

Safety Data Sheet according to EC-Regulation 91/155/EEC

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

OLYMPIA Super Partly Synthetic Engine Oil SAE 10W-40

Art. No. 2087119

Use of the substance/preparation

Refer to description of material or preparation.

Company/undertaking identification

OLYMPIA Lube Oil FZCO, P.O.Box 17533 Jebel Ali - Free Zone, Dubai - U.A.E

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olo@emirates.net.ae www.olympiaoil.com

Emergency telephone / Office for advice

Advisory office in case of poisoning:

Tel.: ---

Telephone number of the company in case of emergencies:

Tel. +971 50 2449093

2. Composition/information on ingredients

2.1 Chemical name	content %	symbol	R-phrases	EINECS, ELINCS
Alkylphenol	0,25 -< 2,5	N	50-53	
Zinc alkyl dithiophosphate	0,1 -< 5	Xi	36/38	

For complete wording of the R-phrases, refer to point 16.

3. Hazards identification

3.1 To people

See point 11 and 15.

Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

3.2 To the environment

See point 12.

Product can compose a film on the water surface, which can prevent oxygen exchange.

53 May cause long-term adverse effects in the aquatic environment.

4. First aid measures

4.1 Inhalation

Supply person with fresh air and consult doctor according to symptoms.

Remove person from danger area.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Keep Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Do not induce vomiting. Consult doctor immediately.

Danger of aspiration.

4.5 Special resources necessary for first aid

n.g.

5. Fire-fighting measures

5.1 Suitable extinguishing media

CO₂

Foam

Dry extinguisher

5.2 Extinguishing media which must not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Oxides of sulphur

Flammable vapour/air mixtures.

Decomposition products

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply

According to size of fire

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping.

Do not carry cleaning cloths soaked in product in trouser pockets.

6.2 Environmental measures

If leakage occurs, dam up.

Prevent from entering drainage system.

Avoid release to the environment.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

7. Handling and storage

7.1 Handling

Tips for safe handling:

See point 6.1

General hygiene measures for the handling of chemicals are applicable.

Take measures against electrostatic charging, if appropriate.

Observe directions on label and instructions for use.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.

Store products only unopened, in original packing.

Special storage conditions:

See point 10.2

Protect against moisture and store closed.

Do not store over 50°C.

8. Exposure controls/personal protection

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the OES, MEL or MAK values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Chemical Name		Oil mist, mineral	
WEL-TWA:	5 mg/m ³ (ACGIH)	WEL-STEL:	10 mg/m ³ (ACGIH)
BMGV:	---	Other information:	---

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value. | Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing

cancer and/or heritable genetic damage.

8.1 Respiratory protection:

Filter A - P2 EN 141

8.2 Hand protection:

Protective hand cream recommended.

8.3 Eye protection:

8.4 Skin protection:

If OES or MEL is exceeded.

Protective nitrile gloves (EN 374)

Tight fitting protective goggles (EN 166) with side protection, with danger of projections.

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

9. Physical and chemical properties

Physical state:

Colour:

Odour:

10 % pH-value:

Boiling point/range (°C):

Melting point/range (°C):

Flash point (°C):

Autoflammability:

Minimum limit of explosion:

Maximum limit of explosion:

Vapour pressure:

Relative density:

Solubility in water:

Viscosity:

Liquid

Light brown

Characteristic

n.v.

n.v.

- 35 (PP)

225

n.g.

0,6 Vol% (Angabe Hauptinhaltsstoff)

6,5 Vol% (Angabe Hauptinhaltsstoff)

n.g.

0,875

Insoluble

92 - 102 mm²/s/40°C, 14 - 14,5 mm²/s/100°C

10. Stability and reactivity

10.1 Conditions to avoid

See point 7

Protect from humidity.

Open flame, ignition sources

10.2 Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Avoid contact with other chemicals.

10.3 Hazardous decomposition products

See point 5.3

11. Toxicological information

11.1 Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):

n.v.

Inhalation, LC50 rat inhal.(mg/l/4h):

n.v.

Skin contact, LD50 rat dermal (mg/kg):

n.v.

Eye contact:

n.v.

11.2 Delayed and chronic effects

Sensitization:

n.g.

Carcinogenicity:

n.g.

Mutagenicity:

n.g.

Reproductive toxicity:

n.g.

Narcosis:

n.g.

11.3. Further information

Classification according to calculation procedure.

The following may occur:

With long-term contact:

Drying of the skin.

Irritation of the skin.

12. Ecological information

Water hazard class (Germany):	2
Self classification:	Yes (VwVwS)
Persistence and degradability:	n.v.
Behaviour in sewage plants:	Mechanical precipitation possible.
Aquatic toxicity:	n.v.
Ecological toxicity:	n.v.

13. Disposal considerations

13.1. for the material / preparation / residue

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.
EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

20 01 26 oil and fat other than those mentioned in 20 04 25

Recommendation:

Pay attention to local and national official regulations

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

14. Transport information

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing-group: n.a.

Classification code: n.a.

LQ: n.a.

Transport by sea

IMDG-code: n.a. (class/packing-group)

Marine Pollutant: n.a.

Transport by air

IATA: n.a. (class/secondary danger/packing-group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Not applicable

Indications of danger: ---

R-phrases:

53 May cause long-term adverse effects in the aquatic environment.

S-phrases:

35 This material and its container must be disposed of in a safe way.

Additions: n.a.

Observe restrictions: n.a.

16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany):

10

Revised points:

2, 3, 6, 8, 11, 15

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).

50 Very toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

36/38 Irritating to eyes and skin.

Legend:

n.a. = not applicable / n.v., k.D.v. = not available / n.g. = not checked

OES = Occupational exposure standard / MEL = Maximum exposure limit / BMGV = Biological monitoring guidance value

AG = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BG = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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