

## Hydrolube Hlp 46

### IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ DISTRIBUTOR

1.1. **Product name:** Hydrolube Hlp 46

1.2. **Relevant identified uses of the substance or mixture and uses advised against:** Hydraulic System Oil

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

**Company name:** Lubrico Petrokimya A.Ş.

**Address:** İnönü Mahallesi Gebze Plastikçiler Organize Sanayi Bölgesi 2. Cadde 11. Sok. No:9 Gebze/KOCAELİ/TÜRKİYE

**Phone:** +90 262 502 15 43

**Fax:**+90 262 502 15 46

**e-mail:** [info@lubrico.com.tr](mailto:info@lubrico.com.tr)

1.4. **Emergency phone**

**National Poison Information Center:** 114

### 2. HAZARDS IDENTIFICATION

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

Not classified as dangerous. (EC Regulation 1272/2008)

2.2. **Label Elements**

There is no label element. (EC Regulation 1272/2008)

2.3. **Other hazards**

Not harmful to aquatic organisms.

2.4. **Environmental Hazards**

Not harmful to aquatic organisms.

### 3. COMPOSITION / INFORMATION ABOUT INGREDIENTS

A mixture of base oil and performance additives.

Chemical Composition	CAS NO.	EINECS No	REACH No	Concentration (%)	CLP Classification
Lubricating oils (petroleum), base oils; undefined	74869-22-0	278-012-2	01-2119495601-36-0017	99,84%	-
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7	01-2119487077-29	0,11%	H304
Medium- and long-chain alkyl methacrylates copolymer	-	-	-	0,05%	H319

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

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information;** In all suspicious cases and if symptoms are present, consult a doctor. If unconscious, place in stable side position and seek medical advice. Remove soiled and wet clothing immediately.

**In case of inhalation;** Move affected persons to fresh air and keep them warm and calm.

**In case of skin contact;** In case of contact with skin, wash immediately with plenty of soap and water.

**In case of contact with eyes;** In case of contact with the eyes, clean the eye with plenty of water and then see an ophthalmologist immediately.

**If swallowed;** If swallowed, rinse mouth with water (only if the person is conscious.) Drink plenty of water in small portions (dilution effect). Call a doctor right away. Do not induce vomiting.

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

In all suspicious cases and if symptoms are present, consult a doctor.

### 4.3. Indication of need for medical attention and special treatment

No information available.

## 5. FIRE FIGHTING MEASURES

### 5.1. Fire Extinguishers

Foam, dry chemical and water spray should be used for small-scale fires. Should call fire department for large fire.

### 5.2. Special Hazards Caused by Substances and Mixtures

Toxic gases are released after Combustion. These gases give rise to poisoning by inhalation. May burn at high temperatures

### 5.3. Recommendations for Fire Fighting Teams:

Fire should be extinguished by trained personnel and should use protective clothing and oxygen mask. Do not intervene fire with water.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment from item 8. Stand upwind from the release site. It may be cause to react the product away from the equipment environment (flame sources, chemical etc.). Notify the emergency team.

### 6.2. Environmental Measures

For small spills, throwing sand on the oil to be absorbed. Thereafter, it should be placed in a package liquid-tight with a paddle for disposal. In large-scale spills to prevent oil from contaminating the environment, the set should be done with sand and sawdust or ditch should be dug. In such cases, the competent authorities should be informed immediately after the first intervention.

### 6.3. Methods and materials to maintain and Clean:

Absorb the spilt product with absorbent or inert material. Waste material should be stored in closed and sealed containers. Hand over for disposal to legal entities for hazardous waste disposal, authorized by the Ministry in charge of environmental protection. Do not clean with water.

### 6.4. Other Partitioning Citations:

In case of larger spills, notify the communication unit at 112.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling:

Product keep in a well-ventilated place and in closed containers. Keep away from fire and heat sources. Avoid contact with skin and eyes.

### 7.2. Conditions for Safe Storage Dispute Involving:

Keep away from food products such as food and drink. Keep it closed in its original container. It is recommended that the storage temperature be between 5°C and 40°C. Do not leave in direct sunlight and high temperature. Avoid contact with water and high oxidants. It is resistant to hydrocarbons.

### 7.4. Specific end uses

Pay attention to the technical data sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

See item 7.

### 8.2. Exposure Controls

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#### 8.2.1. Appropriate engineering controls

Ensure good ventilation of the environment.

#### 8.2.2. Personal Protective Equipment



**Respiratory protection:** During regular work, respiratory protective equipment is not required. In special cases (e.g. spills), use full face protective mask and in case of fire, use a self-contained pressurized air breathing apparatus.

