

SAFETY DATA SHEET

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



Trade name: **A.Z. Meisterteile Getriebeöl ATF 1200**

Version: 2 Latest revision: 22. 08. 2022 Date of issue: 05. 12. 2017 Page: 1/(15)

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

1.1 Product identifier:

A.Z. Meisterteile Getriebeöl ATF 1200

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

Relevant identified uses: automatic transmission fluid (ATF).

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: cs@unixauto.com

Technical information:

UNIX Autó és Alkatrészkereskedelmi Kft.

H-1139 Budapest, Frangepán u. 55-57.

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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: cs@unixauto.com

1.4 Emergency telephone number

Emergency telephone (on workdays: 07-15²⁰ h (CET)): +36 1 270 8700

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:

Aquatic Chronic 3

Hazard statement:

H412 Harmful to aquatic life with long lasting effects.

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2.2 Label elements

Product identification: Trade name: **A.Z. Meisterteile Getriebeöl ATF 1200**

Hazardous component(s): -

GHS Pictogram: not required

Signal word: not required

Hazard statement:

H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard information:

EUH208 Contains Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.; 1-(tert-Dodecylthio) propan-2-ol; 1,2-Propanediol, 3-amino-, N,Ndicoco alkyl deriv s.; Benzene, polypropene derivatives, sulfonated, calcium salts; C14-18 alpha-olefin epoxide, reaction products with boric acid. May produce an allergic reaction.

Precautionary statements – General: -

Precautionary statements – Prevention:

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing.

Precautionary statements - Response

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

P333 + P313 If skin irritation or rash occurs: 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, at a concentration of 0.1% or more.

The mixture does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.

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SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of refined mineral oils and syntetic oil containing additives.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
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
Distillates (petroleum), hydrotreated heavy paraffinic* REACH Registr. Nr.: 01-2119484627-25	265-157-1	64742-54-7	- (Note L)	-	max. 45
Distillates (petroleum), hydrotreated light paraffinic REACH Registr. Nr.: 01-2119487077-29	265-158-7	64742-55-8	Asp. Tox. 1 (Note L)	H304	max. 5
Mineral oil raffinate* REACH Registr. Nr.: no data	-	mixture	Asp. Tox. 1 (Note L)	H304	max. 5
Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11-isoalkyloxy) derivs., C10-rich REACH Registr. Nr.: 01-2119969520-35	800-172-4	398141-87-2	Aquatic Chronic 2	H411	max. 1.85
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs. REACH Registr. Nr.: 01-0000019770-68	471-920-1	-	Skin Sens. 1B	H317	max. 0.95
1,2-Propanediol, 3-amino-, N,Ndicoco alkyl derivs. REACH Registr. Nr.: 01-0000020142-86	482-000-4	-	Skin Sens. 1B Aquatic Chronic 3	H317 H412	max. 0.95
1-(tert-Dodecylthio) propan-2-ol REACH Registr. Nr.: 01-2119953277-30	266-582-5	67124-09-8	Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H317 H400 (M=1) H410 (M=1)	max. 0.5
Benzene, polypropene derivatives, sulfonated, calcium salts REACH Registr. Nr.: no data	polymer	-	Skin Sens. 1B	H317	max. 0.2

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Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
C14-18 alpha-olefin epoxide, reaction products with boric acid REACH Registr. Nr.: 01-2119976364-28	939-580-3	-	Skin Sens. 1B	H317	max. 0.2
Alkoxylated long-chain alkylamine REACH Registr. Nr.: no data	263-177-5	61791-44-4	Met. Corr. 1 Acute Tox. 4 Skin Corr. 1C Eye Dam. 1 Aquatic Acute 1 Aquatic Chronic 1	H290 H302 H314 H318 H400 (M=10) H410 (M=1)	max. 0.05

*: with exposure limit

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

EC 265-157-1 / REACH Registr. Nr.: 01-2119484627-25;

EC 265-169-7 / REACH Registr. Nr.: 01-2119471299-27;

EC 265-158-7 / REACH Registr. Nr.: 01-2119487077-29;

EC 265-159-2 / REACH Registr. Nr.: 01-2119480132-48.

Note L:

The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

The full text of each relevant H- phrase, 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 individual specifications.

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4.2 Most important symptoms and effects, both acute and delayed
May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed
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:
Full water jet.

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

5.3 Advice for fire-fighters
Special protective equipment:
According to the existing fire-fighting regulations.

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.

