

This Safety Data Sheet is "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" (Official Journal dated 13.12.2014 and numbered 29204) and "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" Prepared in accordance with (Official Journal No. 28848 and 11.12.2013).

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product Identifier

**Product name** MONEX 4T 20W40 MOTORCYCLE OIL

### 1.2 Use of the Substance/Mixture and Uses Not Recommended, if any

**Use** 4 stroke motorcycle oil

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

**Name** ÖZERŞAH ENERJİ VE PETROL ÜRÜNLERİ TİCARET VE SANAYİ LİMİTED ŞİRKETİ

**Address** Gebkim Kimyacılar Osb. Atatürk Bulv. No:4/a Dilovası / KOCAELİ

**Telephone** 0262 502 01 99

**Fax** 0262 502 01 97

**Web** www.monex.com.tr

**E-mail** ozersahenerji@gmail.com

**Related person** Fetullah ARVAS

### 1.4. Emergency telephone number

**ÖZERŞAH ENERJİ VE PET. ÜRÜN. TİC. VE SAN. LTD. ŞTİ. :** 0262 502 01 99

**National Poison Information Center (NPIC) :** 114

**Emergency Health Services :** 112

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification (28848 T.C.)

**Physical Harm** Not classified as harmful

**Hazard to Health** Not classified as harmful

**Environmental Hazard** Not classified as harmful

### 2.2 Label Elements

#### Labeling (28848 T.C.)

Labeling is not required. It is not classified as harmful.

**Hazard pictograms** Not classified as harmful.

**Warning Statement** None.

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**Hazard Statements** It is not classified as harmful.  
**Precautionary Statements** It is not classified as harmful..

### 2.3 Other Damages

#### Physical / Chemical Damages

The product is not in the class of flammable substances, but may ignite when exposed to sources of flame at a temperature above its flash point.

#### Health Hazards

It is not expected to cause any harm under normal use conditions. Repeated or prolonged contact may cause skin irritation. Used engine oils may contain dangerous ingredients that are likely to cause skin cancer.

Note: The test result of DMSO extract made by IP 346 method of one of the components was found below 3% (m/m). Therefore, it is exempt from the phrase carcinogen (H350).

#### Environmental Damages

The product is not expected to be hazardous to the environment.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

This material is not applied because it is arranged as a mixture.

### 3.2 Mixtures

Substance name	Cas No	EC No	Concentration %	Classification
Zinc alkyldithiophosphate	68649-42-3	272-028-3	1-5 %	H315-Skin irritation 2 H318-Serious Eye Damage/Eye Irritation 1 H411-Harmful to the Aquatic Environment-Chronic 2
Lubricating oils (petroleum) (Contains less than 3% DMSO extract)	74869-22-0	278-012-2	60 %	-
Ethylene Propylene Copolymer	9010-79-1		33 %	-

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Breathing

If there is irritation of the nose and throat or cough as a result of gas inhalation, the affected person should be moved to fresh air. If breathing stops, a breathing mask should be used. If symptoms persist, a doctor should be consulted.

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### **Swallowing**

Do not induce vomiting, rinse mouth thoroughly with water. Get emergency medical help.

### **Skin Contact**

Wash contact areas with soap and water. Remove contaminated clothing. Wash with plenty of water. When in doubt or when symptoms are observed, seek medical attention. Contact with hot product causes thermal burns.

### **Eye Contact**

Rinse with clean water for 10-15 minutes. If irritation occurs seek medical attention. Rinse with plenty of water, keeping eyelids open. If there is redness or pain, it should be checked by a doctor. In cases where medical assistance is required, take it to the hospital without delay.

### **4.2 Most important symptoms and effects, both acute and delayed**

Inhalation: May be irritating.

Skin Contact: Dryness and redness may occur on the skin.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion may cause nausea.

### **4.3 Early Signs for Medical Intervention and Special Treatment**

It is not expected to have a special medical device for emergency and special medical procedures in the workplace. Treatment is applied according to the symptoms.

## **5. FIRE FIGHTING MEASURES**

### **5.1 Fire Extinguishers**

#### **Suitable Fire Extinguishers**

To extinguish the fire; Extinguish with foam, carbon dioxide or dry powder.

#### **Unsuitable Fire Extinguishers**

Do not intervene directly with water.

### **5.2 Special Damages Caused by the Product**

As a result of combustion, poisonous, toxic and corrosive gases such as carbon dioxide, sulfur oxide, nitrogen oxide and carbon monoxide, carbon dioxide sulfur oxides, phosphorus oxides, metal oxides are formed.

### **5.3 Protective Equipment for Fire Fighters**

Fire Fighting Instructions: Evacuate area. Prevent the fire from spreading out of control or entering streams, sewers and drinking water networks. Cool containers exposed to flames with water until the fire is out. Just SPRAY water to cool containers!. Do not spray water on spilled material.

