according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name:A.Z. Meisterteile Motorenöl MT-Truck 15W-40 SHPDVersion: 6Latest revision: 30. 04. 2021Date of issue: 11. 10. 2017Page: 1/(15)

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

- 1.1 Product identifier: A.Z. Meisterteile Motorenöl MT-Truck 15W-40 SHPD
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Relevant identified uses: multigrade heavy duty engine oil. Uses advised against: application other than the above.
- 1.3 Details of the supplier of the safety data sheet:

Trader identification: UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. Tel.: 06 1 270 8700 Fax: 06 1 270 8799 E-mail: info@unixauto.hu Technical information: UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. Tel.: 06 1 270 8700 Fax: 06 1 270 8799 E-mail: info@unixauto.hu

Responsible for SDS: UNIX Autó és Alkatrészkereskedelmi Kft. H-1139 Budapest, Frangepán u. 55-57. Tel.: 06 1 270 8700 Fax: 06 1 270 8799 E-mail: info@unixauto.hu

1.4 Emergency telephone number

Emergency telephone (07-15²⁰ h): 06 1 270 8700 (CET) on workdays Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián st. 2-6.) Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary). +36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad) National Health Toxicological Information Service:

SECTION 2 Hazards identification

 Classification of the substance or mixture Hazard Class and Category: Hazard statement: Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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| 2.2 | Label elements | | | | | | |
|-----|--|-----------|-------------------------------------|---|--|--|--|
| | Product identification: Hazardous component(s): GHS Pictogram: Signal word: | | Trade name: | A.Z. Meisterteile Motorenöl MT-Truck 15W-40 SHPD | | | |
| | | | - | | | | |
| | | | - | | | | |
| | Hazard statement: H412 | Harmfu | l to aquatic life | with long lasting effects. | | | |
| | chain derivs, Precautionary statements – Precautionary statements – | | s Calcium long Ilkaryl sulfonate | e-chain (C20-26) alkaryl sulfonate, Calcium long e and Benzenesulfonic acid, mono-C16-24-alkyl ay produce an allergic reaction. | | | |
| | | | General: - | | | | |
| | | | Prevention: elease to the env | vironment. | | | |
| | Precautionary statements – Response: - | | | | | | |
| | Precautionary statements – Storage: - | | | | | | |
| | Precautionary statements – P501 Dispos | | | tainer in accordance with national regulation. | | | |
| | Other liabilities for Tactile warning of Transport classifica | danger: | Not require | .d. | | | |
| 2.3 | Other hazards The product does n (EC) 1907/2006. | ot contai | n any PBT or vF | VB substance according to annex XIII of regulation | | | |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Motorenöl MT-Truck 15W-40 SHPD

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SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of refined mineral base oils containing additives.

Component(s) / Hazardous component(s):

