

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 1.1 Product Identifier

**Product name** WOIL 50W MONOGRADE MOTOR OIL

### 1.2 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified Uses** MONOGRADE MOTOR 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.woil.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 (UZEM)** : 114

**Emergency Health Services** : 112

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification (28848 T.C.)**

**Physical and Chemical Hazards** Not classified as harmful.

**Human health** Not classified as harmful.

**environment** Not classified as harmful.

### 2.2 Label elements

**Labeling (28848 T.C.)**

No labeling required.

### 2.3 Other Hazards

No information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

This material is not applicable as it is arranged as a mixture

### 3.2 Mixtures

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Some substances are not classified according to the current legislation. Classification has been made by the manufacturer. According to IP 346, the DMSO rate is less than 3%.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General information

If discomfort persists, seek medical attention.

#### Inhalation

Move casualty to fresh air immediately. Wash nose and mouth with water. Seek medical attention if discomfort persists.

#### Ingestion

Never give anything by mouth to an unconscious person. Do not try to induce vomiting. Rinse mouth thoroughly with water. If discomfort persists, seek medical attention.

#### Skin contact

Move the casualty away from the source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. If discomfort persists, seek medical attention.

#### Eye contact

Remove any contact lenses and open eyelids wide. Continue washing for at least 15 minutes. Continue washing for at least 15 minutes. If discomfort persists, seek medical attention.

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

No specific symptoms known

### 4.3 First Signs for Medical Intervention and Special Treatment

No specific treatment has been recommended. Treat according to symptoms.

## 5. FIRE FIGHTING MEASURES

### 5.1 Fire Extinguishers

#### Suitable extinguishing tools

The product is not flammable. Extinguish the fire with the following materials: Foam, carbon dioxide or dry powder.

#### Unsuitable extinguishing tools

Direct Water Stream

### 5.2 Special Damages Caused by the Product

In cases where the concentration of dust in the air exceeds 10 mg/m<sup>3</sup>, protection against irritating dust must be provided. Carbon oxides. Nitrogen oxides.

### 5.3 Protective Equipment for Fire Fighters

#### Fire Fighting Instructions:

**Protective measures to be taken during fire extinguishing**

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Avoid breathing fire gases or vapours. Control running fire extinguishing water by limiting and preventing its entry into sewers and waterways.

#### **Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus and suitable protective clothing.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal Protective Measures**

Wear protective clothing as shown in Section 8 of this Safety Data Sheet.

#### **6.2 Environmental Precautions**

Avoid spilling into drains, watercourses or soil.

#### **6.3 Methods and material for containment and cleaning up**

If possible, stop the leak as long as there is no danger. Absorb with vermiculite, dry sand or soil and place in containers. Flush contaminated area with copious amounts of water. Avoid entry of spillage or runoff into drains, sewers or water bodies.

#### **6.4 Reference to other sections**

See section 8 for personal protection. See Chapter 13 for waste disposal.

### **7. HANDLING AND STORAGE**

#### **7.1 Conditions for Safe Handling**

**Usage precautions:** Avoid spilling. Avoid contact with eyes and skin.

#### **7.2 Conditions for Safe Storage, Including Incompatibilities**

**Storage precautions:** Store in tightly closed original packaging in a dry, cool and well-ventilated place.

#### **7.3 Specific End Uses**

Identified uses for this product are detailed in Section 1.2.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Control parameters**

No data.

#### **8.2 Exposure Controls**

##### **8.2.1 Engineering Measures**

No information.

##### **8.2.2 Personal Protective Equipment**



**Technical measures:** Provide adequate ventilation. Avoid breathing vapours. Observe the occupational exposure limit for the product and ingredients.

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**Eye/face protection:** If the risk assessment indicates the possibility of eye contact, eye protection conforming to an approved standard should be used. The following means of protection should be used: Chemical splash goggles or a face shield.

**Hand protection:** If the risk assessment indicates that skin contact is possible, chemical resistant, waterproof gloves complying with an approved standard should be used. Use protective gloves made of: Nitrile rubber. Polyvinyl chloride (PVC).

**Other skin and body protection:** Wear suitable clothing to avoid any skin contact.

**Health precaution:** Do not smoke in the working area. Wash your hands at the end of each shift and before eating, smoking and going to the toilet. In case of skin contamination, wash immediately. Remove contaminated clothing immediately. Use a suitable skin cream to prevent the skin from drying out. Do not eat, drink or smoke during use.

**Respirator system protection:** There are no recommended special storage measures. In case of excessive air pollution, respiratory protection may be required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical condition</b>	Liquid
<b>Color</b>	Characteristic
<b>Odor</b>	substance-specific
<b>pH</b>	No information
<b>Resolution</b>	No information
<b>Boiling point</b>	No information
<b>Melting point</b>	No information
<b>DMSO extract (for mineral oil only), IP-346:</b>	< 3 wt%
<b>Flash point (ASTM D92)</b>	220°C
<b>Density 15°C (ASTM D4052)</b>	0,890 g/cm <sup>3</sup>
<b>Viscosity 100°C (ASTM D445)</b>	16,3-21,9 cSt
<b>Viscosity Index (ASTM D 2270)</b>	95
<b>Pour point (ASTM D 97)</b>	-10°C

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

There are no known reactive hazards associated with this product.

### 10.2 Chemical stability

Under normal conditions, the substance is stable.

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions do not occur.

### 10.4 Conditions to avoid

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Avoid excessive heat for long periods of time. Avoid contact with strong oxidizing agents.

### 10.5 Incompatible materials

There is no particular substance or group of substances which, if reacted with the product, could pose a hazardous situation.

### 10.6 Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxic effects

**Inhalation:** High concentrations of gas or vapor may irritate the respiratory system. The following symptoms may occur after overexposure: Cough.

**Digitation:** May cause discomfort if swallowed.

**Skin contact:** The liquid may irritate the skin.

**Eye contact:** If vapor or spray gets into the eyes, it may cause irritation and burns to the eyes.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

It is not considered dangerous for the environment.

### 12.2 Persistence and degradability

Not determined.

### 12.3 Bioaccumulation potential

Not determined.

### 12.4 Mobility in soil

The product is immiscible with water and spreads on the water surface.

### 12.5 Results of PBT and vPvB Assessment

No information.

### 12.6 Other Adverse Effects

No information.

## 13. DISPOSAL CONSIDERATIONS

**General information:** The packaging must be empty (so as not to drip residue when turned upside down).

### 13.1 Waste Treatment Methods

Dispose of waste at a licensed waste disposal facility in accordance with the requirements of local Waste Disposal Authorities. The environmental officer should be informed of all major spills. Avoid entry of spillage or runoff into drains, sewers or water bodies.

## 14. TRANSPORT INFORMATION

### 14.1 UN Number

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Not applicable.

#### 14.2 UN proper shipping name

Not applicable.

#### 14.3 Transport hazard class(es)

Not applicable.

#### 14.4 Packing group

Not applicable.

#### 14.5 environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6 Special precautions for user

Not applicable.

#### 14.7 Transport in bulk according to Annex II of MARPOL/73/78 and the IBC code

Not applicable.

### 15. REGULATORY INFORMATION

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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**Guide**

Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Safety Data Sheet for substances and preparations.

### 16. OTHER INFORMATION

#### 16.1 Revision information

It is the first edit.

#### 16.2 Additional info

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. Whilst every care is taken with regard to the accuracy of the information, there is no guarantee of perfection or correctness of 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

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# MATERIAL SAFETY DATA SHEET

## WOIL SAE50 MONOGRADE



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