Care should always be taken to create an escape route in case of fire. Dry chemical, foam, water mist and carbon dioxide type fire extinguishers should be used for small fires. Water jets should not be used. The fire extinguisher should not be sprayed directly on the product storage area, and the spread of the product to

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the environment should be prevented. Indoor fires should be extinguished by trained personnel wearing protective clothing and oxygen masks.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Protective Measures

Appropriate protective equipment should be used to prevent contamination of skin, eyes and personal clothing. In case of fire, artificial respiration devices should be used. Do not smoke, do not use fire, do not use anything else igniting. Beware of slippery floors and surfaces in case of spillage. Use protective gloves and (if splash hazard) goggles/face shield. Avoid breathing vapors and contact with skin and eyes. Provide adequate ventilation.

### 6.2 Environmental Precautions

Avoid spreading to the environment. Avoid spilling into drains, waterways or soil. Place the container with the damaged side up to prevent it from coming out. In case of spills or uncontrolled discharges towards waterways, it is necessary to apply to the relevant and authorized local bodies IMMEDIATELY. Empty containers may contain residues that present the hazards of the product.

### 6.3 Collection and Cleaning Processes

Large spills: Stop leak if possible as long as there is no danger. DO NOT touch spilled material! Make a bund around the spill and remove sand, sawdust, etc. Collect with absorbent material. Collect spillage in container and hand over in accordance with local regulations for disposal after tightly sealing. Do not contaminate waterways or sewers. Notify authorities in case of large quantities. Small spills: Stop leak if possible provided there is no danger. Soak in vermiculite, dry sand or soil and put in boxes. Dispose of in accordance with local legislation under the supervision of authorized persons and through licensed waste disposal companies.

### 6.4 References to Other Sections

See chapters 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Conditions for Safe Handling

Good ventilation should be provided in the working environment and breathing the vapor formed during use should be avoided. Skin contact should be avoided and hygienic rules should be applied. Contact with eyes should be avoided. Goggles or a face mask should be used to avoid eye contact. Do not allow it to come into contact with soil, surface or ground water.

### 7.2 Conditions for Safe Storage, Including Incompatibilities

Storage containers or covers of containers should be made of mild steel or high-density polyethylene. Storage containers made of PVC should not be used. Polyethylene containers should not be exposed to high temperatures due to the risk of deformation and puncture. It is recommended to stack containers on a pallet and in a single row. Store in tightly closed original packaging in a dry and cool place. Protect from freezing and direct sunlight. Store between 0°C and 50°C in closed original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

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**EXPOSURE CONTROL LIMITS** There are no appropriate occupational exposure limits for this material.

## 8.2 Exposure Controls

### 8.2.1 Engineering Measures

Oil mist, mineral: STEL: 10mg/m<sup>3</sup> 15 minutes

Oil mist, mineral: TWA: 5mg/m<sup>3</sup> 8 hours

Short-Term Exposure Limit (STEL): Any 15-minute period of the working day according to current The National Institute for Occupational Safety and Health (NIOSH) regulations (NIOSH, 1992).

Time-Weighted Average (TWA): An 8-hour time-weighted average (29 CFR 1910.1000, Table Z-1) determined as a reference according to current Occupational Safety and Health Administration (OSHA) legislation.

### 8.2.2 Personal Protective Equipment

**Process Conditions** Provide eye wash facility.

**Technical Measures:** Comply with Operational Exposure Limits and reduce the risk of inhaling vapours. Provide adequate ventilation.

**Respirator:** In case of insufficient ventilation, use suitable respirator. Use a high-efficiency respirator with a suitable particle filter.

**Hand Protection:** Protective gloves should be used if there is a risk of direct contact or splashing. Gloves made of nitrile are recommended. Note that liquid can get inside the gloves. It is recommended to change gloves frequently.

**Eye Protection:** Wear safety goggles or a face shield if there is a risk of splashing.

**Other Protection Methods:** Wear steel-toed shoes.

**Health Precautions:** DO NOT SMOKE IN WORKING PLACES! Do not eat or drink or smoke during use. Wash your hands after contact. Immediately remove contaminated and non-waterproof clothing. Keep contaminated clothing separate and wash before reuse. After finishing work, remove contaminated clothing and wash skin thoroughly with soap and water.

**Skin Protection:** Wear apron.

## 9. PHYSICAL CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Characteristic
<b>Odor:</b>	No information available.
<b>pH:</b>	No information
<b>Resolution:</b>	No information available.
<b>Boiling Point</b>	Not available.
<b>Melting Point</b>	Not available.
<b>Flash point (ASTM D92)</b>	225 °C
<b>Density 15°C (ASTM D4052)</b>	0.890 g/cm <sup>3</sup>
<b>Viscosity 100°C (ASTM D445)</b>	12.5-16.3 cSt

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**Viscosity Index (ASTM D 2270)** 120  
**Pour point (ASTM D 97)** -25 °C

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

See subsections.

