



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 1/(16)

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

1.1 Product identifier:

**MOL Hykomol LS 85W-90 limited slip gear oil**

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

Relevant identified uses: automotive gear oil

Uses advised against: application other than the above.

1.3 Details of the supplier of the safety data sheet:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 34 526 330 / +36 34 526 391

E-mail: kenoanyag@mol.hu

Request SDS of:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

Customer Service Center

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 80 201 296 / +36 34 348 010

Responsible for SDS:

MOL LUB Kft.

Tel: +36 80 201 296

E-mail: EBKHelpdesk@MOL.hu

1.4 Emergency telephone number

Emergency telephone (07-15<sup>20</sup> h): +36 34 526 210 (CET) on workdays

Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián st. 2-6.)

Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary).

+36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad)

National Health Toxicological Information Service:

### SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Hazard Class and Category:

Aquatic Chronic 2

Hazard statement:

H411

Toxic to aquatic life with long lasting effects.



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 2/(16)

### 2.2 Label elements

Product identification: Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Hazardous components: -

GHS Pictogram:



Signal word:

Hazard statement:

**H411** Toxic to aquatic life with long lasting effects.

Supplemental hazard information:

**EUH208** Contains Reaction products of bis(4-methylpentan-2-yl) dithiophosphoric acid with phosphorous oxide, propylene oxide and amines, C12-C14 alkyl(branched) and Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. May produce an allergic reaction.

Precautionary statements – General: -

Precautionary statements – Prevention:

**P273** Avoid release to the environment.

Precautionary statements – Response:

**P333 + P313** If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements – Storage: -

Precautionary statements – Disposal:

**P501** Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger: Not required.

Transport classification: see section 14.

### 2.3 Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006, at a concentration of 0.1% or more.

The mixture does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.



# SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 3/(16)

## SECTION 3 Composition/information on ingredients

### 3.2 Mixtures

Chemical description: Mixture of refined mineral oils with additives.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
Distillates (petroleum), solvent-dewaxed heavy paraffinic* REACH Registr. Nr.: 01-2119471299-27	265-169-7	64742-65-0	- (Note L)	-	max. 90
Residual oils (petroleum), solvent-dewaxed* REACH Registr. Nr.: 01-2119480472-38	265-166-0	64742-62-7	- (Note L)	-	max. 60
Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)** REACH Registr. Nr.: 01-2119493620-38	931-384-6	-	Acute Tox. 4 Skin Sens. 1B Eye Dam. 1 Aquatic Chronic 2	H302 H317 H318 H411	max. 1.7
Amines, C12-14-tert-alkyl, C14-18 and C18-unsatd.-alkyl phosphates REACH Registr. Nr.: 01-2119978530-33	939-591-3	-	Aquatic Chronic 3	H412	max. 1.3
C16-18-(even numbered, saturated and unsaturated)-alkylamines REACH Registr. Nr.: 01-2119473797-19	627-034-4	1213789-63-9	Acute Tox. 4 Asp. Tox. 1 Skin Corr. 1B Eye Dam. 1 STOT SE 3 STOT RE 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H304 H314 H318 H335 H373 H400 (M=10) H410 (M=10)	max. 0.7
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. REACH Registr. Nr.: 01-2119971727-23	939-460-0	-	Skin Irrit. 2 Skin Sens. 1B Eye Dam. 1 Aquatic Chronic 3	H315 H317 H318 H412	max. 0.2



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 4/(16)

\*: with exposure limit

\*\*Specific concentration limit:

Eye Dam. 1; : 50 % < C ≤ 100 %; Skin Sens. 1; : 9.4 % ≤ C < 100 %

Note L:

The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 (“Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method” Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

### SECTION 4 First aid measures

#### 4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain medical attention.

Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent irritation, get medical attention.

Ingestion: If swallowed, give water. **Do not** induce vomiting. Get medical attention.

Protection of first-aid person: No individual specifications.

