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



Trade name: A.Z. Meisterteile Motorenöl MT-7D 5W-40

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

1.1 Product identifier:

#### A.Z. Meisterteile Motorenöl MT-7D 5W-40

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

Relevant identified uses: synthetic diesel motor oil.

Uses advised against: no data.

1.3 Details of the supplier of the safety data sheet:

Trader identification: Technical information:

UNIX Autó és Alkatrészkereskedelmi Kft. UNIX Autó és Alkatrészkereskedelmi Kft.

H-1139 Budapest, Frangepán u. 55-57. H-1139 Budapest, Frangepán u. 55-57.

Tel.: 06 1 270 8700 Tel.: 06 1 270 8700 Fax: 06 1 270 8799 Fax: 06 1 270 8799

E-mail: info@unixauto.hu 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 (07-15<sup>20</sup> 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

2.1 Classification of the substance or mixture

Hazard Class and Category: Hazard statement:

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

Eye Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting

effects.

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



Trade name: A.Z. Meisterteile Motorenöl MT-7D 5W-40

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2.2 Label elements

Product identification: Trade name: A.Z. Meisterteile Motorenöl MT-7D 5W-40

Hazardous components: Calcium long chain alkaryl sulphonate

GHS Pictogram:

Signal word: Warning

Hazard statement:

**H317** May cause an allergic skin reaction.

**H319** Causes serious eye irritation.

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

Supplemental hazard information: -

Precautionary statements – General:

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

P102 Keep out of reach of children.

Precautionary statements – Prevention:

**P273** Avoid release to the environment.

**P280** Wear protective gloves, protective clothing, eye protection/face protection.

Precautionary statements – Response:

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

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

P305 + P351 + IF IN EYES: Rinse cautiously with water for several minutes. Remove

P338 contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary statements – Storage: -

Precautionary statements – Disposal:

**P501** Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger: Not required.

Transport classification: see section 14.

#### 2.3 Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006.

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



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# **SECTION 3** Composition/information on ingredients

# 3.2 Mixtures

Chemical description: Mixture of refined mineral base oils, hydrotreated neutral oil and

synthetic base oil containing additives.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. %(m/m)
Distillates (petroleum), hydrotreated heavy paraffinic* REACH Registr. Nr.: 01-2119484627-25	265-157-1	64742-54-7	Asp.Tox.1 (Note L)	H304	max. 60
Distillates (petroleum), hydrotreated heavy paraffinic* REACH Registr. Nr.: 01-2119484627-25	265-157-1	64742-54-7	(Note L)	-	max. 50
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based REACH Registr. Nr.: 01-2119474878-16	276-737-9	72623-86-0	(Note L)	-	max. 45
Lubricating oils (petroleum) C20-50, hydrotreated neutral oil-based REACH Registr.Nr.: 01-2119474889-13	276-738-4	72623-87-1	Asp.Tox.1 (Note L)	H304	max. 45
Lubricating oils (petroleum) C20-50, hydrotreated neutral oil-based REACH Registr.Nr.: 01-2119474889-13	276-738-4	72623-87-1	(Note L)	1	max. 35
Mineral oil raffinate*		mixture	- (Note L)	1	max. 5
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
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased REACH Registr.Nr.: 01-2119524004-56	272-234-3	68784-26-9	Aquatic Chronic 4	H413	max. 1.3

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



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Name	EU	CAS	Hazard classes and	Hazard	Conc.
Name	number	number	cat.	statements	%(m/m)
Bis(nonylphenyl)amine	253-249-4	36878-20-3	Aquatic Chronic 4	H413	max. 1.3
REACH Registr. Nr.:			_		
01-2119488911-28					
Calcium long chain	polymer	722503-68-6	Skin Sens. 1	H317	max. 1.3
alkaryl sulphonate			Aquatic Chronic 4	H413	
REACH Registr. Nr.:					
no data					
Phenol, dodecyl-, branched	310-154-3	121158-58-5	Skin Corr. 1C	H314	max. 0.2
REACH Registr.Nr.:			Eye Dam. 1	H318	
01-2119513207-49			Repr. 1B	H360F	
			Aquatic Acute1	H400 (M=10)	
			Aquatic Chronic 1	H410 (M=10)	

<sup>\*:</sup> with exposure limit

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.