### 10.2 Chemical stability

Under normal conditions, the substance is stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

Avoid exposure to high heat or direct sunlight. Avoid frost. Avoid contact with strong oxidizers. Keep away from moisture.

### 10.5 Incompatible materials

Strong oxidizing preparations. Strong acids.

### 10.6 Hazardous decomposition products

It does not exist under normal conditions. Fire or high heat may cause formation of toxic and corrosive vapours. Things created by fire or high heat: Carbon dioxide, carbon monoxide, sulfur oxides, phosphorus oxides, metal oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxic effects

No data has been saved. The information given below is based on data on the toxicology of similar products.

**Breathing:** No irritation when used normally. Excessive inhalation of vapors may irritate the throat and respiratory system and cause coughing.

**Swallowing:** May cause discomfort if swallowed. Gastrointestinal disorders, including nausea, are the main symptoms.

**Skin Contact:** Not expected to cause skin irritation when used normally. Repeated exposure may cause skin dryness or cracking.

**Eye Contact:** No eye irritation is expected when used normally. Vapors from high temperatures may irritate the eyes.

**Health Warnings:** This product contains highly refined mineral base oils and special performance additives that are not classified as carcinogenic. The dimethyl sulfoxide (DMSO) extract test result of the mineral base oils used in the product, made with the IP 346 test method, is less than 3% by weight. Used Engine Oils are more dangerous than new engine oils. Used engine oils may contain dangerous ingredients that are likely to cause skin cancer.

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**Other Health Effects:** There is no data showing that the product or any ingredient in the product is carcinogenic, mutagenic, toxic to genetic material, or has chronic effects on human health.

**Route of Entry:** By inhalation, by ingestion, by skin contact, by eye contact.

**Target Organs:** Skin, eyes, respiratory system, lungs, gastrointestinal area.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

The product contains a substance(s) that are harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

### 12.2 Persistence and degradability

The biodegradability of the product is not high.

### 12.3 Bioaccumulative potential

The product contains substances with the potential to bioaccumulate.

### 12.4 Mobility in soil

The product is insoluble in water and spreads on the water surface. It can be absorbed by the soil and loses its mobility.

### 12.5 Other adverse effects

*Water Hazard Classification: N/A*

## 13. DISPOSAL INFORMATION

Waste should be treated as controlled waste. It may only be disposed of in a manner designated by local waste disposal authorities and at licensed waste disposal sites.

Dispose of garbage and waste in accordance with local authority rules. Must not seep into sewers, waterways or soil.

## 14. TRANSPORT INFORMATION

### 14.1 UN Number

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

There are no required transport warning signs.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental Damages

**Environmentally hazardous/marine pollutant**

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No.

#### 14.6 Special precautions for the user

Not applicable.

#### 14.7 Public transport according to Annex II of MARPOL 73/78 and the IBC code

Not applicable.

### 15. REGULATORY INFORMATION

**Risk Phrases:** NC Not classified.

**Safety Phrases:** NC Not classified.

### 16. OTHER INFORMATION

#### 16.1 Additional Information

The information on health, safety and environment in the Safety Data Sheet has been given by examining the reliable sources available at the time the form was prepared. While utmost care is taken to ensure the accuracy of the information, there is no guarantee of perfection or accuracy regarding the information contained in this document. The health, safety, and environmental recommendations contained in this document may not be adequate for all individuals and/or situations. It is the responsibility of the users to evaluate the material, to use it safely and to comply with the laws and regulations regarding the issues related to this use. The expressions used in this document shall not be construed as any permission, recommendation or license for the practice and work performed without a valid license. ÖZERŞAH ENERJİ VE PETROL ÜRÜNLERİ TİCARET VE SANAYİ LİMİTED ŞİRKETİ will not be held responsible for any damage and/or injury that may arise from abnormal use of the material, not following the recommendations or from the natural hazards of the material..

#### Key Information Resources

T.R. dated 26 December 2008 and reiterated number 27092. "Regulation on the Preparation and Distribution of Safety Data Sheets for Dangerous Substances and Preparations" published in the Official Gazette

#### Hazard Statements

H315-Skin irritation 2

H318-Serious Eye Damage/Eye Irritation 1

H411-Harmful to the Aquatic Environment-Chronic 2

H350-Carcinogen

#### 16.2 Prepared by

**Name Surname** : Şerife KAYA

**Document No** : TÜV / 01.230.05

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