| Name | EC | CAS | Hazard classes and | Hazard | Conc. |
|--|-----------|-------------|--|----------------------|-----------|
| | number | number | cat. | statements | %(m/m) |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic* REACH Registr. Nr.: 01-2119471299-27 | 265-169-7 | 64742-65-0 | (Note L) | - | max. 90 |
| Distillates (petroleum), solvent-dewaxed light paraffinic REACH Registr. Nr.: 01-2119480132-48 | 265-159-2 | 64742-56-9 | Asp. Tox. 1 (Note L) | H304 | max. 10 |
| Mineral oil raffinate mixture | mixture | mixture | - (Note L) | - | max. 7.0 |
| Mineral oil raffinate mixture ** | mixture | mixture | Asp. Tox. 1 (Note L) | H304 | max. 6.0 |
| Distillates (petroleum), hydrotreated heavy paraffinic* REACH Registr. Nr.: 01-2119484627-25 | 265-157-1 | 64742-54-7 | (Note L) | - | max. 6.0 |
| Zinc alkyl dithiophosphate*** REACH Registr. Nr.: 01-2119657973-23 | 272-238-5 | 68784-31-6 | Eye Dam. 1 Aquatic Chronic 2 | H318 H411 | max. 1.3 |
| Calcium long-chain (C20-26) alkaryl sulfonate**** REACH Registr. Nr.: polymer | polymer | 722503-69-7 | Skin Sens 1B | H317 | max. 1.3 |
| Phosphorodithioic acid, mixed O,O-bis(1,3- dimethylbutyl and iso- Pr)esters, zinc salts*** REACH Registr. Nr.: 01-2119493626-26 | 283-392-8 | 84605-29-8 | Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 2 | H315 H318 H411 | max. 1.1 |
| Calcium long chain alkaryl sulfonate REACH Registr. Nr.: polymer | polymer | 722503-68-6 | Skin Sens 1B | H317 | max. 0.70 |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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| Name | EC | CAS | Hazard classes and | Hazard | Conc. |
|-------------------------|-----------|-------------|--------------------|-------------|-----------|
| Ivallie | number | number | cat. | statements | %(m/m) |
| Benzenesulfonic acid, | 274-263-7 | 70024-69-0 | Skin Sens. 1B | H317 | max. 0.6 |
| mono-C16-24-alkyl | | | | | |
| derivs., calcium salts | | | | | |
| REACH Registr. Nr.: | | | | | |
| 01-2119492616-28 | | | | | |
| O,O,O-triphenyl | 209-909-9 | 597-82-0 | Repr. 2 | H361fd | max. 0.11 |
| phosphorothioate | | | | | |
| Phenol, (tetrapropenyl) | 616-100-8 | 74499-35-7 | Skin Corr. 1C | H314 | < 0.05 |
| derivatives**** | | | Eye Dam. 1 | H318 | |
| REACH Registr. Nr.: | | | Repr. 1B | H360F | |
| no data | | | Aquatic Acute 1 | H400 (M=10) | |
| | | | Aquatic Chronic 1 | H410 (M=10) | |
| Phenol, dodecyl-, | 310-154-3 | 121158-58-5 | Skin Corr. 1C | H314 | < 0.04 |
| branched***** | | | Eye Dam. 1 | H318 | |
| REACH Registr. Nr.: | | | Repr. 1B | H360F | |
| 01-2119513207-49 | | | Aquatic Acute 1 | H400 (M=10) | |
| | | | Aquatic Chronic 1 | H410 (M=10) | |

*: with exposure limit

** The mixture contains one or more of the following substances:

EC number: 265-157-1 REACH Registration number: 01-2119484627-25 EC number: 265-169-7 REACH Registration number: 01-2119471299-27 EC number: 265-158-7 REACH Registration number: 01-2119487077-29 EC number: 265-159-2 REACH Registration number: 01-2119480132-48

***The product always contains only one ingredient.

Specific concentration limit:

Skin Irrit. 2; : 6.25 % \leq C \leq 100 %;

Eye Irrit. 2; : 10 % < C \leq 12.5 %; Eye Dam. 1; : 12.5 % < C \leq 100 %

**** Specific concentration limit: Skin Sens 1; C>1,3%

***** The product always contains only one ingredient.

Note L: The classification as a carcinogen need not apply according to 1272/2008/EC, because it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346.

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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SECTION 4 First aid measures

- Description of first aid measures 4.1 General information: Never give anything by mouth to an unconscious person, or never induce vomiting. Inhalation: Remove the affected person to fresh air. In case of a complaint, call medical attention. Remove contaminated clothing. Wash skin with large amounts of water, use Skin contact: soap. In case of a complaint, get medical attention. Flush eyes with plenty of water for 10-15 minutes. In case of a complaint, get Eye contact: medical attention. If swallowed, give water. Do not induce vomiting. Get medical attention. Ingestion: Protection of first-aid person: No data available.
- 4.2 Most important symptoms and effects, both acute and delayed Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity. May produce an allergic reaction.
- 4.3 Indication of any immediate medical attention and special treatment needed Not required.

SECTION 5 Fire-fighting measures

Fire hazards: Combustible.

5.1 Extinguishing mediaSuitable extinguishing media: Foam, carbon dioxide, dry chemical powder.

> Unsuitable extinguishing media: Water jet.

