



## SAFETY DATA SHEET FULLMASTER 15W-40

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** FULLMASTER 15W-40

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

**Identified uses** Engine Oil. Please look at the Technical Data Sheet of the product for further information.

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

**Supplier** OPET FUCHS MADENİ YAĞ SAN. ve TİC. A.Ş.  
Atatürk Organize Sanayi Bölgesi 10006 Sok.  
No:12 35620 Çiğli/İZMİR  
Tel: +90 232 376 78 38  
Fax: +90 232 376 78 39

#### 1.4. Emergency telephone number

**Emergency telephone** UZEM (National Poison Consultancy Center): 114  
Emergency Health Service:112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
P273 Avoid release to the environment.  
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 present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P501 Dispose of contents/ container in accordance with national regulations.

#### 2.3. Other hazards

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Mineral oil</b>	<b>1-5%</b>
CAS number: —	
<b>Classification</b> Asp. Tox. 1 - H304	
<b>zinc dialkyl dithiophosphate</b>	<b>1-5%</b>
CAS number: 68457-79-4                      EC number: 270-608-0	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	
<b>p-Dodecylphenol,branched</b>	<b>&lt;1%</b>
CAS number: 121158-58-5                      EC number: 310-154-3	
M factor (Acute) = 1                              M factor (Chronic) = 10	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361f Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The full text for all hazard statements is displayed in Section 16.

#### Composition comments

Note L: The product contain special performance additives and base oils which are considered to be severely refined and not considered to be carcinogenic. All of the base oils in the product have been demonstrated to contain less than 3% (w/w) dimethyl sulfoxide extract by the IP 346 test.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Not expected to give rise to an acute hazard under normal conditions of use.
<b>Inhalation</b>	Remove affected person from source of contamination and immediately take outside to fresh air. Consult a doctor if any discomfort continues.
<b>Ingestion</b>	Remove affected person from source of contamination. Get medical attention immediately. Do not induce vomiting unless under the direction of medical personnel.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention.
<b>Eye contact</b>	Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Rinse cautiously with water for several minutes.

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

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<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	Symptomatic treatment should be applied. In case of excessive inhalation of the product vapor may lead to lung inflammation (chemical pneumonitis). Dermatitis may result from prolonged or repeated exposure.
<b>Specific treatments</b>	Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use Film-Making Foam Concentrate (A.F.F.F.) to extinguish the burning product. If not available, extinguish with dry chemical powder due to the size of fire. If the product is in pressurized container, cool with water spray jet.
<b>Unsuitable extinguishing media</b>	During a fire, DO NOT extinguish by applying pressurized water and water jet directly on the burning product. Use water fog to cool down.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	In case of fire, toxic and corrosive gases may be formed. These gases: Carbondioxide,carbon monoxide,sulphur oxides,phosphorus oxides,metal oxides This product is not explosive.
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### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	In case of fire, shut off flow if it can be done without risk. Stop leak if safe to do so. Move undamaged containers from fire area if it can be done without risk. Prevent the burning product from entering into drainage system to avoid release of the product. To prevent spreading of the product build-up binders or barriers by using non-burning material such as sand. Use air-supplied respirators to protect against gases/fumes in case of fire-fighting.
<b>Special protective equipment for firefighters</b>	Fire-fighting should be done by trained personnel. Special protective full-clothing, air-supplied respirator, gloves and protective goggles should be worn. Dry chemical sand used for fire extinguishing and other fire extinguishing equipment should meet the national and international standards.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	In case of spills, beware of slippery floors and surfaces. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. For personal protection, see Section 8. Do not smoke,use open fire or other sources of ignition. Wear protective gloves and (in case of splashes) goggles/face shield too.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Avoid release to the environment. Avoid discharge into drains,water courses or onto the ground. To prevent release,place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to local appropriate regulatory body. Empty container contains product residue which may exhibit hazards of product.
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### **6.3. Methods and material for containment and cleaning up**

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### Methods for cleaning up

Large Spillages: Stop leak if possible without risk. DO NOT touch spilled material! Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses. Inform authorities if large amounts are involved. Small Spillages: Stop leak if possible without risk. Dam and absorb spillage with sand, sawdust or other absorbent. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Provide adequate ventilation. Container must be kept tightly closed when not in use. Protect against direct sunlight. Avoid spilling, skin and eye contact. Avoid eating, drinking and smoking when using the product. Persons susceptible to allergic reactions should not handle this product.

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

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight. Store in closed original container at temperatures between 0°C and 50°C.

#### Storage class

Not special storage precautions required.

### 7.3. Specific end use(s)

#### Usage description

For containers or container linings, use mild steel or high density polyethylene (HDPE). For containers or container linings, avoid PVC. Polyethylene containers should not be exposed to high temperatures because of possible risk distortion.

#### SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Ingredient comments

No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. Provide adequate ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. Use thin cotton gloves inside the rubber gloves if allergy risk.

#### Other skin and body protection

Wear steel toe-cap shoes. Wear an apron.

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<b>Hygiene measures</b>	Provide eyewash station. Do not smoke in work area. Wash hands after contact. Promptly remove non-impervious clothing that becomes contaminated. Contaminated clothing should be placed in a closed container for disposal or decontamination. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: High-efficiency particulate filter.
<b>Environmental exposure controls</b>	STEL: 10mg/m <sup>3</sup> 15 minutes. Form: Oil mist, mineral TWA: 5mg/m <sup>3</sup> 8 hours. Form: Oil mist, mineral Short-Term Exposure Limit (STEL). The National Institute for Occupational Safety and Health (NIOSH, 1992). Time-Weighted Average (TWA). Occupational Safety and Health Administration (OSHA, 29 CFR 1910.1000, Table Z-1).

