

Material number 14240

 Revision date:
 20.3.2024

 Version:
 3.0

 Replaces version:
 2.2

 Language:
 en-DE

 Date of print:
 3.4.2024

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU) 2020/878

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

1.1 Product identifier

Trade name: AUTOL GETRIEBEÖL LS

UFI: SSCQ-GDJH-500R-E6Y2

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

General use: Transmission oil

1.3 Details of the supplier of the safety data sheet

Company name: Enilive Schmiertechnik GmbH

Street/POB-No.: Paradiesstraße 14
Postal Code, city: 97080 Würzburg

Germany

E-mail: info.wuerzburg@enilive.com

Telephone: +49 (0)931-90098-0 Telefax: +49 (0)931-98442

Department responsible for information:

Application Engineering & Product Management (AEPM)

Telephone: +49 (0)931-90098-0 E-mail: technik.wuerzburg@enilive.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen

Telephone: +49 (0)551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Skin Sens. 1; H317 May cause an allergic skin reaction.

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (CLP)



Signal word: Warning

Hazard statements: H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing mist/vapours/spray.
P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

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

P501 Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling: Contains: Amines, C10-C14-tert-alkyl

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

CAS No.	Designation	PBT/vPvB	ED Human	ED Environment
74499-35-7	Phenol, (tetrapropenyl) derivatives (SVHC)		List I	List I

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119456798-18-xxxx list no. 701-175-2	Amines, C10-C14-tert-alkyl Acute Tox. 4; H302. Acute Tox. 3; H311. Acute Tox. 2; H330. Skin Corr. 1B; H314. Eye Dam. 1; H318. Skin Sens. 1A; H317. STOT SE 3; H335. Aquatic Acute 1; H400. Aquatic Chronic 1; H410.	< 1 %
EACH 01-2119473797-19-xxxx (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines AS 1213789-63-9 Acute Tox. 4; H302. Skin Corr. 1B; H314. Eye Dam. 1; H318. STOT SE 3; H335. STOT RE 2; H373. Asp. Tox. 1; H304. Aquatic Acute 1; H400. Aquatic Chronic 1; H410.		< 0,5 %
list no. 616-100-8 CAS 74499-35-7	, (

Full text of H- and EUH-statements: see section 16.



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Additional information:

Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: Phenol, (tetrapropenyl) derivatives (Toxic for reproduction (Article 57c); Endocrine disrupting properties (Article 57(f) - environment); Endocrine disrupting properties (Article 57(f) - human health))

Endocrine disrupting properties (Article 57(f) - human health))

Information about Distillates (petroleum), hydrotreated heavy paraffinic:

The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: If medical advice is needed, have product container or label at hand. Take off

contaminated clothing and wash it before reuse.

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable

for breathing. Seek medical attention if problems persist.

Following skin contact: After contact with skin, wash immediately with polyethylene glycol, followed by plenty of

water. Consult doctor afterwards.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids

apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye

irritation consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an

unconscious person. Do not induce vomiting. If swallowed, seek medical advice

immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing. full protection

suit.

Additional information: Cool exposed containers with water spray, but avoid contact of the substance with water.

Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or

surface water.



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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapours/spray. Provide adequate ventilation. Remove all sources of ignition. Wear appropriate protective equipment.

Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing. Keep unprotected people away.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. If necessary notify appropriate authorities.

If product enters soil, it will be mobile and may contaminate groundwater.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding

Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

Never return spills in original containers for re-use.

Clean contaminated articles and floor according to the environmental legislation.

Additional information: Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe

mist/vapours/spray. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing.

Have eye wash bottle or eye rinse ready at work place.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

Protect from heat and direct sunlight.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs.

Storage class: 10 = Combustible liquids, unless storage class 3

7.3 Specific end use(s)

No information available.