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

May cause an allergic skin reaction.

Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity.

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

Not required.



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 5/(16)

### SECTION 5 Fire-fighting measures

Fire hazards:

Combustible

#### 5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder.

Unsuitable extinguishing media:

Full water jet.

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

Hazardous combustion products:

On burning, carbon dioxide, carbon monoxide, sulphur oxides, nitrogen oxides, phosphor oxides, various hydrocarbons and soot can be formed.

#### 5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

### SECTION 6 Accidental release measures

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

Personal precautions: see Section 8.

Danger of slipping on leaked out/spilled product.

#### 6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil

Notify relevant authority.

#### 6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be remove. Recover free liquid by pumping. Contain the rest or small quantities with sand, earth or other suitable absorbents. Dispose of according to local regulations.

On water: Confine the spillage. Remove from surface by skimming or suitable absorbents. Notify local authorities according to regulations.

#### 6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 6/(16)

### SECTION 7 Handling and storage

#### 7.1 Precautions for safe handling

Keep general measures applied for normal operations with lubricants and flammable liquids.  
Keep away from radiant heat and open flame.  
Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists.  
Ensure washing facilities after working hours and before breaks.  
Take off contaminated clothing and wash it before reuse.  
When using do not eat, drink or smoke. Avoid splashing the product.  
Handling temperature: not known

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

Storage facilities must comply with regulations for storing of flammable liquids.  
Store in dry, well ventilated place in original, closed containers.  
Keep away from radiant heat, open flame and strong oxidizing agents.  
Storage temperature: max. 40°C

#### 7.3 Specific end use(s)

Automotive gear oil.

### SECTION 8 Exposure controls / personal protection

#### 8.1 Control parameters:

**Mineral oil mist:** TWA: **5 mg/m<sup>3</sup>**; STEL: 10 mg/m<sup>3</sup>, for oil mist, vapour excluded (ACGIH).  
Method of testing, recommended: NIOSH 5026

#### 8.2 Exposure controls

Engineering control measures:  
Not required.

Personal protection:

- (a) Eye/face protection Where splashing is possible, wear safety glasses (EN 166).
- (b) Skin protection
- (i) Hand protection Oil resistant gloves (EN 374, Breakthrough time > 480 min, PK power level: 6; PR flow rate: 0).  
Note: Manufacturer's directions for use and the conditions of application should be observed.
- (ii) Other Protective clothing (oil resistant).



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 7/(16)

- (c) Respiratory protection Under normal conditions it is not necessary. In case of exceeded exposure-limits respiratory protection with particle-filter is recommended.
- (d) Thermal hazards No data.
- Environmental exposure controls:  
Do not discharge into drains/surface waters/groundwater.

### SECTION 9 Physical and chemical properties

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

- a) Physical state: liquid
- b) Colour: brown, clear
- c) Odour: characteristic
- d) Melting point/freezing point (Pour point) (ISO 3016): typ. -27°C
- e) Boiling point or initial boiling point and boiling range (DIN 51356): not available
- f) Flammability: combustible
- g) Lower and upper explosion limit: not explosive
- h) Flash point (COC) (EN ISO 2592): typ. 220°C
- i) Auto-ignition temperature: not available
- j) Decomposition temperature: not available
- k) pH: not applicable
- l) Kinematic viscosity (EN ISO 3104)  
at 40°C: typ. 201.7 mm<sup>2</sup>/s  
at 100°C: typ. 16.9 mm<sup>2</sup>/s
- m) Solubility  
Solubility in water: practically insoluble in water  
Solubility in other solvents: gasoline, kerosene, toluene, etc.
- n) Partition coefficient n-octanol/water (log value): not available
- o) Vapour pressure at 20°C: negligible
- p) Density and/or relative density at 15°C (DIN EN ISO 12185): 0.895– 0.915 g/cm<sup>3</sup>
- q) Relative vapour density: not available
- r) Particle characteristics: not available

