



Leichtlauf-Motorenöl SAE 10W40

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 15-3-2019 Revision date: 16-5-2019 Supersedes: 15-3-2019 version: 5.0

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

1.1. Product identifier

Product form : Mixture
Product name : Leichtlauf-Motorenöl SAE 10W40
Product code : ATR.10W40

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

1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use
Use of the substance/mixture : Automotive care products
Function or use category : Lubricants and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Auto-Teile-Ring GmbH
Otto-Hirsch-Brücken 17
D-70329 Stuttgart - Germany
T +49 (0)711 918979-99
info@cartechnic.de - www.cartechnic.de

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|--|---|------------------|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | Beaumont Hospital Beaumont Road 9 Dublin | : +353 1 8379964 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER London | +44 20 7188 7188 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Precautionary statements (CLP) : P103 - Read label before use.
P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.

2.3. Other hazards

Other hazards not contributing to the classification : Prolonged or repeated contact may cause skin to become dry or cracked.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|---|
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] | (CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 | 50 - 75 | Not classified |
| Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. | (CAS-No.) 64742-55-8 (EC-No.) 265-158-7 (EC Index-No.) 649-468-00-3 | 10 - 25 | Asp. Tox. 1, H304 |
| Mineral oil | | 10 - 25 | Asp. Tox. 1, H304 |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | (CAS-No.) 72623-87-1 (EC-No.) 276-738-4 (EC Index-No.) 649-483-00-5 (REACH-no) 01-2119474889-13 | 10 - 25 | Asp. Tox. 1, H304 |
| Mineral oil | | <= 5 | Not classified |
| Polyolefine polyamine succinimide, polyol | (CAS-No.) 147880-09-9 | <= 3 | Aquatic Chronic 4, H413 |
| Longchain calciumalkarylsulfonaat | (CAS-No.) 722503-69-7 | <= 3 | Aquatic Chronic 4, H413 |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts | (CAS-No.) 68784-31-6 (EC-No.) 272-238-5 (REACH-no) 01-2119657973-23 | <= 2,5 | Eye Dam. 1, H318 Aquatic Chronic 2, H411 |

Comments : Highly refined mineral oil, contains <3% (w / w) DMSO extract, according to IP346

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------------|---|
| General | : Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand. |
| After inhalation | : Get medical advice/attention if you feel unwell. Remove victim to fresh air and keep at rest in a position comfortable for breathing. SYMPTOMS MAY BE DELAYED. Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure. |
| After skin contact | : Change contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. |
| After eye contact | : If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye contact, immediately rinse with clean water for 10-15 minutes. |
| After ingestion | : Get immediate medical advice/attention. Do NOT induce vomiting. Rinse mouth out with water. |

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

| | |
|--------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| After inhalation | : No specific data. |
| After skin contact | : Contact during a long period may cause light irritation. Repeated exposure may cause skin dryness or cracking. |
| After eye contact | : No specific data. |
| After ingestion | : No specific data. |

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

Treat symptomatically. Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Water spray. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon dioxide. Carbon monoxide. Nitrogen oxides. sulphur dioxide.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions : Evacuate area.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Complete protective clothing.
Other information : Exercise caution when fighting any chemical fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and eye/face protection.

6.1.2. For emergency responders

Protective equipment : Protective gloves. Use personal protective equipment as required.

6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Hand over to officially registered waste disposal company.
Methods for cleaning up : Absorb remaining liquid in sand or inert absorbent and remove to safe place.
Other information : Can be slippery on hard, smooth walking area.

6.4. Reference to other sections

Information on disposal - see Section 13. Information on personal protective equipment - see Chapter 8. See Heading 1.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Eliminate all ignition sources if safe to do so.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed.
Storage conditions : Store in a closed container. Use appropriate container to avoid environmental contamination.
Incompatible products : Oxidizing agent.
Storage temperature : < 40 °C
Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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| | | |
|---|---|------------------------------|
| EU | IOELV TWA (mg/m ³) | 5 mg/m ³ oil mist |
| Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7) | | |
| EU | IOELV TWA (mg/m ³) | 5 mg/m ³ |
| EU | IOELV STEL (mg/m ³) | 10 mg/m ³ |
| Germany | TRGS 910 Acceptable concentration notes | |

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

| | | |
|---------|---|----------------------|
| EU | IOELV TWA (mg/m ³) | 5 mg/m ³ |
| EU | IOELV STEL (mg/m ³) | 10 mg/m ³ |
| Germany | TRGS 910 Acceptable concentration notes | |

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8.2. Exposure controls

Technical measures:

Ensure good ventilation of the work station.

