

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** HEXON 5W30 ENGINE OIL

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

**Identified Uses** FULL SYNTHETIC 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.hexon.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** Eyr Tah. 2- H319

**Environment** Not classified as harmful.

### 2.2 Label elements

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

**Hazard pictograms**



**Warning Statement** Attention!

**Hazard Statements:** H319 Causes serious eye irritation.

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### Precautionary Statements

- P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses if fitted and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

### 2.3 Other hazards

There is no other foreseen danger.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

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

### 3.2 Mixtures

Chemical Composition	CAS No	EC No	Concentration(%)	Classification
Distillates (Petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	64742-54-7	265-157-1	60-90	Asp. Tok. 1- H304
Bis(nonylphenyl)amine	36878-20-3	253-249-4	0,5-0,9	Aquatic Chronic 4/H413
Polyolefin polyamine succinimide, polyol	147880-09-9	604-611-9	1,0-2,0	4/H413
Zinc bis[O-(6- methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	93819-94-4	298-577-9	0,5-0,9	Skin Irrit. 2,H315 Eye Dam. 1/H318 Aquatic Chronic 2, H411
methacrylate copolymer	Proprietary	-	0,1-0,3	Eye Irrit.2,H319
Alkyl Methacrylate	Proprietary	-	0,001-0,003	Skin Irrit. 2,H315 Eye Irrit.2,H319 STOT SE 3,H335 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Comments on its composition

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

### Additional Information

The full text of the hazard statements is given in Section 16.

## 4. FIRST AID MEASURES

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#### 4.1 Description of first aid measures

##### General information

If discomfort persists, seek medical attention.

##### Inhalation

Move person to fresh air immediately. Wash nose and mouth with 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 Indication of any immediate medical attention and special treatment needed

No specific treatment is recommended. Treat according to symptoms.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Fire Extinguishers

**Suitable extinguishing tools:** The product is not flammable. Use an appropriate extinguishing material to surround the fire.

##### Unsuitable extinguishing agents

Do not use: Water.

#### 5.2 Special Damages Caused by the Product

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

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

Avoid breathing fire gases or vapours. Control running fire extinguishing water by limiting and preventing it from entering 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

Use the personal protective equipment in item 8. Wear protective clothing as shown in section.

#### 6.2 Environmental Precautions

Avoid spilling into drains, watercourses or soil.

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

##### Spill cleaning methods

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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 Chapter 8 for personal protective equipment. See Chapter 13 for disposal of spills.

### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

##### Usage precautions

Avoid spilling. Avoid contact with eyes and skin.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Storage precautions

Keep it tightly closed in its original packaging in a dry, cool and well-ventilated place.

Keep only in original container.

**Storage class:** chemical storage.

#### 7.3 Specific End Uses

No information.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

**Content notes** WEL = Workplace Exposure Limits

#### 8.2 Exposure Controls

##### 8.2.1 Engineering Measures

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

##### 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:** No special recommended storage measures. In case of excessive air pollution, respiratory protection may be required.

**Hand Protection:** If the risk assessment indicates that skin contact is possible, chemical resistant, waterproof gloves complying with an approved standard should be used.

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

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

**Skin Protection:** Wear suitable clothing to avoid any skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 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 % mg
<b>Flash point (ASTM D92)</b>	230 °C
<b>density 15°C (ASTM D4052)</b>	0,850 g/cm <sup>3</sup>
<b>Viscosity 100°C (ASTM D445)</b>	9,3-12,5 cSt
<b>Viscosity index (ASTM D 2270)</b>	165
<b>Pour point (ASTM D 97)</b>	-36 °C

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

There are no known reactive hazards associated with this product.

### 10.2 Chemical stability

It is stable at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

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

### 10.4 Conditions to avoid

No information.

### 10.5 Incompatible materials

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

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## 10.6 Hazardous decomposition products

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

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxic effects

**Inhalation:** Inhalation of mist or fumes may cause irritation of the eyes, nose and throat. The vapor of the hot product is irritating to the upper respiratory tract.

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

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

**Eye Contact:** Irritating to eyes.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

It is not considered dangerous for the environment.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulation potential

No data available.

### 12.4 Mobility in soil

**Mobility:** The product is immiscible with water and spreads on the water surface

### 12.5 Results of PBT and vPvB Assessment

No data available.

### 12.6 Other Adverse Effects

No available information.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

#### 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

Not applicable.

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

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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.

Safety Data Sheet for substances and preparations.

Approved Classification and Labelling Guide (Sixth edition) L131

### **16. OTHER INFORMATION**

#### **16.1 Revision information**

It is the first edit.

#### **16.2 Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child if swallowed.

H400 It is very toxic in the aquatic environment.

H410 Very toxic to aquatic life with long lasting effects.

H411 Long lasting, toxic effect in the aquatic environment.

H413 May cause long lasting harmful effects in the aquatic environment.

#### **16.3 Precautionary Statements**

P264 Wash contaminated skin thoroughly after handling.

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if fitted and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### 16.4 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 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, failure to follow the recommendations or the hazards inherent in the material.

#### 16.5 Prepared by:

**Full Name** : Şerife KAYA  
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