



# SAFETY DATA SHEET

## HI-THERMO 850

Prepared according to Annex II of EC regulation 1907/2006

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

<b>PRODUCT NAME</b>	HI-THERMO 850
<b>SUPPLIER</b>	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
<b>PRODUCT NO.</b>	45103
<b>APPLICATION</b>	Grease
<b>EMERGENCY TELEPHONE</b>	POAŞ: +90 212 329 1845 (office hours)

### 2 HAZARDS IDENTIFICATION

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

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Alkyl phosphate			< 1%	C;R34.
Hydrogenated tallow alkyl (dimethyl, salt with bentonite)	273-219-4	68953-58-2	10-30%	-
Long chain alkenyl amine			< 1%	Xn;R22. C;R35. N;R50.
Long chain alkyl amine			< 1%	T;R23/24. Xn;R22,R48/20. C;R34. N;R50/53. R43.
PROPYLENE CARBONATE	203-572-1	108-32-7	1-5%	Xi;R36

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

#### GENERAL INFORMATION

Get medical attention if any discomfort continues.

#### 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.

# HI-THERMO 850

## 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. Fire can be extinguished using: Carbon dioxide (CO2). Foam. Dry chemicals.

### SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them. 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

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

### 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

Reddish.

# HI-THERMO 850

**MELTING POINT (°C)**

Damlama Noktası  
(Dropping Point):  
Damlamaz(Not  
dropped)

**VISCOSITY**

İşlenmiş  
Penetrasyon(Worked  
Penetration): 310-340  
25

## 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time.

**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.

## 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**

P13 Safety data sheet available for professional user on request.

P14 Contains Long chain alkyl amine. May produce an allergic reaction.

**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

# HI-THERMO 850

## INFORMATION SOURCES

This SDS is prepared based on the information received from raw material suppliers.

## 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** 13.06.2011

**DATE** 30.04.2011

## RISK PHRASES IN FULL

R34	Causes burns.
R35	Causes severe burns.
R22	Harmful if swallowed.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R23/24	Toxic by inhalation and in contact with skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms.

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.