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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

DNEL/DMEL: Information about Amines, C10-C14-tert-alkyl:

DNEL workers, inhalative, systemic, long-term: 12,5 mg/m³ DNEL workers, inhalative, local, long-term: 12,1 mg/m³ DNEL consumers, systemic, long-term: 2,5 mg/m³ DNEL consumers, inhalative, local, long-term: 1,2 mg/m³

Information about (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and

unsaturated)-alkylamines:

DNEL workers, inhalative, systemic, long-term: 0,38 mg/m³

DNEL workers, inhalative, local, long-term: 1 mg/m³

DNEL consumers, inhalative, systemic, long-term: 0,035 mg/m³ DNEL consumers, oral, systemic, long-term: 40 µg/kg bw/d

PNEC: Information about Amines, C10-C14-tert-alkyl:

PNEC water (freshwater): 0,001 mg/L PNEC water (marine water): 0 mg/L

PNEC sewage treatment plant: 0,635 mg/L PNEC sediment (freshwater): 2,14 mg/kg dw PNEC sediment (marine water): 0,214 mg/kg dw

PNEC soil: 0,428 mg/kg dw

PNEC Secondary poisoning: 4,71 mg/kg food

Information about (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and

unsaturated)-alkylamines:

PNEC water (freshwater): 0,26 µg/L PNEC water (marine water): 0,026 µg/L PNEC sewage treatment plant: 550 µg/L PNEC sediment (freshwater): 3,76 mg/kg dw PNEC sediment (marine water): 0,346 mg/kg dw

PNEC soil: 10 mg/kg dw

8.2 Exposure controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Personal protection equipment

Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Hand protection: Protective gloves according to DIN EN 374.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to DIN EN ISO 16321-1:2022.

Body protection: Wear suitable protective clothing.



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General protection and hygiene measures:

Do not breathe mist/vapours/spray.

Take off contaminated clothing and wash it before reuse. Avoid contact with skin, eyes, and clothing.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Do not put any product-impregnated cleaning rags into your trouser pockets.

Have eye wash bottle or eye rinse ready at work place.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa liquid
Colour: brown

Odour: Characteristic
Odour threshold: No data available
Melting point/freezing point: Not determined
Initial boiling point and boiling range: Not determined
Flammability: Not applicable

Upper/lower flammability or explosive limits: LEL (Lower Explosion Limit): Not determined

UEL (Upper Explosive Limit): Not determined

Flash point/flash point range: > 190 °C (ISO 2592)

Decomposition temperature: > 120 °C

pH: Not determined

Viscosity, kinematic: at 100 °C: approx. 15,1 mm²/s (DIN 51562)

Solubility: Not determined Water solubility: Insoluble

Partition coefficient: n-octanol/water: Not determined
Vapour pressure: Not determined

Density: at 15 °C: approx. 0,901 g/cm³ (DIN 51757)

Vapour density: No data available
Particle characteristics: Not applicable

9.2 Other information

Explosive properties: No data available

Oxidizing characteristics: Product has no oxidizing effect.

Auto-ignition temperature: Not applicable

Evaporation rate: No data available

Additional information: Pour point: approx.-21 °C (DIN ISO 3016)

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SECTION 10: Stability and reactivity

10.1 Reactivity

Refer to subsection "Possibility of hazardous reactions".

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect against heat /sun rays.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: > 120 °C

SECTION 11: Toxicological information

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

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met. Acute toxicity (dermal): Based on available data, the classification criteria are not met.

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

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Skin Sens. 1; H317 = May cause an allergic skin reaction.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data. Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.



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11.2 Information on other hazards

Endocrine disrupting properties:

This product contains a substance that has endocrine disrupting properties with respect

to humans.

Other information: Information about Amines, C10-C14-tert-alkyl:

LD50 Rat, oral: 1.177 mg/kg bw (OECD 401)

LC50 Rat, inhalative: > 231 ppm/4 h (OECD 403 (vapors))

LD50 Rat, dermal: 251 mg/kg bw (OECD 402)

Information about (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and

unsaturated)-alkylamines:

LD50 Rat, oral: 1.200 mg/kg bw (OECD 401) LD50 Rat, dermal: > 2.000 mg/kg bw (OECD 402)

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Harmful to aquatic life with long lasting effects.