 5.2 Special hazards arising from the substance or mixture Hazardous combustion products: On burning, carbon dioxide, carbon monoxide, sulphur oxides, phosphor oxides, various hydrocarbons and soot can be formed.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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5.3 Advice for fire-fighters

Special protective equipment: According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Personal precautions: see Section 8. Danger of slipping on leaked out/spilled product.
- 6.2 Environmental precautions: Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority.
- 6.3 Methods and material for containment and cleaning up
 - On soil: All kind of ignition sources should be remove. Recover free liquid by pumping. Contain the rest or small quantities with sand, earth or other suitable absorbents. Dispose of according to local regulations.
 - On water: Confine the spillage. Remove from surface by skimming or suitable absorbents. Notify local authorities according to regulations.
- 6.4 Reference to other sections Personal precautions: see section 8. Waste treatment methods: see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Keep general measures applied for normal operations with lubricants and flammable liquids.
Keep away from radiant heat and open flame.
Avoid contact with skin and eyes. Avoid prolonged breathing of oil vapours or mists.
Ensure washing facilities after working hours and before breaks. Take off contaminated clothing and wash it before reuse.
When using do not eat, drink or smoke. Avoid splashing the product.
Handling temperature: not known.

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



| Tra | de n | ame: | A.Z. Meistert | eile Motore | nöl MT-Truck 15W-40 SH | PD | |
|---|-------------------|-----------------------------|--|---|--|---------------|--|
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| | | | | | | | |
| 7.2 | | Storag Store i Keep a | n dry, well ventilate | ply with regu d place in orige at, open flame | ncompatibilities lations for storing of flammable l inal, closed containers. e and strong oxidizing agents. | iquids. | |
| 7.3 | - | | end use(s) grade heavy duty eng | ine oil. | | | |
| SEC | TIO | N 8 | Exposure con | trols / person | al protection | | |
| 8.1 | Cor | ntrol p | arameters: | | | | |
| | Mineral oil mist: | | TWA: 5 mg/m³ ; STEL: 10 mg/m ³ , for oil mist, vapour excluded (ACGIH). | | | | |
| | l | Metho | d of testing, recomm | ended: NIOS | H 5026 | | |
| 8.2 | Exp | osure | controls | | | | |
| | | | ng control measures quired. | : | | | |
| | Per | sonal | protection: | | | | |
| | | • | face protection | Where splas | hing is possible, wear safety glas | ses (EN 166). | |
| | (D) | (i) | protection Hand protection | power level | gloves (EN 374, Breakthrough t 6; PR flow rate: 0). Ifacturer's directions for use and | | |
| | | | | | should be observed. | | |
| (ii) Other (c) Respiratory protection (c) Respiratory protection (c) Respiratory protection (c) Respiratory protection (c) Protective clothing (oil resistant). (c) Under normal conditions not required. In case of exc exposure-limits respiratory protection with particle-filt recommended. | | | | | | | |
| | (d) | Ther | mal hazards | No data. | | | |
| | Env | | nental exposure contr ot discharge into dra | | iters/groundwater. | | |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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SECTION 9 Physical and chemical properties

| 9.1 | Info | ormation on basic physical and chemical properties | |
|-----|------------|--|-----------------------------------|
| | a) | Physical state: | liquid |
| | b) | Colour: | brown, clear |
| | c) | Odour: | characteristic |
| | d) | Melting point/freezing point (Pour point) (ISO 3016): | typ30°C |
| | e) | Boiling point or initial boiling point and boiling range | |
| | | (DIN 51356): | not available |
| | f) | Flammability: | combustible |
| | g) | Lower and upper explosion limit: | not available |
| | h) | Flash point (COC) (EN ISO 2592): | typ. 225°C |
| | i) | Auto-ignition temperature: | not available |
| | j) | Decomposition temperature: | not available |
| | k) | pH: | not applicable |
| | 1) | Kinematic viscosity (EN ISO 3104): | |
| | | at 40°C: | typ. 113.5 mm ² /s |
| | | at 100°C: | typ. 14.7 mm ² /s |
| | m) | Solubility | |
| | | Solubility in water: | practically insoluble in water |
| | | Solubility in other solvents: | gasoline, kerosene, toluene, etc. |
| | n) | Partition coefficient n-octanol/water (log value): | not available |
| | o) | Vapour pressure at 20°C: | negligible |
| | p) | Density and/or relative density at 15°C (EN ISO 12185): | $0.870 - 0.890 \text{ g/cm}^3$ |
| | q) | Relative vapour density: | not available |
| | r) | Particle characteristics: | not available |
| 9.2 | Oth | ner information | |
| | | no data available | |

