



# SAFETY DATA SHEET

## HYDRO OIL HD 100

Prepared according to Annex II of EC regulation 1907/2006

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** HYDRO OIL HD 100

**SUPPLIER** OMV PETROL OFİSİ A.Ş.  
Ayazağa Eski Büyükdere Cad.  
No:33-37 B Blok 34398  
Maslak-Istanbul/TURKEY  
Tel: +90 212 329 1500  
Fax: +90 212 329 1896  
www.poas.com.tr  
info@poas.com.tr

**PRODUCT NO.** 22127

**APPLICATION** Industrial oil

**EMERGENCY TELEPHONE** POAŞ: +90 212 329 1845 (office hours)

### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### ENVIRONMENT

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

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name                                                                                          | EC No.    | CAS-No.    | Content | Classification (67/548)   |
|-----------------------------------------------------------------------------------------------|-----------|------------|---------|---------------------------|
| Alkyl phenol                                                                                  |           |            | < 1%    | N;R50/53.                 |
| Calcium alkaryl sulfonate                                                                     |           |            | < 1%    | Xi;R36/38.                |
| Calcium long chain alkylphenate sulfide                                                       |           |            | < 1%    | R53.                      |
| HYDROCARBONS, C20-50, SOLVENT<br>DEWAXED HEAVY PARAFFINIC,<br>HYDROTREATE (DMSO<3% by IP 346) | 292-617-9 | 90640-95-2 | 90-100% | -                         |
| Phenol 4-dodecyl                                                                              |           |            | < 1%    | Repr. Cat. 3;R62. Xi;R38. |
| Zinc alkylthiophosphate                                                                       | 272-028-3 | 68649-42-3 | < 1%    | Xi;R38,R41. N;R51/53.     |

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Some substances are not classified by legislation. They are self classified by the manufacturer. The DMSO extract by IP 346 of the oil is less than 3%

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

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## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours.

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                  |                    |           |               |
|------------------|--------------------|-----------|---------------|
| APPEARANCE       | Liquid             |           |               |
| COLOUR           | Yellow             |           |               |
| ODOUR            | Characteristic.    |           |               |
| RELATIVE DENSITY | 0,89 g/ml 15       | VISCOSITY | 90-110 cSt 40 |
| FLASH POINT (°C) | 242 OC (Open cup). |           |               |

# HYDRO OIL HD 100

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidisers.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

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

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

### INGESTION

May cause discomfort if swallowed.

### SKIN CONTACT

Liquid may irritate skin.

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

### MOBILITY

The product is miscible with water. May spread in water systems.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

### GENERAL

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

No transport warning sign required.

### ROAD TRANSPORT NOTES

Not Classified

### RAIL TRANSPORT NOTES

Not classified.

### SEA TRANSPORT NOTES

Not classified.

### AIR TRANSPORT NOTES

Not classified.

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

NC Not classified.

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## 16 OTHER INFORMATION

# HYDRO OIL HD 100

## REVISION COMMENTS

Company name changed

## ISSUED BY

Certificated from the Turkish Standards Institute (TSE) to prepare Safety Data Sheet (Certificate no: SDS - 0397)

**REVISION DATE** 17.06.2011

**DATE** 20.08.2010

## RISK PHRASES IN FULL

|        |                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------|
| NC     | Not classified.                                                                                  |
| R36/38 | Irritating to eyes and skin.                                                                     |
| R38    | Irritating to skin.                                                                              |
| R41    | Risk of serious damage to eyes.                                                                  |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.      |
| R53    | May cause long-term adverse effects in the aquatic environment.                                  |
| R62    | Possible risk of impaired fertility.                                                             |

## DISCLAIMER

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