

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

Trade name: MOL Farm Protect E9 15W-40 multigrade diesel engine oil

Version: 6 Latest revision: 30. 03. 2021 Date of issue: 20. 01. 2014 Page: 1/(15)

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

1.1 Product identifier:

MOL Farm Protect E9 15W-40 multigrade diesel engine oil

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

Relevant identified uses: multigrade diesel motor oil

Uses advised against: no data

1.3 Details of the supplier of the safety data sheet:

MOL-LUB Lubricant Production Distribution and Service Ltd.

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 Distribution and Service Ltd.

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 Ltd.

Phone: +36 80 201 296

e-mail: EBKHelpdesk@MOL.hu

1.4 Emergency telephone number

Emergency telephone (on workdays: 07-15²⁰ h (CET)): +36 34 526 210

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: Hazard statement:

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting

effects.





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2.2 Label elements

Product identification: Trade name: MOL Farm Protect E9 15W-40 multigrade diesel

engine oil

Hazardous components: -

GHS Pictogram: Not required. Signal word: Not required.

Hazard statement:

H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard information:

EUH208 Contains Molybdenum alkylthiocarbamide complex, Benzenesulfonic

acid, mono-C16-24-alkyl derivs., calcium salts and Calcium long chain

alkaryl sulfonate. May produce an allergic reaction.

Precautionary statements – General: -

Precautionary statements – Prevention:

P273 Avoid release to the environment.

Precautionary statements – Response: -

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.





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SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of base oils containing additives.

Component(s) / Hazardous component(s):

Name	EC	CAS	Hazard classes and	Hazard	Conc.
-,	number	number	cat.	statements	%(m/m)
Base oil – unspecified, hydrotreated heavy	265-157-1	64742-54-7	- (Note L)	-	max. 80
paraffinic, C20-C50*			(Note L)		
REACH Registr. Nr:					
01-2119484627-25					
Mineral oil raffinate mixture	:		A T 1	H304	max. 8.0
	mixture	mixture	Asp. Tox. 1 (Note L)	H304	
Distillates (petroleum), solvent-	265-169-7	64742-65-0	-	-	max. 6.0
dewaxed heavy paraffinic*			(Note L)		
REACH Registr. Nr.:					
01-2119471299-27					
Bis(nonylphenyl)amine	253-249-4	36878-20-3	Aquatic Chronic 4	H413	max. 4.0
REACH Registr. Nr.:					
01-2119488911-28					
Reaction mass of isomers	406-040-9	125643-61-0	Aquatic Chronic 4	H413	max. 3.0
of: C7-9-alkyl 3-(3,5-di-					
tert-butyl-4-					
hydroxyphenyl) propionate					
REACH Registr. Nr.:					
01-0000015551-76					
Distillates (petroleum),	265-157-1	64742-54-7	Asp. Tox. 1	H304	max. 2.0
hydrotreated heavy paraffinic			(Note L)		
REACH Registr. Nr.:					
01-2119484627-25					
Zinc bis[O-(6- methylheptyl)]	298-577-9	93819-94-4	Skin Irrit. 2	H315	max. 1.5
bis[O-(sec- butyl)]			Eye Dam. 1	H318	
bis(dithiophosphate)**			Aquatic Chronic 2	H411	
REACH Registr. Nr.:					
01-2119543726-33					
Phosphorodithioic acid, mixed	283-392-8	84605-29-8	Skin Irrit. 2	H315	max. 1.5
O,O-bis(1,3-dimethylbutyl and iso-			Eye Dam. 1	H318	
Pr)esters, zinc salts**			Aquatic Chronic 2	H411	
REACH Registr. Nr.:					
01-2119493626-26					



