XENOL GEAR OIL 85W-140 GL-4

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

1.1 - Product identifier

Trade name/designation **XENOL GEAR OIL 85W-140 GL-4**
Chemical name
Product-type Mixture
Product code 0323

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

Relevant identified uses - Gear Oil

1.3 - Details of the supplier of the safety data sheet

XENOL ENERJİ A.Ş.
GEBKİM İhtisas OSB Nuri Türker Caddesi No:4
Dilovası / Kocaeli, Türkiye

Telephone : +90 262 646 11 01
Website : www.xenol.com / E-mail: info@xenol.com

1.4 - Emergency telephone number

- National Poisons Information Service of England: http://npis.org -
NHS 111: dial 111 United Kingdom

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified	Not classified

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Polysulfides, di-tert-Bu | Amines, C12-14-tert-alkyl

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements : None
EUH-phrases

EUH208	Contains Amines, C12-14-tert-alkyl | Polysulfides, di-tert-Bu . May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Polysulfides, di-tert-Bu	CAS No. : 68937-96-2 EC No. : 273-103-3 REACH No. : 01-2119540515-43-XXXX	>= 2 - < 3	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Skin Sens. 1B - H317	M-factor: 1 / 1
Amines, C12-14-tert-alkyl	CAS No. : 68955-53-3 EC No. : 273-279-1	> 0,1 - < 0,3	Acute Tox. 2 Inhalation - H330 Acute Tox. 3 Dermal - H311 Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318 Met. Corr. 1 - H290 Skin Corr. 1C - H314 Skin Sens. 1 - H317	
(Z)-octadec-9-enylamine INCI: OLEAMINE	CAS No. : 112-90-3 Index No. : 612-283-00-3 EC No. : 204-015-5	> 0 - < 0,1	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Asp. Tox. 1 - H304 Skin Corr. 1B - H314 STOT RE 2 - H373 STOT SE 3 - H335	M-factor: 10 / 10

- Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following skin contact	- After contact with skin, wash immediately with plenty of water and soap. - Change contaminated, saturated clothing. - In case of skin reactions, consult a physician.
After eye contact	- Rinse immediately carefully and thoroughly with eye-bath or water.
After ingestion	- When in doubt or if symptoms are observed, get medical advice.

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

Symptoms and effects - Following inhalation	- No information available.
Symptoms and effects - Following skin contact	- The following symptoms may occur: - Allergic reactions
Symptoms and effects - After eye contact	- No information available.
Symptoms and effects - After ingestion	- No information available.

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

- No information available.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media	- ABC-powder - Water mist - Carbon dioxide (CO2)
Unsuitable extinguishing media	- Strong water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	- No information available.
Hazardous decomposition products	- No information available.

5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	- Wear protective gloves.
For emergency responders	- Provide adequate ventilation. - Use personal protection equipment.

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- No information available.
Methods and material for cleaning up	- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). - Ventilate affected area.
Inappropriate techniques	- No information available.

6.4 - Reference to other sections

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- No information available.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.

7.3 - Specific end use(s)

- Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

- No information available.

8.2 - Exposure controls

Appropriate engineering controls	- No information available.
Individual protection measures, such as personal protective equipment	- Lab coat. - Wear protective gloves. - Disposable gloves.
Environmental exposure controls	- No information available.





SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	
Colour		Odour	

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	240 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available

Relative density	No data available
Density	0,91 g/cm³
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	24 mm²/s < V < 32,5 mm²/s @ 100 °C
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

- No information available.

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- No information available.

SECTION 11: Toxicological information

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

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation gas (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No information available.

Toxicity : Substances

(Z)-octadec-9-enylamine (112-90-3)	
LD50 oral (rat)	500 mg/kg ATE

Skin corrosion/irritation - Not classified

- No information available.

Serious eye damage/eye irritation - Not classified

- No information available.

Respiratory or skin sensitisation - Not classified

- May cause an allergic skin reaction.

Germ cell mutagenicity - Not classified

- No information available.

Carcinogenicity - Not classified

- No information available.

Reproductive toxicity - Not classified

- No information available.

STOT-single exposure - Not classified

- No information available.

STOT-repeated exposure - Not classified

- No information available.

Aspiration hazard - Not classified

- No information available.

11.2 - Information on other hazards

- No information available.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
EL50 48 hr crustacea	No data available
LL50 96 hr fish	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Toxic to aquatic life with long lasting effects.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No information available.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

12.6 - Endocrine disrupting properties

- No information available.

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods - No information available.

Sewage disposal	- No information available.
Special precautions for waste treatment	- No information available.
Community or national or regional provisions	- Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 - UN number or ID number
Not applicable

14.2 - UN proper shipping name
Not applicable

14.3 - Transport hazard class(es)
Not applicable

14.4 - Packing group
Not applicable

14.5 - Environmental hazards
Not applicable

14.6 - Special precautions for user
Not applicable

14.7 - Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None
VOC content	No data available

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	19/06/2026		

Certificate holder: Fatih Bilgin - Chemical Assessment Expert. Certificate No.: TUV/11.253.03 - Certificate date: 16/08/2024

XENOL GEAR OIL 85W-140 GL-4

Abbreviations and acronyms	- ADR: The Agreement concerning the International Carriage of Dangerous Goods by Road - ATE: Acute Toxicity Estimate. - LC50: Lethal Concentration to 50 % of a test animals. - LOEC: Lowest Observed Effect Concentration. - LD50: Lethal Dose to 50% of a test animals. - LOEL: Lowest Observed Adverse Effect Level. - DNEL: Derived no-effect level. - EC50: Effective concentration of the substance that causes adverse effects in 50% of test animals. - IATA: International Air Transport Association. - IMDG: International Maritime Dangerous Goods. - EC No: European Community number - NOEC: No Observed Effect Concentration. - NOEL: No observable effect level. - CAS No.: Chemical Abstracts Service number. - ICAO: International Civil Aviation Organization - PBT: Persistent, Bioaccumulative and Toxic. - PNEC: Predicted no-effect concentration. - RID: International Carriage of Dangerous Goods by Rail. - STEL: Short-term exposure limit - TWA: Time weighted average - OEL: Occupational exposure limit. - vPvB: very Persistent and very Bioaccumulative.

Texts of the regulatory sentences

Acute Tox. 2 Inhalation	Acute toxicity (inhalative) - Category 2
Acute Tox. 3 Dermal	Acute toxicity (dermal) - Category 3
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Dam. 1	Serious eye damage, Category 1
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure .
H410	Very toxic to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals - Category 1
Not Classified	Not classified
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Sens. 1	Skin sensitization - Category 1
Skin Sens. 1B	Skin sensitization - Category 1B
STOT RE 2	STOT-repeated exposure - Category 2

XENOL GEAR OIL 85W-140 GL-4

STOT SE 3	STOT-single exposure - Category 3 (H335)

The information provided in this Safety Data Sheet (SDS) is current on the date the SDS was prepared or revised. Implementation of measures that are provided on SDS is under downstream user companies' responsibility. Downstream users may change the measures in the SDS according to the conditions in their own business.

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