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SAFETY DATA SHEET DIESEL

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

Product Name DIESEL
Product Formula Mixture
Product CAS No 68334-30-5
Product EC No 269-822-7
Commercial Name DIESEL

1.2 Designated and Unrecommended Uses of the Substance or Mixture

1.2.1 Designated Uses

Used as fuel in diesel engine vehicles

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

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Person

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.

H226: Flam. Liquid Layer 3

H304: Asp. Tox. 1

H315: Skin Irritation 2

H332: Acute Tox. 4;

Inhalation

H351: Canc. 2

H373: BHOT Repet. Exposure 2

H411: Aquatic Chronic 2

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2.2 Label Elements

Hazard signs:



WARNING Word: HAZARD

Hazard statements

- H226: Flammable liquid and vapor.
H304: May be fatal if inhaled and swallowed.
H315: Causes skin irritation.
H332: Harmful if inhaled. H351:
Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long-lasting effects.

Precautionary statements

Prevention precautionary statements and codes

- P210: Keep away from heat/sparks/flames/hot surfaces. – No smoking.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid inhalation of dust / fumes / gas / mist / vapor / spray.
P273: Avoid release to the environment.
P280: Wear protective gloves / protective clothing / eye protection / face protection.

Response precautionary 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.
P331: Do not induce vomiting.
P332+P313: If skin irritation occurs: Obtain medical assistance / response

Precautionary statements and codes for storage purposes;

- P403: Store in a well ventilated place.

Disposal precautionary statements and codes

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

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2.3 Other Damages

Results of PBT and vPvB Assessment This mixture contains no substances considered persistent, bioaccumulative, or toxic (PBT). This mixture does not contain any substances considered to be very persistent or highly bioaccumulative (vPvB).

3. INFORMATION ABOUT ITS COMPOSITION / CONTENTS

3.1 Substances

SUBSTANCE OR COMPOUND	EINECS NO	CAS NO	CONTENT %	CLASSIFICATION
Complex mixture of hydrocarbons, containing mostly middle distillates between C10 and C28	269-822-7	68334-30-5	100	Flamm. Liquid 3, H226 Acute Tox. 4 H332 Asp. Hazard. 1 H304 Carcinogenic, 2 H351 BHOT Repetitive Exp. 2 H373 Skin Abrasion Aquatic hazardousness, 2, H411

4. FIRST AID MEASURES

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 the exposed person is not breathing, give artificial respiration.
Immediately seek medical assistance.



4.1.3 Skin Contact

Take off all contaminated clothes.
Wash the exposed area with plenty of water.
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.
Seek medical advice immediately.



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4.1.5 Ingestion

DO NOT INDUCE VOMITING. Rinse the mouth with water.
Do not give anything by mouth to an unconscious patient.
Seek medical advice immediately.



4.2 Acute and Subsequent Significant Symptoms and Effects

In the Eye: May cause severe eye irritation.

On Skin: May cause skin irritation.

If inhaled: If mist or vapour is inhaled, it irritates eyes, nose and throat. It is dangerous to inhale due to H₂S and PCA.

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 Firefighters

During firefighting, the personnel should wear respirator 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.

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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.

6.1.1 Protective Equipment for Non-Emergency Personnel

Protective Equipments	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.

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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.

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.

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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.

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.

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

Product does not contain significant amounts of materials with limit values that require monitoring at the workplace.

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.

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Do not eat and drink anything while using this substance.

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	Fluid
Color	Yellow
Odor	Characteristic
Odor threshold	No information available
pH(20°C) (100 g/L)	No information available
Melting point/freezing point range (°C)	-40/+6
Initial boiling point/boiling range (°C)	160/380
Flash point (PM sealed container) (°C)	> 55
Density (kg/m ³)	820,0 – 845,0
Upper/lower explosive limits (%vol)	0,6-7,5
Flammability property	No information available
Auto-ignition temperature (°C)	>250
Explosiveness properties	The product is not explosive
Oxidation stability (g/m ³)	No information available
Cinematic Viscosity (40 °C)(mm ² /s)	2,000 – 4,500
Sulphur quantity (mg/kg)	<10
Polycyclic aromatic hydrocarbons (% w/w)	<8
Partition Coefficient (n-octanol / water)	>3,5
Solubility (in water) (20 °C)	Insoluble
Vapor Pressure (20 °C) (0,3 mmHg)	<0.04

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. It does not cause harmful polymerisation.