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear Liquid
<b>Colour</b>	Brown.
<b>Odour</b>	Mild, oily.
<b>Flash point</b>	230 °C
<b>Bulk density</b>	0,889 kg/l
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not known.
<b>Auto-ignition temperature</b>	Not self-ignited
<b>Viscosity</b>	165.0 mm <sup>2</sup> /sn (Viskozite 40°C)
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Values are typical. These values may be variable within the product specification.

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	None known.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures. Mixing with any other material.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not relevant.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid freezing. Avoid contact with strong oxidising agents. Avoid exposure to high temperatures or direct sunlight. Keep away from moisture.
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### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Heating may generate the following products: Toxic and corrosive gases or vapours. Thermal decomposition or combustion products may include the following substances: Carbondioxide,carbon monoxide,sulphur oxides,phosphorus oxides,metal oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No data recorded.

**Other health effects** No data available to indicate product or any components are carcinogenic,mutagenic,genotoxic,and chronic health hazards.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Mevcut özel test verisi yoktur.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

#### Respiratory sensitisation

**Respiratory sensitisation** No specific test data are available.

#### Skin sensitisation

**Skin sensitisation** No specific test data are available.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** No specific test data are available.

#### Carcinogenicity

**Carcinogenicity** No specific test data are available.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No specific test data are available.

**Reproductive toxicity - development** Mevcut özel test verisi yoktur.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** No specific test data are available.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No specific test data are available.

#### Aspiration hazard

**Aspiration hazard** No specific test data are available

### **General information**

Information given is based on a knowledge of the components and the toxicology of similar products.

#### **Inhalation**

Not expected to cause irritation. Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

#### **Ingestion**

May cause discomfort if swallowed. The main symptoms are gastrointestinal ailments, including upset stomach.

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<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Acute and chronic health hazards</b>	The product contain special performance additives and mineral base oils which are considered to be severely refined and not considered to be carcinogenic. All of the base oils in the product have been demonstrated to contain less than 3% (w/w) dimethyl sulfoxide extract by the IP 346 test. USED OILS are more dangerous than new oils. Used oils may contain hazardous components which have the potential to cause skin cancer.
<b>Route of entry</b>	Inhalation,ingestion,skin,eye contact.
<b>Target organs</b>	Skin,eyes,respiratory system,lungs,gastro-intestinal tract.
<b>Medical symptoms</b>	This product contains para-dodecylphenol. Rats given high, repeated daily doses of para-dodecylphenol by oral intubation experienced adverse reproductive effects. The relevance of these effects to humans is uncertain.
<b>Medical considerations</b>	This product contains para-dodecylphenol. Pregnant rats given high, pepeated daily doses of para-docecyphenol by oral intubation gave birth to pups with cleft palate and skeletal malformations. The relevance of these effects to humans is uncertain.

### SECTION 12: Ecological Information

<b>Ecotoxicity</b>	Harmful to aquatic life with long lasting effects.
<b><u>12.1. Toxicity</u></b>	
<b>Toxicity</b>	There is no specific test data available
<b><u>12.2. Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	There are no data on the degradability of this product.
<b><u>12.3. Bioaccumulative potential</u></b>	
<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	Not known.
<b><u>12.4. Mobility in soil</u></b>	
<b>Mobility</b>	The product is insoluble in water and will spread on the water surface. It may absorbed by soil and will not be mobile.
<b><u>12.5. Results of PBT and vPvB assessment</u></b>	
<b>Results of PBT and vPvB assessment</b>	There is no specific test data available.
<b><u>12.6. Other adverse effects</u></b>	
<b>Other adverse effects</b>	Not known.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

<b>General information</b>	Empty packages and wastes produced after the usage of the product should be taken under control according to the current environmental regulations. Unless otherwise noted all wastes should be evaluated as hazardous waste.
<b>Disposal methods</b>	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

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**Waste class** 13 02 06\*Synthetic engine, gear and lubricating oils  
13 02 08\*other engine, gear and lubricating oils

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 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 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### SECTION 15: Regulatory information

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

##### **EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives until 2004/73/EC (31. ATP) and the Ordinance on Hazardous Materials. The concentrations of the dangerous compounds, which are possibly specified under point 3, are not above the value for classification. Local regulations must be kept.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information



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<b>General information</b>	All ingredients are listed in the European Inventories. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This data sheet is a safety data sheet according to 91/155/EU. For products which are not subject to classification according to EU lists this data sheet is made on a voluntary base.
<b>Key literature references and sources for data</b>	December 13, 2014, No. 29204, "the Ministry of Environment and the Ministry of Urban Development Related to Safety Data Sheets on Hazardous Substances and Mixtures Direction"
<b>Revision comments</b>	This document is first issue.
<b>Issued by</b>	AYŞEGÜL SÜER MSc. R&D Engineer Certified by NBC for MSDS (Certificate No: 01.42.05) Opet Fuchs Madeni Yağ Sanayi ve Ticaret A.Ş. AOSB Mustafa Kemal Bulvarı No:12 35620 Çiğli/İZMİR E-Mail: Aysegul.SUER@opetfuchs.com.tr
<b>Revision</b>	0
<b>Supersedes date</b>	30/05/2017
<b>SDS number</b>	OPET.GBF.9024
<b>Hazard statements in full</b>	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H361f Suspected of damaging fertility. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet. OPET FUCHS MADENİ YAĞ SAN. VE TIC. A.Ş. shall not be responsible for any injury or damage resulting from the abnormal use of the product, recipient assumes all such risks.