Stability and reactivity SECTION 10

| 10.1 Reactivity: | Dangerous reactivity not known. |
|--|---|
| 10.2 Chemical stability: | No decomposition if stored and handled properly. |
| 10.3 Possibility of hazardous reactions: | Not known. |
| 10.4 Conditions to avoid: | Direct heat or ignition sources. |
| 10.5 Incompatible materials: | Strong oxidizing agents. |
| 10.6 Hazardous decomposition products: | No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5. |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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SECTION 11 Toxicological information

| 11.1 | Information on hazard | l classes as | s defined in R | egulatio | n (EC) No 127 | 2/2008 |
|------|--|--|--|--|---|--|
| | Acute toxicity: Based | on availat | ole data, the c | lassificat | tion criteria are | e not met |
| | Oral: Dermal: | LD ₅₀ (ra LD ₅₀ (ra | , | > 2000 > 2000 | mg/kg mg/kg | (based on components) (based on components) |
| | Components:Distillates (petroleum), solvent-oOral:LD50 (ration)Dermal:LD50 (ration)Inhalation:LC50 (ration) | | bbit) $> 2000 \text{ mg/kg}$ | | mg/kg mg/kg mg/L | |
| | $\begin{array}{c c} \text{Distillates (petroleum), solvent-}\\ \text{Oral:} & \text{LD}_{50} (ra\\ \text{Dermal:} & \text{LD}_{50} (ra\\ \text{Inhalation:} & \text{LC}_{50} (ra) \end{array}$ | | t) bbit) | > 5000 > 2000 | mg/kg | 42-56-9) (literature data) (literature data) (literature data) |
| | Distillates (petroleum), hydrotre Oral: LD_{50} (ra Dermal: LD_{50} (ra Inhalation: LC_{50} (ra | | t) bbit) | > 2000 > 2000 | (CAS: 64742- mg/kg mg/kg mg/m ³ | 54-7) OECD 401 OECD 402 OECD 403 |
| | Phenol, (tetrapropeny) Oral: Dermal: | l) derivativ LD ₅₀ (ra LD ₅₀ (ra | t) | 2200 | 7) mg/kg mg/kg | OECD 401 OECD 402 |
| | Skin corrosion/irritation Serious eye damage/ir | | | | , | fication criteria are not met. Fication criteria are not met. |
| | Respiratory or skin sensitisation: | | Based on av | vailable o | lata, the classif | fication criteria are not met. |
| | Germ cell mutagenicit Carcinogenicity: Reproductive toxicity: STOT-single exposure STOT-repeated expos Aspiration hazard: | 2: | Based on av Based on av Based on av Based on av | vailable o vailable o vailable o vailable o | lata, the classif lata, the classif lata, the classif lata, the classif lata, the classif | Fication criteria are not met. Fication criteria are not met. |
| 11.2 | Information on other h No data. | nazards | | | | |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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SECTION 12 Toxicological information