## **SECTION 4** First aid measures

4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never

induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain

medical attention.

Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use

soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent

irritation, get medical attention.

Ingestion: If swallowed, give water. Do not induce vomiting. Get medical attention.

Protection of first-aid person: No data available.

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Causes serious eye irritation.

Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity.

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



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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 media

Suitable 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, nitrogen oxides, phosphor oxides, various hydrocarbons and soot can be formed.

5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

Collect contaminated firefighting 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.

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



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6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be removed. 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

7.2 Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of flammable liquids.

Store in dry, well ventilated place in original, closed containers.

Keep away from radiant heat, open flame and strong oxidizing agents.

Storage temperature: max. 40°C

7.3 Specific end use(s)

Synthetic diesel motor oil.

## **SECTION 8** Exposure controls / personal protection

8.1 Control parameters:

Mineral oil mist: TWA: 5 mg/m<sup>3</sup>; STEL: 10 mg/m<sup>3</sup>, for oil mist, vapour

excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

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



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## 8.2 Exposure controls

Engineering control measures:

Not required.

Personal protection:

(a) Eye/face protection Protective goggles, if splashes may occur (EN 166).

(b) Skin protection

(i) Hand protection Oil resistant gloves (EN 374, Breakthrough time 480 min) (e.g.

nitrile rubber – minimal thickness 0.33 mm).

Note: Manufacturer's directions for use and the conditions of

application should be observed.

(ii) Other Protective clothing (oil resistant).

(c) Respiratory protection Under normal conditions not required. In case of exceeded

exposure-limits respiratory protection with particle-filter is

recommended.

(d) Thermal hazards No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

# **SECTION 9** Physical and chemical properties

(	<b>)</b> .1		Informati	ion on	hasic r	hvsical	l and a	chemical	properties
_	•	ι.	minomina	OH OH	Dubic p	ii y bicu	ı ana c	monine	properties

a) Physical state: liquid
b) Colour: bright, clear
c) Odour: characteristic
d) Melting point/freezing point (Pour point) (ISO 3016): typ. -39°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. 220°C
i) Auto-ignition temperature: not available
j) Decomposition temperature: not available

j) Decomposition temperature: not availablek) pH: not applicable

1) Kinematic viscosity (EN ISO 3104):

at 40°C: typ. 84.3 mm<sup>2</sup>/s at 100°C: typ. 14.2 mm<sup>2</sup>/s

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



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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): 0.848 – 0.862 g/cm<sup>3</sup>

q) Relative vapour density: not available r) Particle characteristics: not available

9.2 Other information

Heating value: inf. 38 000 kJ/kg

## **SECTION 10** Stability and reactivity

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 No dangerous decomposition products are formed under normal

products: conditions. Hazardous combustion products: See Section 5.

## **SECTION 11** Toxicological information

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

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

Oral:  $LD_{50}$  (rat) > 2000 mg/kg (based on components) Dermal:  $LD_{50}$  (rabbit) > 2000 mg/kg (based on components)

Components:

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

 $\begin{array}{lll} \text{Oral:} & \text{LD}_{50} \ (\text{rat}) & > 5000 \ \text{mg/kg} \\ \text{Dermal:} & \text{LD}_{50} \ (\text{rabbit}) & > 2000 \ \text{mg/kg} \\ \text{Inhalation:} & \text{LC}_{50} \ (\text{rat}) & > 5.53 \ \text{mg/L} \\ \end{array}$ 

Distillates (petroleum), hydrotreated heavy paraffinic

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



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Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Oral:  $LD_{50}$  (rat) > 5000 mg/kg Dermal:  $LD_{50}$  (rabbit) > 2000 mg/kg

Inhalation:  $LC_{50}$  (rat) > 5000 mg/m<sup>3</sup> (dust, mist)

Skin corrosion/irritation: May cause an allergic skin reaction.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin

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

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

STOT-single exposure:

STOT-repeated exposure:

Aspiration hazard:

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

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

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

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

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

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

11.2 Information on other hazards

No data.

