the environment given in the Safety Data Sheet is based on information obtained from reliable sources (producer's internal and external refinery records) at the time of preparation of the Safety Data Sheet. This information, given in good faith, contains the data available on the product at the date indicated. Nevertheless, the user is warned of the potential hazards that may arise if this product is used for purposes other than those for which it was intended. It does not give the user the right not to fulfill the terms of the regulation related to its activity.

It is the user's responsibility to evaluate the product, to comply with the current applicable legislation and to take all necessary precautions regarding its use. The purpose of explaining some of the legal and regulatory provisions here is to assist the user in fulfilling his/her duty.

The statements/information contained in this Safety Data Sheet are considered correct as of the date of publication. The user must ensure that they have no other obligations other than those mentioned herein. This document contains important information for the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in charge of safety issues in the organization.

GÜZEL ENERJİ AKARYAKIT A.Ş. cannot be held liable for any damages and/or injuries that may arise due to misusing the product, failure to comply with recommendations or hazards naturally present in the product.

Safety Information Sheet Prepared by:

Date of Competence Certificate: 06.11.2022

Competence Certificate Number:

KDU01.18.03

Address:

GÜZEL ENERJİ AKARYAKIT A.Ş. Kuştepe mahallesi, Mecidiyeköy Yolu Caddesi, No:14 V-Plaza Şişli / İSTANBUL

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