#### 9.2 Other information

- Oxidizing properties: not oxidize
- Heating value: inf. 38 000 kJ/kg



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 8/(16)

### SECTION 10 Stability and reactivity

- 10.1 Reactivity: Dangerous reactivity not known.
- 10.2 Chemical stability: No decomposition if stored and handled properly.
- 10.3 Possibility of hazardous reactions: Not known.
- 10.4 Conditions to avoid: Direct heat or ignition sources.
- 10.5 Incompatible materials: Strong oxidizing agents.
- 10.6 Hazardous decomposition products: No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

### SECTION 11 Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: Based on available data, the classification criteria are not met.

Oral:	LD <sub>50</sub> (rat)	> 2000 mg/kg	(based on components)
Dermal:	LD <sub>50</sub> (rabbit)	> 2000 mg/kg	(based on components)

Components:

*Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)*

Oral:	LD <sub>50</sub> (rat)	> 5000 mg/kg	(literature data)
Dermal:	LD <sub>50</sub> (rabbit)	> 2000 mg/kg	(literature data)
Inhalation:	LC <sub>50</sub> (rat)	> 5.53 mg/L/4 h	(literature data)

*Residual oils (petroleum), solvent-dewaxed (CAS: 64742-62-7)*

Oral:	LD <sub>50</sub> (rat)	> 5000 mg/kg	OECD 401
Dermal:	LD <sub>50</sub> (rabbit)	> 5000 mg/kg	OECD 402
Inhalation:	LC <sub>50</sub> (rat)	> 5.53 mg/L/4 h	OECD 403

Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.





# SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 9/(16)

## 11.2 Information on other hazards

No data.

## SECTION 12 Ecological information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

#### Components:

*Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0)*

Fishes:	LC <sub>50</sub>	> 100 mg/L	(literature data)
Daphnia:	EC <sub>50</sub>	> 100 mg/L	(literature data)
Other aquatic organisms:	EC <sub>50</sub>	> 100 mg/L	(literature data)
Algae:	ErC <sub>50</sub>	> 100 mg/L	(literature data)
Other living beings:	TLM	>1 mg/L	(literature data)

*Residual oils (petroleum), solvent-dewaxed (CAS: 64742-62-7)*

Fish (Pimephales promelas):	LL <sub>50</sub>	> 100 mg/L	96 h (OECD 203)
Fish:	NOEL	≥ 100 mg/L	
Daphnia (Daphnia magna):	EL <sub>50</sub>	> 10000 mg/L	48 h (OECD 202)
Daphnia:	NOEL	≥ 1000 mg/L	
Daphnia:	NOEL	10 mg/L	21 days (OECD 211)
Gammarus pulex:	LL <sub>50</sub>	> 10000 mg/L	96 h (OECD 202)
Aquatic invertebrates:	NOEL	≥ 10000 mg/L	
Algae			
(Pseudokirchneriella subcapitata):	NOEL	≥ 100 mg/L	72 h (OECD 201)
Activated sludge			
(Photobacterium phosphoreum):	NOEL	1.93 mg/L	96 h

*Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched (EC: 931-384-6)*

Fish (Oncorhynchus mykiss):	LC <sub>50</sub>	24 mg/L	96 h
Fish (Oncorhynchus mykiss):	NOEC	3.2 mg/L	96 h
Fish (Pimephales promelas):	LC <sub>50</sub>	8.5 mg/L	96 h
Daphnia magna:	EC <sub>50</sub>	91.4 mg/L	48 h
Daphnia magna:	EC <sub>50</sub>	0.66 mg/L	21 days
Daphnia magna:	NOEC	0.12 mg/L	21 days
Algae (Selenastrum capricornutum):	EC <sub>50</sub>	6.4 mg/L	96 h
Algae (Selenastrum capricornutum):	NOEC	10.7 mg/L	96 h
Activated sludge:	EC <sub>50</sub>	2.433 mg/L	0,1 day