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, carbon monoxide, and hydrogen sulfide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Impacts

The information in this section is consistent with the classification of the substance or mixture. Fields labelled No Information indicate that there is no definite information obtained in the research.

11.1.1 Acute Toxicity

Diesel Oil

LD50 Oral: >2,000 mg/kg (rat)

11.1.2 Skin Abrasion/Irritation

Irritating if it comes into contact with the skin. Since 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 Mutagen

No data is available on the content of substance causing mutagenic adverse effect.

11.1.6 Carcinogenicity

Suspected to be carcinogenic.

11.1.7 Reproductive Toxicity

It does not contain substances containing reproductive toxicity.

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

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Specific Target Organ Toxicity - Contains substance with Single Exposure effect.

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

Specific Target Organ Toxicity-There is no information on the substance content with repeated exposure effect.

11.2 Aspiration Hazard

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

11.3 Information on Possible Ways of Exposure

Eye Contact	May be irritating to the eyes.
Skin Contact	May be irritating to the skin.
Inhalation	If mist or vapour is inhaled, it irritates eyes, nose and throat. It is dangerous to inhale due to H ₂ S and PCA.
(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.

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

It may harm aquatic life. Its spillage may form a film layer on water blocking the passage of oxygen.

Solvent naphtha (petrol), heavy aromatic

Acute Algae Toxicity Acute EC50 <10 mg/l (72 hours)

Acute Water Flea Toxicity EC50 < 10 mg/l (48 hours)

Acute Fish Toxicity LC50 < 10 mg/l (96 hours)

1,2,4-trimethylbenzene

Acute Water Flea Toxicity EC50 = 6.14 mg/l (96 hours)

Naphthalene

Acute Water Flea Toxicity EC50 = 3.4 mg/l (48 hours)

Acute Fish Toxicity LC50 = 0.51 mg/l (96 hours)

12.2 Persistence and Degradability

Biodegradation;

It is decomposable in nature and soluble in soil.

Atmospheric oxidation:

It is expected to oxidise rapidly in the atmospheric environment.

12.3 Bioaccumulation Potential

Although it has bioaccumulation potential, its physical and chemical properties reduce the amount of bioconcentration in the soil to negligible amounts.

12.4 Mobility in Soil

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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.

GÜZEL ENERJİ AKARYAKIT A.Ş.

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SAFETY DATA SHEET DIESEL (OTHER)

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(Prepared in accordance with the Official Gazette No. 29204, dated 13.12.2014, and (EU) 1272/2008)

14. TRANSPORT INFORMATION

UN 1202, DIESEL FUEL, 3, PG III				
	ADR/RID	ADNR	IMDG	ICAO/IATA
MODE OF TRANSPORTATION	HIGHWAY / RAILWAY	RIVER CHANNEL	SEAWAY	AIRWAY
14.1 UN NUMBER	1202	1202	1202	1202
14.2 PROPER UN SHIPPING NAME	UN 1202, DIESEL FUEL, 3, PG III			
SYMBOL				
14.3 TRANSPORTATION HAZARD CLASS	3	3	3	3
14.4 PACKING GROUP	III	III	III	III
CLASSIFICATION CODE	F1			
LABELING NO	3	3	3	3
HAZARD IDENTIFICATION NO	30			
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 Bulk transport 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

OSHA: 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 sources of information used in the preparation of this safety data sheet; Safety Data Sheet prepared by the manufacturer of the product

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"Regulation on Safety Data Sheets Regarding Hazardous Substances and Mixtures" and annexes thereto,
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 helpful resources

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

Flam. Liquid Layer 3

Asp. Tox. 1

Skin Irritation 2

Acute Tox. 4;

Inhalation Canc. 2

BHOT Repet. Exposure 2

Aquatic Chronic 2

H226: Flammable liquid and vapor.

H304: May be fatal if inhaled and swallowed.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H351: Suspected of causing cancer.

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

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

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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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