## **SECTION 12** Ecological information

12.1 Toxicity Harmful to aquatic life with long lasting effects.

Components:

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

Fish:  $LC_{50}$  > 100 mg/L

Distillates (petroleum), hydrotreated heavy paraffinic

Fish: >1000 mg/L 96 h (OECD 203)
Daphnia: >100 mg/L 48 h (OECD 202)
Algae: >100 mg/L 72 h (OECD 201)

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based Algae: NOEC ≥100 mg/L 72 h

12.2 Persistence and degradability

Biodegradability: No data available.

Lubricating oils (petroleum), C20-

50, hydrotreated neutral oil-based Not easily degradable (OECD 301 B).

Distillates (petroleum), hydrotreated

heavy paraffinic Not easily degradable (OECD 301 B).

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



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12.3 Bioaccumulative potential No data available.

Distillates (petroleum),

hydrotreated heavy paraffinic Log Kow: > 4

12.4 Mobility in soil Absorbs in soil.

Mobility in water: Floats on water.

12.5 Results of PBT and vPvB

assessment Does not contain PBT and vPvB substances.

12.6 Endocrine disrupting properties No data.

12.7 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated

hydrocarbons: None.

Environmental effects: Harmful to aquatic life with long lasting effects.

Water hazard class (German): WGK 2 (Classification by AwSV)

## **SECTION 13** Disposal considerations

#### 13.1 Waste treatment methods

#### Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 13 02 06\* Synthetic engine, gear and lubricating oils.

Waste Identification Code: 13 02 05\*

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

Disposal must be in compliance with national and local regulations.

Recommended waste treatment method: incineration

#### Packaging disposal:

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

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



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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

Land transport:

Road/ Railway ADR/RID: Not classified.

14.1.UN number or ID number:not classified.14.2.UN proper shipping name:not classified.14.3.Transport hazard class(es):not classified.14.4.Packing group:not classified.14.5.Environmental hazards:not classified.

14.6. Special precautions for user: not classified.

Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product.

Air transport: ICAO / IATA: 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



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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)

Skin Sens. 1 H317 calculated Eye Irrit. 2 H319 calculated Aquatic Chronic 3 H412 calculated

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

H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
Ц217	May course an allergic skin reaction

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage. H360F May damage fertility. 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.

H413 May cause long lasting harmful effects to aquatic life.

Asp. Tox. 1 Aspiration hazard Category 1

Skin Corr. 1C Skin corrosion/irritation Category 1C Skin Sens.1 Respiratory/skin sensitization Category 1 Serious eye damage/eye irritation Category 1

Repr. 1B Reproductive toxicity Category 1B

Aquatic Acute 1 Hazardous to the aquatic environment, Acute Category 1 Hazardous to the aquatic environment, Chronic Category 1 Hazardous to the aquatic environment, Chronic Category 2 Aquatic Chronic 4 Hazardous to the aquatic environment, Chronic Category 4

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

Bw Body Weight

C&L Classification and Labelling CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (1272/2008/EC)
CMR Carcinogenic, Mutagenic or toxic to Reproduction

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 LOEC 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

ppm parts/million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Regulations concerning the International carriage of Dangerous Goods by Rail

SVHC Substance of Very High Concern

UVCB substance of unknown or variable composition, complex reaction products or biological

materials

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



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VOC Volatile organic compounds

vPvB Very Persistent and very Bio-accumulative

# **Revision Indicators:**

Section	Subject of change	Date	Version
1-16	Revision modification according to 2020/878/EU	30. 04. 2021	2
2.2	Label elements		
3	Composition/information on ingredients		
11	Toxicological information		
12	Ecological information		