



# AUTOL AGROTECH 10W-40

Material number 14090

Revision date: 21.4.2026  
Version: 5.1  
Replaces version: 5.0  
Language: en-DE  
Date of print: 20.5.2026

## 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 AGROTECH 10W-40

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

General use: Tractor oil.

### 1.3 Details of the supplier of the safety data sheet

Company name: Enilive Schmiertechnik GmbH

Street/POB-No.: Paradiesstraße 14

Postcode, city: 97080 Würzburg

Germany

Email: info.wuerzburg@enilive.com

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

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Department responsible for information:

Application Engineering & Product Management (AEPM)

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

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### 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)

This mixture is classified as not hazardous.

### 2.2 Label elements

#### Labelling (CLP)

Hazard statements: not applicable

Precautionary statements: not applicable

#### Special labelling

EUH210

Safety data sheet available on request.



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### 2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Outflowing product can lead to the formation of a film on the water surface, which reduces oxygen exchange and may result in the death of organisms.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% (w/w) or higher. The product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

### 3.2 Mixtures

Chemical characterisation: A mixture of mineral oil and additives.

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119484627-25-xxxx EC No. 265-157-1 CAS 64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1; H304.	5 - 10 %
REACH 01-2119474889-13-xxxx EC No. 276-738-4 CAS 72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based Asp. Tox. 1; H304.	5 - 10 %
REACH 01-2119487077-29-xxxx EC No. 265-158-7 CAS 64742-55-8	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1; H304.	1 - 5 %
REACH 01-2119471299-27-xxxx EC No. 265-169-7 CAS 64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic Asp. Tox. 1; H304.	1 - 5 %
REACH 01-2119521201-61-xxxx EC No. 288-917-4 CAS 85940-28-9	Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts Skin Irrit. 2; H315. Eye Dam. 1; H318. Aquatic Chronic 2; H411. Specific concentration limits (SCL): Skin Irrit. 2; H315: C ≥ 15 % / Eye Dam. 1; H318: C ≥ 20 % / Eye Irrit. 2; H319: 15 % ≤ C < 20 % (expert judgement and weight of evidence determination (Prior supplier))	< 2,5 %

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

Additional information: This product contains Distillates (petroleum), hydrotreated heavy paraffinic or Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based.  
The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.



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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General information: Take off contaminated clothing and wash it before reuse.
- In case of inhalation: Remove casualty to fresh air and keep warm and at rest. If breathing becomes irregular or ceases, apply rescue breathing or artificial respiration immediately, where required supply oxygen.  
Subsequently consult physician.
- Following skin contact: After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.
- 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. Seek medical attention.

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

After contact with skin:  
Frequently or prolonged contact with skin may cause dermal irritation.

### 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:  
Water spray jet, foam, extinguishing powder, carbon dioxide.
- Extinguishing media which must not be used for safety reasons:  
Full water jet

### 5.2 Special hazards arising from the substance or mixture

Combustible.  
May form dangerous gases and vapours in case of fire.  
Furthermore, there may develop: Pyrolysis products, hydrocarbons, hydrogen sulfide, nitrogen oxides (NO<sub>x</sub>), phosphorus oxides, carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

- Special protective equipment for firefighters:  
Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.
- Additional information:  
Cool endangered containers with water spray jet. 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.

### 6.2 Environmental precautions

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

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Prevent spread over a wide area (e.g. by containment or oil barriers).

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. Avoid oil mist formation.  
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.

Precautions against fire and explosion:

Keep away from heat. Keep away from sources of ignition - No smoking.

When handling larger quantities, take precautionary measures against electrostatic charging.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store container tightly closed in a dry area. Keep in a cool place.

Store only in original container.

Protect from heat and direct sunlight.

Recommended storage temperature: < 50 °C.

Hints on joint storage:

Do not store together with: Strong oxidizing agents.

Keep away from food, drink and animal feedingstuffs.

Storage class:

10 = Combustible liquids that cannot be assigned to any of the above storage classes

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

DNEL Workers, long-term, systemic, inhalative: 2,73 mg/m<sup>3</sup>

DNEL Workers, long-term, local, inhalative: 5,58 mg/m<sup>3</sup>

DNEL Workers, long-term, systemic, dermal: 0,97 mg/kg bw/d

DNEL Consumer, long-term, systemic, oral: 0,74 mg/kg bw/d

Information about Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8):

DNEL Workers, long-term, systemic, inhalative: 2,73 mg/m<sup>3</sup>

DNEL Workers, long-term, local, inhalative: 5,58 mg/m<sup>3</sup>

DNEL Workers, long-term, systemic, dermal: 0,97 mg/kg bw/d

DNEL Consumer, long-term, systemic, oral: 0,74 mg/kg bw/d

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

PNEC oral: 9,33 mg/kg Food

### 8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

### Personal protection equipment

#### Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection.  
Generation/formation of mist: Use filter apparatus type A2/P2.  
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection: Protective gloves according to DIN EN ISO 374-1.  
Qualified glove material: Nitrile rubber (NBR)  
layer thickness: > 0,35 mm  
Breakthrough time: >480 min  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

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

Body protection: Wear suitable protective clothing.

