



SAFETY DATA SHEET

M OIL BLUE

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

Date of First Publication : 06.06.2011

Revision Date : 13.02.2025

Revision Number : 08

SDS Number : KG-F-256

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SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier	Trade Name : M OIL BLUE Product Form : Mixture EC No. : Not available CAS No. : Not available REACH Registration No. : Not available
1.2 Relevant identified uses of the substance or mixture and uses advised against	Identified uses: AdBlue
1.3 Details of the supplier of the safety data sheet	GÜZEL ENERJİ AKARYAKIT A.Ş. 10013 Sokak No.: 6 A.O.S.B. Çiğli/İZMİR Tel: 0 232 328 10 36 Faks: 0 232 328 20 82 e-mail: moillaboratuvar@guzelenerji.com.tr
1.4 Emergency telephone number	Güzel Enerji Akaryakıt A.Ş.: 0 232 328 10 36 UZEM (National Poison Consultancy Center): 114

SECTION 2 : HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not Classified

2.2 Label elements

No Label elements according to Regulation (EC) No 1272/2008

Signal Words: No marker words

2.3 Other hazards

Physical / Chemical Hazards: Not classified as harmful

Health Hazards: Not classified as harmful

Environmental Hazards: Not classified as harmful



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SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not Applicable.

3.2 Mixtures

Chemical Composition	CAS No.	EC No.	Concentration	Classification
Urea	57-13-6	200-315-5	32,5%	-
Water	7732-18-5	231-791-2	67,5%	-

REACH No.: Not available.

Additional information:

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with plenty of water. Remove any contact lenses. Obtain medical advice if any pain or redness develops or persists.

SKIN CONTACT: Wash skin thoroughly with soap and plenty water. Remove heavily contaminated clothing and wash underlying skin.

INHALATION: If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.

INGESTION: If contamination the mouth occurs, wash out thoroughly with water. If ingestion occurs large amounts, do not induce vomiting; obtain medical advice of.

4.2 Most important symptoms and effects, both acute and delayed

INHALATION: In case of inhalation of vapors may cause irritation to the respiratory system.

SKIN CONTACT: Skin irritation may occur after prolonged exposure.

EYE CONTACT: In contact with the eyes can cause irritation. It may cause redness and tears.

INGESTION: In case of ingestion, it can cause irritation of the mouth, throat sensitivity, abdominal pain and nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to doctor/physician: Treat symptomatically.



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SECTION 5 : FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: The product is not flammable. Use extinguishers suitable to cause of fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: Do not interfere with the water jet to flame. It may cause the spread of fire.

5.2 Special hazards arising from the substance or mixture

Combustion occurs as a result of toxic gases. Carbon monoxide may be evolved if incomplete combustion occurs. With high temperatures may burn.

5.3 Advice for firefighters

The product is not flammable. Use extinguishers suitable to cause of fire. Closed areas, by trained personnel using fire protective clothing and oxygen mask deflated.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Safety glasses, work clothes, gloves and boots should be used. Provide adequate ventilation.

6.2 Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Scrape up bulk of solid material and remove liquid with sand or other suitable inert absorbent material. Spilled product should be isolated from sources of ignition, good ventilation should be provided. Recovery of large spillages should be done by specialist personnel.

6.4 Reference to other sections

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. For guidance on disposal of spilled material see Chapter 13 of this Safety Data Sheet.



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SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for safe handling

Good ventilation should be provided in the environment and should be avoided during use of the inhalation.

Skin contact should be avoided and hygienic rules should be applied.

Avoid eating, drinking and smoking while using. Wash hands thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Be exposed to direct sun rays, should not be stored near heat sources.

7.3 Specific end use(s)

Handle in accordance with good industrial hygiene and safety practice.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure Limit Values: For Undiluted Urea TWA= 10 mg/m³, 8 hours (ACGIH)

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide adequate ventilation in the work area.

8.2.2 Individual protection measures, such as personal protective equipment

Personal protective equipment symbol(s)



Eye protection

If contact is likely safety glasses with side shields are recommended.

Skin protection

Protective clothing should be used.



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Hand protection

For long-term exposure, use protective gloves of e.g. butile rubber, naturel latex according to EN 374. Gloves should surely be used when handling. Polluted (contaminated) or worn gloves should be removed and replaced.

Respiratory protection

If operations are such that exposure to vapour mis tor fume may be anticipated then suitable approved respiratory equipment should be worn.