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	EC	CAG	TT 1 1 1	77 1	
Name	EC	CAS	Hazard classes and	Hazard	Conc.
1 (4111)	number	number	cat.	statements	%(m/m)
Benzenesulfonic acid,	274-263-7	70024-69-0	Skin Sens. 1B	H317	max. 0.80
mono-C16-24-alkyl					
derivs., calcium salts					
REACH Registr. Nr.:					
01-2119492616-28					
Calcium long chain alkaryl	polymer	722503-68-6	Skin Sens 1B	H317	max. 0.15
sulfonate					
REACH Registr. Nr.:					
polymer					
Molybdenum alkylthiocarbamide	457-320-2	-	Skin Irrit. 2	H315	< 0.15
complex			Skin Sens. 1	H317	
REACH Registr. Nr.:			Aquatic Chronic 3	H412	
01-0000019337-66			•		
Phenol, dodecyl-, branched	310-154-3	121158-58-5	Skin Corr. 1C	H314	< 0.04
REACH Registr. Nr.:			Eye Dam. 1	H318	
01-2119513207-49			Repr. 1B	H360F	
			Aquatic Acute 1	H400 (M=10)	
			Aquatic Chronic 1	H410 (M=10)	

^{*:} with exposure limit

**The product always contains only one ingredient.

Specific concentration limit: Eye Dam. 1; : $12.5 \% < C \le 100 \%$ Skin Irrit. 2; : $6.25 \% \le C \le 100 \%$; Eye Irrit. 2; : $10 \% < C \le 12.5 \%$

Note L: The classification as a carcinogen need not apply according to 1272/2008/EC, because it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

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.



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Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use soap.

In case of persistent irritation, get medical attention.

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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

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

May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed Not required.

SECTION 5 Fire-fighting measures

Fire hazards:

Combustible

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder.

Unsuitable extinguishing media:

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

On burning, carbon monoxide, carbon dioxide, sulphur 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.



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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. Contain spilled liquid with

sand, earth or other suitable absorbents. Recover free liquid by pumping.

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.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Keep general measures applied for normal operations with lubricants.

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)

Multigrade diesel motor oil.



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SECTION 8 Exposure controls / personal protection

8.1 Control parameters:

Mineral oil mist: TWA: 5 mg/m³; STEL: 10 mg/m³, for oil mist, vapour excluded

(ACGIH).

Method of testing, recommended: NIOSH 5026

Molybdenum: 2000/39/EC and mod.

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) (e.g.

nitrile rubber – minimal thickness 0.33 mm).

Note: Manufacturer's directions for use and the conditions of

application should be observed.

(ii) Other Protective clothing (oil resistant).

(c) Respiratory protection Under normal conditions not required. 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: yellow, clear

c) Odour: characteristic

d) Melting point/freezing point (Pour point) (ISO

3016): typ. -39°C

e) Boiling point or initial boiling point and boiling

range (DIN 51356): not available



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f) Flammability: combustible Lower and upper explosion limit: not available g) h) Flash point (COC) (EN ISO 2592): typ. 230°C Auto-ignition temperature: not available i) Decomposition temperature: not available i) k) pH: not applicable

Kinematic viscosity (EN ISO 3104): 1)

> at 40°C: typ. $115.0 \text{ mm}^2/\text{s}$ typ. $15.5 \text{ mm}^2/\text{s}$ at 100°C:

m) Solubility

Solubility in water: practically insoluble in water Solubility in other solvents: gasoline, kerosene, toluene, etc. not available

Partition coefficient n-octanol/water (log value): n)

Vapour pressure at 20°C: negligible

Density and/or relative density at 15°C (EN ISO 12185):

 $0.865 - 0.885 \text{ g/cm}^3$ Relative vapour density: not available Particle characteristics: not available

9.2 Other information no data available

Stability and reactivity **SECTION 10**

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

> 2000 mg/kgOral: LD₅₀ (rat) (based on components) > 2000 mg/kg(based on components) Dermal: LD₅₀ (rabbit)



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Components:

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)

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

Oral: LD_{50} (rat) >5000 mg/kg (literature data) Dermal: LD_{50} (rabbit) >2000 mg/kg (literature data) Inhalation: LC_{50} (rat) >5.53 mg/L (4 h) (literature data)

Zinc bis[O-(6- methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) (CAS: 93819-94-4)

Oral: LD_{50} (rat) 2600 mg/kg

Dermal: LD_{50} (rabbit) >3160 mg/kg OECD 402 Inhalation: LC_{50} (rat) > 2.0 mg/L (1 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:

Carcinogenicity:

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

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

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

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

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

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

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

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

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

11.2 Information on other hazards

No data.