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 10/(16)

### *Amines, C12-14-tert-alkyl, C14-18 and C18-unsatd.-alkyl phosphates (EC: 939-591-3)*

Fish (Oncorhynchus mykiss):	LC <sub>50</sub>	> 1000 mg/L	96 h
Daphnia magna:	EC <sub>50</sub>	91 mg/L	48 h
Algae (Selenastrum capricomutum):	EC <sub>50</sub>	> 10 mg/L	3 h
Activated sludge:	LC <sub>50</sub>	320 mg/L	0,1 h

### *C16-18-(even numbered, saturated and unsaturated)-alkylamines (CAS: 1213789-63-9)*

Fish (Pimephales promelas):	LC <sub>50</sub>	0.11 mg/L	96 h
Fish (Oncorhynchus mykiss):	LC <sub>50</sub>	1.3 mg/L	96 h
Fish (Cyprinodon variegatus):	LC <sub>50</sub>	0.9 mg/L	96 h
Daphnia magna:	EC <sub>50</sub>	0.011 mg/L	48 h
Daphnia magna:	EC <sub>50</sub>	0.27 mg/L	21 days
Daphnia magna:	NOEC	0.013 mg/L	21 days
Algae (Selenastrum capricomutum):	EC <sub>50</sub>	> 0.13 mg/L	96 h

### *Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. (EC: 939-460-0)*

Fish (Pimephales promelas):	LC <sub>50</sub>	40 mg/L	96 h
Daphnia magna:	EC <sub>50</sub>	75 mg/L	48 h
Algae (Selenastrum capricomutum):	EC <sub>50</sub>	25 mg/L	96 h

#### 12.2 Persistence and degradability

No data available.

##### Biodegradability:

No data available.

*Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched (EC: 931-384-6)*

DOC: 3.6% (28 days)

7.4% (28 days, OECD TG 301 B)

*Amines, C12-14-tert-alkyl, C14-18 and C18-unsatd.-alkyl phosphates (EC: 939-591-3)*

0.000001% (28 days, OECD TG 301 B)

*C16-18-(even numbered, saturated and unsaturated)-alkylamines (CAS: 1213789-63-9)*

44 % (28 days, OECD TG 301 D)

66% (28 days, OECD TG 301 B)

*Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. (EC: 939-460-0)*

DOC: 17.4% (28 days)



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 11/(16)

12.3 Bioaccumulative potential <i>Amines, C12-14-tert-alkyl, C14-18 and C18-unsatd.-alkyl phosphates (EC: 939-591-3)</i> <i>C16-18-(even numbered, saturated and unsaturated)-alkylamines (CAS: 1213789-63-9)</i> <i>Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs. (EC: 939-460-0)</i>	No data available. Log Kow: 8 (calculated value) BCF: 500 (calculated value) Log Kow: 4.33 (25 °C) Log Kow: > 9.4 (calculated value)
12.4 Mobility in soil Mobility in water:	Absorbs in soil. Floats on water.
12.5 Results of PBT and vPvB assessment	Does not contain PBT and vPvB substances, at a concentration of 0.1% or more.
12.6 Endocrine disrupting properties	The mixture does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.
12.7 Other adverse effects Heavy metal content: PCT, PCB and other chlorinated hydrocarbons: Water hazard class (German):	None. None. WGK 2 (Classification by AwSV)

### SECTION 13 Disposal considerations

#### 13.1 Waste treatment methods

##### Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 13 02 05\*

Mineral-based non-chlorinated engine, gear and lubricating oils.