8.2.3 Environmental exposure controls

Take appropriate measures to fulfill the requirements of relevant environmental protection legislation.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	: Clear, Liquid
Colour	: Colorless
Odour	: Slight Ammonnia
Odour Threshold	: Data not available
pH	: 9,8 - 10
Melting Point	: Data not available
Pour Point	: -11,5 °C
Boiling Point	: 106 – 110 °C
Flash Point °C	: Not applicable
Evaporation Rate	: Data not available
Flammability (solid, gas)	: Data not available
Upper / Lower Flammability Limits	: Data not available
Vapour Pressure, 20 °C	: 23 hPa
Vapour Density	: Data not available
Density, 20 °C	: 1,09 g/ml
Solubility in Water	: Completely soluble.
Partition Coefficient	: Data not available
Auto-ignition Temperature	: Data not available
Decomposition Temperature	: 100 °C
Viscosity 20 °C	: 15 m Pa.s
Explosive properties	: Data not available
Oxidizing properties	: Data not available



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9.2 Other information

Data not available

SECTION 10 : STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable.

10.2 Chemical stability

The product is stable under the recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, no hazardous reactions will occur.

10.4 Conditions to avoid

Do not expose to open flame, burning and ignition sources. The conditions under which direct contact with high heat, direct sunlight, oxidizing and reducing agents should be avoided.

10.5 Incompatible materials

Strong oxidizers, strong acids, nitrates, nitrites.

10.6 Hazardous decomposition products

In the case of exposure to high temperature, smoke, ammonia, carbon oxides (CO, CO²), nitrous gases (NOX) as dangerous decomposition products can occur.

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity: LD50: 8471 mg/kg (Rat) (Undiluted Urea)

Acute dermal toxicity: LD50: 8200 mg/kg (Rat) (Undiluted Urea)

Eyes : Eye contact may cause irritation. It may cause redness and tears.

Skin : Prolonged contact with the skin can cause skin sensitization.

Ingestion : In case of ingestion, it can cause irritation of the mouth, throat sensitivity, abdominal pain and nausea.

Inhalation : In case of inhalation of vapors may cause irritation to the respiratory system.



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SECTION 12 : ECOLOGICAL INFORMATION

12.1 Toxicity

The information given below is based on the information provided by the manufacturer of the components and on data of similar products.

Short-term toxicity to fish:

LC50: 6810mg/L, 96 hours *Leuciscus idus* (Golden orfe)

Short-term toxicity to daphnia and aquatic invertebrates:

LC50: 10.000 mg/L, 24 hours (*Daphnia*)

LC50: 13477mg/L, 48 hours (*Helisoma trivolvis*)

Toxicity to aquatic algae and cyanobacteria:

Toxicity threshold: >10.000 mg/L, 192 hours, (*Scenedesmus quadricauda*)

12.2 Persistence and degradability

Biologically easily degradable.

12.3 Bioaccumulative potential

Undiluted Urea 's Log Pow: -1,59 so that bioaccumulation is low.

12.4 Mobility in soil

Not applicable

12.5 Results of PBT and vPvB assessment

Not PBT and vPvB.

12.6 Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of by incineration or other suitable means under conditions approved by the local authority or via licensed waste disposal contractor.

Waste no time to be spilled to the environment and waterways.

Dispose of packaging or containers in accordance with local regional national and international regulations.



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SECTION 14 : TRANSPORT INFORMATION

14.1 UN number

Not classified as hazardous for transport. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.2 UN proper shipping name

Not classified as hazardous for transport. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.3 Transport hazard class(es)

Not classified as hazardous for transport. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.4 Packing group

Not classified as hazardous for transport. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.5 Environmental hazards

Not classified as hazardous for transport. (ADR/RID, ADNR, IMDG, ICAO/IATA)

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15 : REGULATORY INFORMATION

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

Applicable EU Directives and Regulations:

Regulation (EC) No 1907/2006 - REACH

Regulation No 1272/2008 – CLP (Regulation on classification, labelling and packaging)

Commission Regulation (EU) 2020/878

ECHA Guidance on the compilation of safety data sheets

15.2 Chemical safety assessment

There is no chemical safety assessment application.



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SECTION 16 : OTHER INFORMATION

Abbreviations and acronyms

ADR	: International Carriage of Dangerous Goods by Road
ADNR	: Carriage of Dangerous Goods by Inland Waterways
RID	: Regulations Relating to International Carriage of Dangerous Goods by Rail
IMDG	: International Maritime Dangerous Goods
ICAO-TI	: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IATA	: International Air Transport Association
ACGIH	: American Conference of Governmental Industrial Hygienists
ASTM	: American Society for Testing and Materials
CAS	: Chemical Abstracts Service
GHS	: Globally Harmonised System of Classification and Labelling of Chemicals
OEL	: Occupational Exposure Limit
TWA	: Time-Weighted Average
STEL	: Short term exposure limit
PBT	: Persistent, Bioaccumulative and Toxic
vPvB	: Very Persistent and very Bioaccumulative
MARPOL 73/78	: International Convention for the Prevention of Pollution From Ships

Wording of the H-statements in section 2 and 3:

None

Full text of other abbreviations

None

Revision Comments

Regulation change

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Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

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