SECTION 12 Ecological information

12.1 Toxicity Harmful to aquatic life with long lasting effects.

Components

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)

Fish: >1000 mg/L 96 h (OECD 203)
Daphnia: >100 mg/L 48 h (OECD 202)
Algae: >100 mg/L 72 h (OECD 201)



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Fish (Oncorhynchus mykiss):	LC_{50}	4.5	mg/L	96 h (OECD 203
Daphnia (Daphnia magna):	EL_{50}	5.4	mg/L	48 h (OECD 202
Algae (Selenastrum capricornutum):	EbC ₅₀	2.1	mg/L	96 h (OECD 201
Molybdenum alkylthiocarbamide compl	ex (EK: 457	7-320-2)		
Fish (Oncorhynchus mykiss):	NOEC	94.8	mg/L	96 h (OECD 203
			semi-sta	atic test, analogy
Daphnia (Daphnia magna):	EL_{50}	50	mg/L	48 h (OECD 202
			static te	st
Daphnia (Daphnia magna):	NOEC	100	mg/L	21 days
			static te	st
Algae (Pseudikirchneriella subcapitata):	EbC_{50}	9.62	mg/L	72 h (OECD 201
				inhibition, analogy
Bacterium:	IC_{50}	>100	mg/L	3 h
			respirate	ory inhibition
-	1,3-dimethy	lbutyl an	d iso-Pr)	esters, zinc salts (C.
<u>-</u>	1,3-dimethy	lbutyl an	d iso-Pr)	esters, zinc salts (C.
84605-29-8) Fish (Oncorhynchus mykiss):	1,3-dimethy LC ₅₀	4,5	mg/L	esters, zinc salts (C. 96 h
84605-29-8)	_	4,5 46	mg/L mg/L	
84605-29-8) Fish (Oncorhynchus mykiss):	LC ₅₀	4,5 46	mg/L	96 h
84605-29-8) Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp):	LC ₅₀ LC ₅₀	4,5 46 1.8	mg/L mg/L	96 h 96 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀	4,5 46 1.8 23 >0.8	mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC	4,5 46 1.8 23 >0.8	mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC	4,5 46 1.8 23 >0.8 10 0.4	mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Daphnia: Green algae:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀	4,5 46 1.8 23 >0.8 10 0.4 21	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC	4,5 46 1.8 23 >0.8 10 0.4 21	mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae: Phenol, dodecyl-, branched (CAS: 1211)	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae: Phenol, dodecyl-, branched (CAS: 1211) Fish (Fat-headed carp):	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h 72 h
Fish (Oncorhynchus mykiss): Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae: Fish (Fat-headed carp): Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h 72 h
Fish (Oncorhynchus mykiss): Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae: Fish (Fat-headed carp): Daphnia: Crustacea (Mysidopsis Bahia):	LC ₅₀ LC ₅₀ NOEC EC ₅₀ NOEC NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10 40 0.037 >0.58	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h 72 h
Fish (Mutton-headed carp): Fish (Oncorhynchus mykiss): Daphnia: Daphnia: Daphnia: Daphnia: Green algae: Green algae: Phenol, dodecyl-, branched (CAS: 1211) Fish (Fat-headed carp): Daphnia: Crustacea (Mysidopsis Bahia): Daphnia:	LC ₅₀ LC ₅₀ NOEC EC ₅₀ EC ₅₀ NOEC NOEC EC ₅₀ NOEC	4,5 46 1.8 23 >0.8 10 0.4 21 10 40 0.037 >0.58 0.0079 0.0037	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	96 h 96 h 96 h 48 h 21 days 48 h 21 days 72 h 72 h 96 h 48 h 96 h 21 days



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12.2 Persistence and degradability

Biodegradability: Hydrocarbons are inherently degradable.