Information about Amines, C10-C14-tert-alkyl:

Fish toxicity:

LC50 Oncorhynchus mykiss: 1,3 mg/L/96 h (OECD 203) NOEC Oncorhynchus mykiss: 0,078 mg/L / 96 d (OECD 210)

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 0,24 - 6 mg/L/48 h

Algae toxicity:

EC50 Pseudokirchneriella subcapitata (green algae): 0,44 mg/L/72 h (OECD 201) Information about (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and

unsaturated)-alkylamines:

Fish toxicity:

LC50 Danio rerio (zebrafish): 4,21 mg/L/96 h (OECD 203)

Daphnia toxicity:

EC50 Daphnia magna (Big water flea): 0,32 mg/L/48 h (OECD 202) Daphnia magna (Big water flea): 0,013 mg/L/21 d"(OECD 211)

Algae toxicity:

EC50 Desmodesmus subspicatus (green algae): 0,39 mg/L/72 h (OECD 201)

Water Hazard Class: 2 = obviously hazardous to water (Self-classification (mixture).)

12.2 Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

Not determined

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available



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12.6 Endocrine disrupting properties

This product contains a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7 Other adverse effects

General information: Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 13 02 06* = synthetic engine, gear and lubricating oils

* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation. Do not allow to enter into

ground-water, surface water or drains.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in

the same way as the substance itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN

model regulations.

Marine pollutant - IMDG: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.



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14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

National regulations - Germany

Storage class: 10 = Combustible liquids, unless storage class 3

Water Hazard Class: 2 = obviously hazardous to water (Self-classification (mixture).)

Technical guidance air: 5.2.5 Information on working limitations:

Observe employment restrictions for young people.

Further regulations, limitations and legal requirements:

The product is not subject to the Chemicals Prohibition Ordinance (ChemVerbotsV).

National regulations - EC member states

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 3

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H302 = Harmful if swallowed.

H304 = May be fatal if swallowed and enters airways.

H311 = Toxic in contact with skin.

H314 = Causes severe skin burns and eye damage.

H317 = May cause an allergic skin reaction.

H318 = Causes serious eye damage.

H330 = Fatal if inhaled.

H335 = May cause respiratory irritation.

H360F = May damage fertility.

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. H412 = Harmful to aquatic life with long lasting effects.

Reason of change: Changes in section 1: Details of the supplier of the safety data sheet

General revision

Date of first version: 9.12.2021

Department issuing data sheet:

see section 1: Department responsible for information

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Abbreviations and acronyms:

Acute Tox.: Acute toxicity

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

Aquatic Acute: Hazardous to the aquatic environment - acute Aquatic Chronic: Hazardous to the aquatic environment - chronic

AS/NZS: Australian Standards/New Zealand Standards

Asp. Tox.: Aspiration toxicity CAS: Chemical Abstracts Service CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level DNEL: Derived no-effect level EC: European Community

EC50: Effective Concentration 50%

EN: European Standard EQ: Excepted quantities EU: European Union Eve Dam.: Eve damage

IATA: International Air Transport Association

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LC50: Median lethal concentration

LD50: Lethal dose 50% LEL: Lower Explosion Limit

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

M-factor: Multiplication factor

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic PNEC: Predicted no-effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

Repr.: Reproductive toxicity

RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

Skin Corr.: Skin corrosion Skin Sens.: Skin sensitisation

STOT RE: Specific target organ toxicity - repeated exposure STOT SE: Specific target organ toxicity - single exposure

SVHC: Substance of very high concern

TRGS: Technical Rules for Hazardous Substances vPvB: Very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

> Most recent product information is available at: http://sumdat.net/w8fpy55d