**Hand protection:** Gloves made of PVC or neoprene, resistant to oils, greases, alkali and acids.

**Eye protection:** Protective goggles with side protection or protective visor.

**Skin and body protection:** Should be used long-sleeved protective clothes and footwear.

**Special hygienic and safety precautions:** Smoking, eating and drinking is prohibited while handling this product. Wash hands before each work break.

**Additional warnings:** Contaminated clothes and shoes should be removed immediately and contact the area should be cleaned immediately.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical properties

State	liquid	Color	Yellow	Odor	Characteristic
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### Chemical properties

TEST	UNIT	TEST METHOD	TYPICAL VALUES
Density ,@ 15 oC	g/cm 3	ASTM 4052	0,879
K. Viscosity,@ 40 oC	cSt	ASTM D 445	41,4-50,6
Viscosity Index		ASTM D 2270	100
Flash Point	oC	ASTM D 92	235
Pour Point	oC	ASTM D 97	-25

## 10. STABILITY AND REACTIVITY

### 10.1. Reaction

No information available.

### 10.2. Chemical Stability

No information available.

### 10.3. Chance of Hazardous Reactions

None.

### 10.4. Conditions to Avoid

Avoid contact with high temperatures, ignition sources and direct sunlight.

### 10.5. Materials to avoid

Avoid contact with water and strong oxidants.

### 10.6. Hazardous decomposition products

No information available.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxic effects

**Skin corrosion / irritation;** Prolonged or repeated contact with the skin can cause irritation.

**Serious eye damage / irritation;** Contact with the eyes can cause temporary blindness and eyes irritation.

**Respiratory or skin sensitization;** When fog or smoke inhalation can irritate the eye, nose and throat. Hot steam is the product of irritating the upper respiratory tract.

**Swallowed;** It may cause nausea and diarrhea.

**Germ cell mutagenicity;** Based on the available information, classification criteria is not fulfilled.

**Carcinogenicity;** Based on the available information, classification criteria is not fulfilled.

**Reproductive Toxicity;** Based on the available information, classification criteria are not fulfilled.

**Specific Target Organ Toxicity- single exposure;** Based on the available information, classification criteria is not fulfilled.

**Loss of aspiration;** Based on the available information, classification criteria is not fulfilled.

**LD50, Acute Toxicity Estimates or LC50;** Based on the available information, classification criteria is not fulfilled.

### Other observations

In case of compliance with general safety and industrial hygiene, not a hazard to the health of the staff during working with this product.

## 12. ECOLOGICAL INFORMATION

**12.1. Toxicity;** Does not harm the aquatic life forms. Spills make film layer on water and prevent oxygen transfer.

**12.2. Persistence and degradability;** Biodegrades itself.

**12.3. Bioaccumulation potential;** Interest is not expected for bio-accumulation through food chains.

**12.4. Mobility in soil;** Spilled product causes pollution in surface waters penetrate the soil.

**12.5. Results of PBT and vPvB Assessment;** No data available.

**12.6. Other Adverse Effects;** It has the ability to accumulate in the soil.

## 13. DISPOSAL INFORMATION

According to current regulations for disposal by a licensed institution to be delivered to authorized persons. Used product, packing or wastes should never be released into the environment. **13.1 Atık**

### Processing Methods

Waste and used packaging must be disposed of in accordance with official regulations. It should be prevented from mixing with surface and underground waters, drinking water sources, standing and running water, and sewerage.

### 13.2 Safe Disposal

It must be disposed of by qualified licensed personnel in accordance with official regulations.

### 13.3 Additional info

National and international legislation on waste should be consulted.

## 14. TRANSPORT INFORMATION

### 14.1. UN Number

### 14.2. UN proper shipping name

### GENERAL

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

### Land transport (ADR / RID)

Transportation is not dangerous. It not classified as hazardous for transport.

### Marine transport (IMDG)

Transportation is not dangerous. It not classified as hazardous for transport.

### Air transport (ICAO)

Transportation is not dangerous. It not classified as hazardous for transport.

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for the user

### 14.7. Public transport according to Annex II of Marpol 73/78 and the IBC code

## 15. REGULATORY INFORMATION

The content and format is in accordance with Regulation (EU) No.1907/2006 (REACH) and (EU) No. Regulation 1272/2008 (CLP).

## 16. OTHER INFORMATION

### Symbol(s)

### H full text of sentences

H315—Causes skin irritation

H318—Causes serious eye damage

H411--- Toxic to aquatic life with long lasting effects

The items in the Product Safety Data Sheet have been published in line with the information we currently have, and it is aimed to define the products in terms of health, safety and environmental conditions. The product is basically defined in the safety data sheet. Data and recommendations are valid for the application or applications specified in this product when sold. This product should not be used for any purpose other than the specified application or applications without consulting us. The responsibility of all precautions to be taken regarding the use of the product belongs to the user. The accuracy or completeness of the data in this information form is not directly or indirectly guaranteed or guaranteed.