| 12.1 | Toxicity | Harmful to aqu | atic life v | with long l | asting effects. |
|------|--|--------------------|-------------|-------------|-----------------|
| | Components: | | | | |
| | Distillates (petroleum), solvent-dewaxed | heavy paraffinic | (CAS: 64 | 4742-65-0) |) |
| | Fishes: | LC_{50} | > 100 | | |
| | Daphnia: | EC50 | > 100 | mg/L | |
| | Other aquatic organisms: | EC50 | > 100 | mg/L | |
| | Other living beings: | TLM | >1 | mg/L | |
| | Distillates (petroleum), solvent-dewaxed | light paraffinic (| CAS: 64 | 742-56-9) | |
| | Fishes: | LC_{50} | > 100 | mg/L | |
| | Other aquatic organisms: | EC ₅₀ | > 100 | mg/L | |
| | Algae: | ErC_{50} | > 100 | mg/L | |
| | Crustacea: | NOEC | >1 | mg/L | |
| | Distillates (petroleum), hydrotreated heav | y paraffinic (CA | S: 64742 | 2-54-7) | |
| | Fish: | | >1000 | | 96 h (OECD 203) |
| | Daphnia: | | >100 | mg/L | 48 h (OECD 202) |
| | Algae: | | >100 | mg/L | 72 h (OECD 201) |
| | Zinc -alkyl-dithiophosphate (CAS: 84605 | (-29-8) | | | |
| | Fish (Oncorhynchus mykiss): | LC_{50} | 4,5 | mg/L | 96 h |
| | Fish (Mutton-headed carp): | LC_{50} | | mg/L | 96 h |
| | Fish (Oncorhynchus mykiss): | NOEC | | mg/L | 96 h |
| | Daphnia: | EC_{50} | | mg/L | 48 h |
| | Daphnia: | EC_{50} | >0.8 | mg/L | 21 days |
| | Daphnia: | NOEC | 10 | mg/L | 48 h |
| | Daphnia: | NOEC | 0.4 | mg/L | 21 days |
| | Green algae: | EC_{50} | 21 | mg/L | 72 h |
| | Green algae: | NOEC | 10 | mg/L | 72 h |
| | Phenol, (tetrapropenyl) derivatives (CAS | : 74499-35-7) | | | |
| | Fish (Rainbow trout): | LC ₅₀ | 40 | mg/L | 96 h |
| | Daphnia: | EC ₅₀ | 0.037 | mg/L | 48 h |
| | Crustacea (Mysidopsis Bahia): | EC ₅₀ | >0.58 | mg/L | 96 h |
| | Daphnia: | EC ₅₀ | 0.0079 | mg/L | 21 days |
| | Daphnia: | NOEC | 0.0037 | mg/L | 21 days |
| | Algae: | EC50 | 0.36 | mg/L | 72 h |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



| acci | Juling to legu | auton 1907/2000/EC (REACT) and | 1272/2000/LC | | weister tene | | |
|------|---|--|--|--|--|--|--|
| Tra | de name: | A.Z. Meisterteile Moto | renöl MT- T | Fruck 15W-40 SE | IPD | | |
| Ver | sion: 6 | Latest revision: 30. 04. 2021 | Date of is | ssue: 11. 10. 2017 | Page: 11/(15) | | |
| | Fish (Fa Daphni Crustac Daphni Daphni Algae: | ea (Mysidopsis Bahia): a: a: | $\begin{array}{c} LC_{50} \\ EC_{50} \\ EC_{50} \\ EC_{50} \\ NOEC \\ EC_{50} \end{array}$ | 40 mg/L 0.037 mg/L >0.58 mg/L 0.0079 mg/L 0.0037 mg/L 0.36 mg/L | 96 h 48 h 96 h 21 days 21 days 72 h | | |
| 2.2 | Persistence Biodegrad Zinc -alky Phenol, (te | rganisms (activated sludge): e and degradability ability: l-dithiophosphate etrapropenyl) derivatives odecyl-, branched | 1.5 % (28 da 25 % (28 day | >1000 mg/L ns are inherently degr ys, OECD TG 301B ys, OECD TG 301 B ys, OECD TG 301 B |)) | | |
| 2.3 | Bioaccum | ulative potential | No data available. | | | | |
| 2.4 | Mobility in Mobility in | | Absorbs in s Floats on wa | | | | |
| 2.5 | Results of | PBT and vPvB assessment | Does not contain PBT and vPvB substances. | | | | |
| 2.6 | Endocrine | disrupting properties | No data. | | | | |
| 2.7 | Heavy met | erse effects tal content: and other chlorinated ons: | None. None. | | | | |
| | Environme | ental effects: ard class (German): | impaired ox | form a film on wa ygen transfer. assification by AwSV | ter surfaces causing /). | | |
| SEC | TION 13 | Disposal considerations | | | | | |
| 13.1 | Product di | tment methods sposal: of the product or used oil shou | ald be treated a | s hazardous waste. | | | |
| | | dentification Code: 13 02 05* | 1.1.1 | • .• •• | | | |

Mineral-based non-chlorinated engine, gear and lubricating oils.