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.

Protect skin by using skin protective cream.

#### Environmental exposure controls

Refer to "6.2 Environmental precautions".



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## 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:	light yellow-light brown
Odour:	Characteristic
Melting point/freezing point:	No data available
Boiling point:	No data available
Flammability:	No data available
Lower and upper explosion limit:	LEL (Lower Explosion Limit): 0,60 Vol-% UEL (Upper Explosive Limit): 6,50 Vol-%
Flash point:	> 220 °C (DIN ISO 2592)
Auto-ignition temperature:	No data available
Decomposition temperature:	Not applicable
pH:	Not applicable
Kinematic viscosity:	at 40 °C: 85,8 mm <sup>2</sup> /s (ASTM D7279)
Water solubility:	Practically insoluble
Partition coefficient n-octanol/water (log value):	No data available
Vapour pressure:	No data available
Density:	at 15 °C: 0,84 - 0,88 g/mL (DIN EN ISO 12185)
Relative vapour density:	No data available
Particle characteristics:	Not applicable

### 9.2 Other information

Explosive properties:	No data available
Oxidizing characteristics:	No data available
Auto-ignition temperature:	No data available

## 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

The formation of combustible vapours is possible at temperatures above: Flash point.

### 10.4 Conditions to avoid

Protect from heat and direct sunlight.

### 10.5 Incompatible materials

Strong oxidizing agents.



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### 10.6 Hazardous decomposition products

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

Thermal decomposition: Not applicable

## 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.

ATEmix (calculated): ATE > 2.000 mg/kg

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

ATEmix (calculated): ATE > 2.000 mg/kg

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

ATEmix (calculated): ATE (vapour) > 20 mg/L

ATEmix (calculated): ATE (dusts/mist) > 5 mg/L

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.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

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

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

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

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

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

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

### 11.2 Information on other hazards

Endocrine disrupting properties:

None

Other information:

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

LD50 Rat, oral: > 5.000 mg/kg (OECD 401)

LD50 Rabbit, dermal: > 5.000 mg/kg (OECD 402)

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

LD50 Rat, oral: > 5.000 mg/kg (OECD 401)

LD50 Rabbit, dermal: > 5.000 mg/kg (OECD 402)



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### Symptoms

After contact with skin:  
Frequently or prolonged contact with skin may cause dermal irritation.

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity: Information about Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8):  
Fish toxicity:  
LL50 Pimephales promelas (fathead minnow): > 100 mg/L/96h (OECD 203)  
NOELR Oncorhynchus mykiss:  $\geq 1.000$  mg/L/14d  
Daphnia toxicity:  
EL50 Daphnia magna (Big water flea): > 10.000 mg/L/48h (OECD 202)  
NOEL Daphnia magna (Big water flea): 10 mg/L/21d (OECD 211)  
Algae toxicity:  
NOEL Pseudokirchneriella subcapitata (green algae):  $\geq 100$  mg/L/72h (OECD 201)

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

### 12.2 Persistence and degradability

Further details: Not readily biodegradable (according to OECD criteria). Data apply to the main component.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

### 12.6 Endocrine disrupting properties

None

### 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 05\* = Mineral-based non-chlorinated engine, gear and lubricating oils  
\* = Evidence for disposal must be provided.

Recommendation: Send to a hazardous waste incinerator facility under observation of official regulations.



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### Package

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## 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.

### 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 that cannot be assigned to any of the above storage classes

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

Technical guidance air: 5.2.5

Further regulations, limitations and legal requirements:  
No data available



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### National regulations - EC member states

#### Labelling of packaging with <= 125mL content

Hazard statements: EUH210 Safety data sheet available on request.

Precautionary statements: not applicable

Further regulations, limitations and legal requirements:

Use restriction according to REACH annex XVII, no.: 75

### 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:

H304 = May be fatal if swallowed and enters airways.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H411 = Toxic to aquatic life with long lasting effects.

EUH210 = Safety data sheet available on request.

Reason of change: Changes in section 3: Composition / Information on ingredients, concentration range (%)  
Changes in section 15: Regulatory information, water hazard class  
General revision

Date of first version: 24.6.2022

Department issuing data sheet:  
see section 1: Department responsible for information



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### Abbreviations and acronyms:

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 Chronic: Hazardous to the aquatic environment - chronic  
AS/NZS: Australian Standards/New Zealand Standards  
Asp. Tox.: Aspiration toxicity  
ATE: Acute toxicity estimate  
ATEmix: Acute Toxicity Estimate of mixture  
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  
EL50: Effective loading rate 50%  
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods  
EN: European Standard  
EQ: Excepted quantities  
EU: European Union  
Eye Dam.: Eye damage  
Eye Irrit.: Eye irritation  
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  
IMO: International Maritime Organization  
LD50: Lethal dose 50%  
LEL: Lower Explosion Limit  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
NOEL: No Observed Effect Level  
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  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
Skin Irrit.: Skin irritation  
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:  
<https://sumdat.net/03gsf5x0>