Materials for protective clothing:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Hand protection:

In case of repeated or prolonged contact wear gloves

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|------|----------------------|------------|----------------|--|------------|
| | Nitrile rubber (NBR) | | >0.17 mm | Time of penetration is to be checked with the glove producer | EN ISO 374 |

Eye protection:

Safety glasses

Skin and body protection:

None under normal use

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls:

Avoid release to the environment.

Other information:

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Physical state | : Liquid |
| Appearance | : Oily. |
| Colour | : brown. |
| Odour | : characteristic. |
| Odour threshold | : No data available |
| pH | : 8 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : > 300 °C |
| Flash point | : > 200 °C |
| Auto-ignition temperature | : > 300 °C |
| Decomposition temperature | : > 300 °C |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : < 0,01 kPa |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 874 g/l @ 15°C |
| Solubility | : Water: practically insoluble |
| Log Pow | : No data available |
| Viscosity, kinematic | : 98,5 mm ² /s 40C |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

None under normal use.

10.5. Incompatible materials

Oxidizing agent. Acids and bases.

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours e.g.: carbon monoxide - carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|---|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| Additional information | : Low order of acute / systemic toxicity. |

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

| | |
|----------------------------|-------------|
| LD50 dermal rat | 2000 ml/kg |
| LC50 inhalation rat (mg/l) | > 5 mg/l/4h |

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

| | |
|---|-----------------|
| LD50 oral rat | > 5000 kilogram |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 5,53 mg/l/4h |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified pH: 8 |
| Additional information | : Repeated or prolonged skin contact may cause irritation Repeated exposure may cause skin dryness or cracking. |
| Serious eye damage/irritation | : Not classified pH: 8 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

| | |
|----------------------------|------------------------------------|
| NOAEL (dermal, rat/rabbit) | > 2000 mg/kg bodyweight bodyweight |
|----------------------------|------------------------------------|

| | |
|------------------------|------------------|
| STOT-repeated exposure | : Not classified |
|------------------------|------------------|

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

| | |
|--|-----------------------------|
| NOAEL (oral, rat, 90 days) | > 1000 mg/kg bodyweight/day |
| NOAEL (subacute, oral, animal/male, 28 days) | > 220 mg/kg bodyweight |
| NOAEL (subchronic, oral, animal/male, 90 days) | > 980 mg/kg bodyweight |

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Aspiration hazard : Not classified

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| | |
|----------------------|-----------------------------|
| Viscosity, kinematic | 98,5 mm ² /s 40C |
|----------------------|-----------------------------|

SECTION 12: Ecological information

12.1. Toxicity

General : Harmful to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

| | |
|-------------|------------|
| LC50 fish 1 | > 100 mg/l |
|-------------|------------|

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

| | |
|-------------|----------------|
| LC50 fish 1 | > 100 mg/l 96h |
|-------------|----------------|

| | |
|--------------------------------|------------|
| LC50 other aquatic organisms 1 | > 100 mg/l |
|--------------------------------|------------|

| | |
|---------------|----------------|
| ErC50 (algae) | > 100 mg/l 48h |
|---------------|----------------|

| | |
|-------------------|----------|
| NOEC chronic fish | 100 mg/l |
|-------------------|----------|

Polyolefine polyamine succinimide, polyol (147880-09-9)

| | |
|-------------|-------------------|
| LC50 fish 1 | No data available |
|-------------|-------------------|

12.2. Persistence and degradability

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| | |
|-------------------------------|--|
| Persistence and degradability | Not soluble in water, so only minimally biodegradable. |
|-------------------------------|--|

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

12.3. Bioaccumulative potential

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

| | |
|---------|-----|
| Log Pow | > 3 |
|---------|-----|

| | |
|---------------------------|--------------------|
| Bioaccumulative potential | No data available. |
|---------------------------|--------------------|

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)

| | |
|---------|-----|
| Log Pow | > 6 |
|---------|-----|

| | |
|---------------------------|-------------------------|
| Bioaccumulative potential | highly bioaccumulative. |
|---------------------------|-------------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

European List of Waste (LoW) code : 13 02 00 - waste engine, gear and lubricating oils

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

15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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| ADR | IMDG |
|---|----------------|
| 14.1. UN number | |
| Not applicable | Not applicable |
| 14.2. UN proper shipping name | |
| Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | |
| Not applicable | Not applicable |
| 14.4. Packing group | |
| Not applicable | Not applicable |
| 14.5. Environmental hazards | |
| Not applicable | Not applicable |
| No supplementary information available | |
| 14.6. Special precautions for user | |
| Overland transport | |
| Not applicable | |
| Transport by sea | |
| Not applicable | |
| 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code | |
| Not applicable | |

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| H304 | May be fatal if swallowed and enters airways. |
| H318 | Causes serious eye damage. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |

SDS MPM REACH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.