Recommended waste treatment method: incineration

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

SECTION 14 Transport information

| | d transport: load/ Railway | ADR/RID: | Not classified. |
|---|---|-----------|--|
| 14.2 UN14.3 Tran14.4 Pack14.5 Envi | number or ID number: proper shipping name: asport hazard class(es): king group: ironmental hazards: cial precautions for user: | | Not classified. Not classified. Not classified. Not classified. Not classified. Not classified. |
| Iı | erways: nland waterways/ Sea transport transport: ICAO / IATA: | ADN/IMDG: | Not apply to the product. Not apply to the product. |

SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008. Seveso category: not classified.
- 15.2 Chemical safety assessment. not available

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



| Trade name: | A.Z. Meisterteile Motore | enöl MT-Truck 15W-40 SH | PD |
|-------------|-------------------------------|-----------------------------|---------------|
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SECTION 16 Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Classification for mixtures and used evaluation method according to regulation 1272/2008/EC (CLP)

Aquatic Chronic 3 H412 calculation method

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

| H304 H314 | May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. |
|-------------------|---|
| H315 | Causes severe skin burns and eye damage. Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H360F | May damage fertility. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Skin Corr. 1C | Skin corrosion/irritation Category 1C |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens 1B | Respiratory/skin sensitization Category 1B |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Repr. 1B | Reproductive toxicity Category 1B |
| Repr. 2 | Reproductive toxicity Category 2 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, Acute Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, Chronic Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, Chronic Category 2 |
| | |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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Legend:

| 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 |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration Factor |
| BOD | Biological Oxygen Demand |
| Bw | Body Weight |
| C&L | Classification and Labelling |
| CAS | Chemical Abstracts Service |
| CLP | Classification and Labelling |
| CMR | Carcinogenic, Mutagenic or toxic to Reproduction |
| COD | Chemical Oxygen Demand |
| CSA | Chemical Safety Assessment |
| CSR | Chemical Safety Report |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No Effect Level |
| ECHA | European Chemicals Agency |
| Ecx | Effective Concentration x% |
| ErC50 | EC50 in terms of reduction of growth rate |
| Edx | Effective Dose x% |
| EC | European Community |
| EC number | European Community number |
| ELINCS | European List of Notified Chemical Substances |
| ES | Exposure Scenario |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LCx | Lethal Concentration x% |
| LDx | Lethal Dose x% |
| LOAEC | Lowest Observed Adverse Effect Concentration |
| LOAEL | Lowest Observed Adverse Effect Level |
| LOALL | Lowest Observed Effect Concentration |
| LOEL | Lowest Observed Effect Level |
| NOEC | No observed effect concentration |
| NOEL | No observed effect level |
| NLP | No-Longer Polymer |
| NOAEL | No Observed Adverse Effect Level |
| OECD | Organisation for Economic Cooperation and Development |
| PBT | Persistent Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| | parts/million |
| ppm REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Regulations concerning the International carriage of Dangerous Goods by Rail |
| κι <i>υ</i> | Regulations concerning the international carriage of Daligerous Goods by Rail |
| | |

according to regulation 1907/2006/EC (REACH) and 1272/2008/EC



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| SVHC | Substance of Very High Concern |
|------|---|
| UVCB | substance of unknown or variable composition, complex reaction products or biological materials |
| VOC | Volatile organic compounds |
| vPvB | Very Persistent and very Bio-accumulative |

Revision Indicators:

| Section | Subject of change | Date | Version |
|---------|---|--------------|---------|
| 2 | Hazards identification | 28. 11. 2018 | 2 |
| 3 | Composition/information on ingredients | | |
| 9 | Physical and chemical properties | | |
| 11 | Toxicological information | | |
| 1-16 | Other corrections | | |
| 2 | Hazards identification | 31.01.2020 | 3 |
| 3 | Composition/information on ingredients | | |
| 4.2 | Most important symptoms and effects, both acute and | | |
| | delayed | | |
| 11 | Toxicological information | | |
| 12 | Ecological information | | |
| 1.3 | Details of the supplier of the safety data sheet | 29. 10. 2020 | 4 |
| 2.2 | Label elements | | |
| 3 | Composition/information on ingredients | | |
| 11 | Toxicological information | | |
| 12 | Ecological information | | |
| 1-16 | Full revision due to composition change | 08. 04. 2021 | 5 |
| | Revision modification according to 2020/878/EU | | |
| 3 | Composition/information on ingredients | 30. 04. 2021 | 6 |
| 11 | Toxicological information | | |
| 12 | Toxicological information | | |