Zinc bis[O-(6- methylheptyl)] bis[O-(sec-

butyl)] bis(dithiophosphate): 1.5% (10.0 mg/L; 28 days; OECD 301B)

Phenol, dodecyl-, branched 25 % (28 days, OECD TG 301 B)

12.3 Bioaccumulative potential No data available.

12.4 Mobility in soil: Absorbs in soil.

Mobility in water: Floats on water.

12.5 Results of PBT and vPvB assessment Does not contain PBT and vPvB substances.

12.6 Endocrine disrupting properties No data.

12.7 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated

hydrocarbons: None.

Environmental effects: Large spills may be hazardous to the environment.

Water hazard class (German): 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.

Recommended waste treatment method: incineration

Disposal must be in compliance with national and local regulations.

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.

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.



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SECTION 14 Transport information

Land transport:

14.1.

Road/ Railway ADR/RID: Not classified.

UN number or ID number: Not classified.

UN proper shipping name: Not classified.

14.2. UN proper shipping name: Not classified.
14.3. Transport hazard class(es): Not classified.
14.4. Packing group: Not classified.
14.5. Environmental hazards: Not classified.

14.6. Special precautions for user:

Not classified.

Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product. Air transport: ICAO / IATA: Not apply to the product.

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: not classified.

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.

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

Aquatic Chronic 3 H412 calculation method



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

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

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. H360F May damage fertility. 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.
 H413 May cause long lasting harmful effects to aquatic life.

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. 1B Respiratory/skin sensitization Category 1B Eye Dam. 1 Serious eye damage/eye irritation Category 1

Repr. 1B Reproductive toxicity Category 1B

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
Aquatic Chronic 4 Hazardous to the aquatic environment, Chronic Category 4

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
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



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

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DMEL Derived Minimal Effect Level
DNEL Derived No Effect Level
ECHA European Chemicals Agency
Ecx Effective Concentration x%

ErC50 EC50 in terms of reduction of growth rate

Edx Effective Dose x% EC European Community

EC number European Community number

ELINCS European List of Notified Chemical Substances

ES Exposure Scenario

IARC International Agency for Research on Cancer
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods

LCx Lethal Concentration x%

LDx 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

ppm parts/million

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

Revision Indicators:

Section	Subject of change	Date	Version
1	Details of the supplier of the safety data sheet,	01. 10. 2015	2
	Responsible for SDS		
3	Composition/information on ingredients		
9	Physical and chemical properties		
1-16	Other corrections, revision modification according to		
	2015/830 /EU		



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

Trade name: MOL Farm Protect E9 15W-40 multigrade diesel engine oil

Version: 6 Latest revision: 30. 03. 2021 Date of issue: 20. 01. 2014 Page: 15/(15)

Revision Indicators:					
Section	Subject of change	Date	Version		
2	Hazards identification	20. 09. 2017	3		
3	Composition/information on ingredients				
1-16	Other corrections				
2, 2.2	Hazards identification. Label elements	04. 07. 2018	4		
3	Composition/information on ingredients				
8	Exposure controls / personal protection				
9	Physical and chemical properties				
11	Toxicological information				
1-16	Other corrections				
2, 2.2	Hazards identification. Label elements.	22. 10. 2019	5		
3	Composition/information on ingredients				
9	Physical and chemical properties				
11	Toxicological information				
12	Ecological information				
1-16	Full revision due to composition change	30. 03. 2021	6		
	Revision modification according to 2020/878/EU				