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: incineration



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 12/(16)

### Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10\*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

### Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

## SECTION 14 Transport information

### Land transport:

Road/ Railway

ADR/RID:

- |       |                               |  |
|-------|-------------------------------|--|
| 14.1. | UN number or ID number:       | 3082   |
| 14.2. | UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains C16-18-(even numbered, saturated and unsaturated)-alkylamines) |
| 14.3. | Transport hazard class(es):   | 9  |
|       | Hazard class:                 | M6   |
| 14.4. | Packing group:                | III  |
| 14.5. | Environmental hazards:        | dangerous for the environment  |
| 14.6. | Special precautions for user: |  |
|       | Kemler Number:                | 90   |
|       | Limited quantity:             | 5L/E1  |

### Waterways:

Inland waterways/ Sea transport

ADN/IMDG:

- |       |                             |  |
|-------|-----------------------------|--|
| 14.1. | UN number or ID number:     | 3082   |
| 14.2. | UN proper shipping name:    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains C16-18-(even numbered, saturated and unsaturated)-alkylamines) |
| 14.3. | Transport hazard class(es): | 9  |



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 13/(16)

14.4.	Packing group:	III
	Label:	9
14.5.	Environmental hazards:	dangerous for the environment
	Marine pollutant:	yes
14.6.	Special precautions for user:	
	EMS-Number:	F-A, S-F
	Air transport: ICAO / IATA:	
14.1.	UN number or ID number:	3082
14.2.	UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains C16-18-(even numbered, saturated and unsaturated)-alkylamines)
14.3.	Transport hazard class(es):	9
14.4.	Packing group:	III
	Label:	9
14.5.	Environmental hazards:	dangerous for the environment
14.6.	Special precautions for user:	-

### SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008.  
Seveso category: E2.
- 15.2 Chemical safety assessment.  
not available

### SECTION 16 Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 14/(16)

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Aquatic Chronic 3      H411      calculation method

*The full text of each relevant Hazard classes and cat., H- phrase in Section 3.:*

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
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.
Acute Tox. 4	Acute toxicity Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Skin Corr. 1C	Skin corrosion/irritation Category 1C
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Respiratory/skin sensitization Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
STOT SE 3	Specific target organ toxicity – single exposure Category 3
STOT RE 2	Specific target organ toxicity – repeated exposure Category 2
Aquatic Acute 1	Hazardous to the aquatic environment, Acute Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, Chronic Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, Chronic Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, Chronic Category 3

### Legend:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 15/(16)

BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
Bw	Body Weight
C&L	Classification and Labelling
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic or toxic to Reproduction
COD	Chemical Oxygen Demand
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
ECHA	European Chemicals Agency
Ec <sub>x</sub>	Effective Concentration x%
Ed <sub>x</sub>	Effective Dose x%
ELINCS	European List of Notified Chemical Substances
ErC50	EC50 in terms of reduction of growth rate;
ES	Exposure Scenario
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC <sub>x</sub>	Lethal Concentration x%
LD <sub>x</sub>	Lethal Dose x%
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NOEC	No observed effect concentration
NOEL	No observed effect level
NLP	No-Longer Polymer
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SVHC	Substance of Very High Concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative



## SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC **MOL-LUB Ltd.**

Trade name: **MOL Hykomol LS 85W-90 limited slip gear oil**

Version: 6

Latest revision: 04. 03. 2022

Date of issue: 20. 06. 2007

Page: 16/(16)

### Revision Indicators:

Section	Subject of change	Date	Version
2 3 8 9 11 1-16	Hazards identification Composition/information on ingredients Exposure controls / personal protection Physical and chemical properties Toxicological information Revision modification according to 1272/2008/EC and 453/2010/EC	26. 08. 2013	2
2 3 1-16	Hazards identification Composition/information on ingredients Regulatory information and other corrections	17. 11. 2014	3
1 3 9 1-16	Details of the supplier of the safety data sheet, Responsible for SDS Composition/information on ingredients Physical and chemical properties Other corrections, revision modification according to 2015/830 /EU	06. 10. 2015	4
2 2.2 3 1-16	Hazards identification Label elements Composition/information on ingredients Other corrections	21. 09. 2018	5
1-16	Revision modification according to 2020/878/EU Full revision due to composition change	04. 03. 2022	6