

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC****1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC

Internal identification API GL 4

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

Identified uses Gear oil

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

Company name Rchemie International Kimya San. Ve Tic. Ltd. Şti.

Address Tepeören İTOSB Mah. 8. Cad. No:10 Tuzla/İstanbul

Tel +90 216 504 61 77

Fax +90 216 504 61 79

E-mail [www.olarlubricants.com](http://www.olarlubricants.com)

**2. Hazards Identification****2.1. Classification of the substance or mixture**

Physical hazards Not classified

Health hazards Not classified

Environmental hazards Not classified

Classification (67/548/EEC/  
or 1999/45/EC) -

**2.2. Label Elements**

Hazard statements EUH208 Contains Long-chain alkyl amine. May produce an allergic reaction.

**3. Composition/information on ingredients**

# OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC

## 3.2. Mixtures

LUBRICATING OILS (PETROLEUM), C20-50, HYDROTREATED NEUTRAL OIL-BASE (Note L) CAS number: 72623-87-1      EC number: 276-738-4	80-95%
<b>Classification</b> Not Classified	
<b>Alkyl phosphate</b> CAS number: —	<1%
<b>Classification</b> Skin Corr. 1B - H314	
<b>Long chain alkenyl amine</b> CAS number: — M factor (Acute) = 1	<1%
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1A - H314 Aquatic Acute 1 - H400	

## 4. First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC****4.2. Most important symptoms and effects, both acute and delayed**

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

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

Notes for the doctor	No specific recommendations.
----------------------	------------------------------

**5. Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
------------------------------	---

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

Specific hazards	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> .
------------------	--

**5.3. Advice for firefighters**

Protective actions during firefighting	Avoid breathing fire gases or vapours. Fight fire from safe distance or protected location. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

**6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC**

---

<b>Personal precautions</b>	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
-----------------------------	--

**6.2. Environmental precautions**

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground. Avoid or minimise the creation of any environmental contamination. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
----------------------------------	---

**6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. For waste disposal, see Section 13.
--------------------------------	---

**6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.
------------------------------------	--

---

**7. Handling and storage**

---

**7.1. Precautions for safe handling**

<b>Usage precautions</b>	Avoid spilling. Avoid contact with eyes.
--------------------------	--

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

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
----------------------------	---

**7.3. Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
----------------------------	---

# OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC

## 8. Exposure Controls/personal protection

### 8.1. Control parameters

Occupational exposure limits  
 No data available.

### 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.

#### Other skin and body protection

Min.250 °C

#### Hygiene measures

Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated. When using do not drink or smoke. Contaminated clothing should be placed in a closed container for disposal or decontamination.

#### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC****9. Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

Appearance	Liquid.
Flash point	210 °C
Bulk density	0,851 g/cm <sup>3</sup> @15°C (ASTM D 4052)
Viscosity	8,00-9,20 mm <sup>2</sup> /s @ 100°C

**9.2. Other information**

Other information	Not available.
-------------------	----------------

**10. Stability and reactivity****10.1. Reactivity**

Reactivity	There are no known reactivity hazards associated with this product.
------------	---

**10.2. Chemical Stability**

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
-----------	---

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions	Will not polymerise.
------------------------------------	----------------------

**10.4. Conditions to avoid**

Conditions to avoid	Avoid excessive heat for prolonged periods of time.
---------------------	---

**10.5. Incompatible materials**

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
--------------------	--

**10.6. Hazardous decomposition products**

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC**

---

**Hazardous decomposition** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).  
products

---

**11. Toxicological information**

---

**11.1. Information on toxicological effects****Acute toxicity - dermal**

ATE dermal (mg/kg) 2,400,000.0

**Acute toxicity - inhalation**

ATE inhalation 800,000.0  
(gases ppm)

ATE inhalation 4,000.0  
(vapours mg/l)

ATE inhalation 400.0  
(dusts/mists  
mg/l)

**Germ cell mutagenicity**

**Genotoxicity - in vitro** No information available.

**Genotoxicity - in vivo** No information available.

**Carcinogenicity**

**Carcinogenicity** No information available.

**Reproductive toxicity**

**Reproductive toxicity** No information available.  
- fertility

**Reproductive toxicity –** No information available  
**development**

**Specific target organ toxicity - single exposure**

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC**

**STOT - single exposure** No information available.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated  
Exposure** No information available.

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information****12.1. Toxicity**

**Ecotoxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**12.2. Persistence and degradability**

**Persistence and  
degradability** There are no data on the degradability of this product.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**12.4. Mobility in soil**

**Mobility** The product is partly miscible with water and may spread in the aquatic environment.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB** This product does not contain any substances classified as PBT



# OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC

assessment or vPvB.

## 12.6. Other adverse effects

Other adverse effects No information required.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**General information** The packaging must be empty (drop-free when inverted).

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.  
 Environmental Manager must be informed of all major spillages.  
 Avoid the spillage or runoff entering drains, sewers or watercourses.

## 14. Transport information

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

**14.2. UN Number** Not applicable

**14.3. UN proper shipping name** Not applicable

**14.4. Transport hazard class** No transport warning sign required.

**14.5. Packing group** Not applicable

### 14.6. Environmental hazards

**Environmentally hazardous substance/marine pollutant** No

**14.7. Special precautions for user** Not applicable.

**OLAR GEGA HG-TEC SMT 75W80 GL-4 SEMI SYNTHETIC****14.8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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**

**Guidance**

Workplace Exposure Limits EH40.  
CHIP for everyone HSG228.  
Safety Data Sheets for Substances and Preparations.  
Approved Classification and Labelling Guide (Sixth edition) L131.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**16. Other information**

**Key literature references and sources for data**

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

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.