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6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be removed. Contain spilled liquid with sand, earth or other suitable absorbents. Recover free liquid by pumping. 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.

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)

Automatic transmission fluid (ATF).

SECTION 8 Exposure controls / personal protection

8.1 Control parameters:

Mineral oil mist: TWA: **5 mg/m³**; STEL: 10 mg/m³, for oil mist, vapour excluded (ACGIH).

Method of testing, recommended: NIOSH 5026

8.2 Exposure controls

Engineering control measures:

Not required.

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Personal protection:

- | | |
|----------------------------|--|
| (a) Eye/face protection | Where splashing is possible, wear safety glasses (EN 166). |
| (b) Skin protection | |
| (i) Hand protection | Oil resistant gloves (EN 374, Breakthrough time > 480 min, PK power level: 6; PR flow rate: 0).
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 it is not necessary. 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

9.1 Information on basic physical and chemical properties

- | | |
|--|--|
| a) Physical state: | liquid |
| b) Colour: | red, clear |
| c) Odour: | characteristic |
| d) Melting point/freezing point (Pour point) (ISO 3016): | typ. -51°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 explosive |
| h) Flash point (COC) (EN ISO 2592): | typ. 205°C |
| i) Auto-ignition temperature: | not available |
| j) Decomposition temperature: | not available |
| k) pH: | not applicable |
| l) Kinematic viscosity (EN ISO 3104) | |
| | at 40°C: typ. 37.3 mm ² /s |
| | at 100°C typ. 7.7 mm ² /s |
| m) Solubility | |
| Solubility in water: | practically insoluble in water |
| Solubility in other solvents: | gasoline, kerosene, toluene, etc. |

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- | | |
|--|---------------------------------|
| 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 (DIN EN ISO 12185): | 0.845 - 0.865 g/cm ³ |
| q) Relative vapour density: | not available |
| r) Particle characteristics: | not available |

9.2 Other information

Oxidizing properties: not oxidize

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 products: | No dangerous decomposition products are formed under normal 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.

Components:

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

Oral:	LD ₅₀ (rat)	> 5000 mg/kg
Dermal:	LD ₅₀ (rabbit)	> 2000 mg/kg
Inhalation:	LC ₅₀ (rat)	> 5.53 mg/L

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

Oral:	LD ₅₀ (rat)	> 2000 mg/kg	(OECD 401)
Dermal:	LD ₅₀ (rabbit)	> 2000 mg/kg	(OECD 402)
Inhalation:	LC ₅₀ (rat)	> 5000 mg/m ³	(OECD 403)

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

Oral:	LD ₅₀ (rat)	> 5000 mg/kg
Dermal:	LD ₅₀ (rabbit)	> 5000 mg/kg

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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.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	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.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-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

The mixture does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.

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 (CAS: 72623-87-1)

Fishes LC₅₀ > 100 mg/L

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

Fishes > 1000 mg/L 96 h (OECD 203)

Daphnia: > 100 mg/L 48 h (OECD 202)

Algae: > 100 mg/L 72 h (OECD 201)

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

Fishes (Pimephales promelas): NOEL ≥ 100 mg/L 96 h

Daphnia (Daphnia magna): EC₅₀ > 10000 mg/L 48 h

Daphnia (Daphnia magna): EC₅₀ > 10 mg/L 21 days

Daphnia (Daphnia magna): NOEC 10 mg/L 21 days

Mineral oil raffinate (CAS: -)

Fish (Fat-headed carp): LC₅₀ > 100 mg/L 96 h

Daphnia (Daphnia magna): EC₅₀ > 10000 mg/L 48 h

Daphnia (Daphnia magna): EC₅₀ > 10 mg/L 21 days

Daphnia (Daphnia magna): NOEC > 10 mg/L 21 days

Algae (Scenedesmus quadricauda): EC₅₀ > 100 mg/L 72 h

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Thiophene, tetrahydro-, 1,1-dioxide, 3- (C9-11-isoalkyloxy) derivs., C10-rich (EC: 800-172-4)

Fish (Oncorhynchus mykiss):	LC ₅₀	2.4 mg/L	96 h
Fish (Mutton-headed carp):	LC ₅₀	3.3 mg/L	96 h
Fish (Oncorhynchus mykiss):	NOEC	1 mg/L	96 h
Daphnia (Daphnia magna):	EC ₅₀	4.6 mg/L	48 h
Daphnia (Daphnia magna):	NOEC	0.63 mg/L	48 h
Algae:	EC ₅₀	63 mg/L	96 h
Algae:	NOEC	0.313 mg/L	96 h

Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs. (EC: 471-920-1)

Daphnia (Daphnia magna):	EC ₅₀	180 mg/L	48 h
Daphnia (Daphnia magna):	NOEC	100 mg/L	48 h
Daphnia (Daphnia magna):	EC ₅₀	100 mg/L	21 days
Daphnia (Daphnia magna):	NOEC	56 mg/L	21 days

1-(tert-Dodecylthio) propan-2-ol (CAS: 67124-09-8)

Fish (Oncorhynchus mykiss):	LC ₅₀	> 0.75 mg/L	96 h
Fish (Oncorhynchus mykiss):	NOEC	0.56 mg/L	96 h
Daphnia (Daphnia magna):	EC ₅₀	0.58 mg/L	48 h
Daphnia (Daphnia magna):	NOEC	0.32 mg/L	48 h
Daphnia (Daphnia magna):	EC ₅₀	0.75 mg/L	21 days

C14-18 alpha-olefin epoxide, reaction products with boric acid (EC: 939-580-3)

Fish (Oncorhynchus mykiss):	LC ₅₀	> 100 mg/L	96 h
Daphnia (Daphnia magna):	EC ₅₀	> 100 mg/L	48 h
Daphnia (Daphnia magna):	NOEC	100 mg/L	48 h
Daphnia (Daphnia magna):	EC ₅₀	20 mg/L	21 days
Daphnia (Daphnia magna):	NOEC	10 mg/L	21 days
Algae (Selenastrum capricomutum):	EC ₅₀	> 100 mg/L	96 h

Alkoxylated long-chain alkyl amine (CAS: 61791-44-4)

Fish:	LC ₅₀	<1 mg/L	96 h
Daphnia (Daphnia magna):	EC ₅₀	<1 mg/L	48 h
Algae:	EC ₅₀	<0.01 mg/L	96 h
Algae (Selenastrum capricomutum):	EC ₅₀	0.029 mg/L	96 h
Algae (Selenastrum capricomutum):	NOEC	0.01 mg/L	96 h

12.2 Persistence and degradability

No data available.

Biodegradability:

Hydrocarbons are inherently degradable.

Mineral oil raffinate (CAS: -)

Carbon dioxide emission 31%
(28 days, OECD TG 301 B)

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*Thiophene, tetrahydro-, 1,1-dioxide, 3-
(C9-11-isoalkyloxy) derivs., C10-rich
(EC: 800-172-4)*

Oxygen-poor state 9.6% (28 days, OECD TG 301C)

*Acetamide, 2-hydroxy-, N,N-dicoco alkyl
derivs. (EC: 471-920-1)*

Carbon dioxide emission 0%
(28 days, OECD TG 301 B)

*1-(tert-Dodecylthio) propan-2-ol (CAS:
67124-09-8)*

Oxygen-poor state 5.9% (28 days, OECD TG 301 F)

*C14-18 alpha-olefin epoxide, reaction
products with boric acid (EC: 939-580-3)*

Dissolved organic carbon (DOC) 17.3 % (28 days,
Mixed)

Dissolved organic carbon (DOC) 26.7 % (28 days,
Mixed)

*Alkoxylated long-chain alkyl amine
(CAS: 61791-44-4)*

Oxygen-poor state 60% (28 days, OECD TG 301 D)

12.3 Bioaccumulative potential

No data available.

*Thiophene, tetrahydro-, 1,1-dioxide,
3- (C9-11-isoalkyloxy) derivs., C10-
rich (EC: 800-172-4)*

BCF: 27.54 (measured value)

Log Kow: 4.1 (measured value)

*Acetamide, 2-hydroxy-, N,N-dicoco
alkyl derivs. (EC: 471-920-1)*

BCF: 1584.89 (measured value)

*1-(tert-Dodecylthio) propan-2-ol
(CAS: 67124-09-8)*

Log Kow: 5.7 (measured value)

*C14-18 alpha-olefin epoxide, reaction
products with boric acid (EC: 939-
580-3)*

Log Kow: 9.4 (calculated value)

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, at a
concentration of 0.1% or more.

12.6 Endocrine disrupting properties

The mixture does not contain any substance with
endocrine disrupting properties, at a concentration of
0.1% or more.

12.7 Other adverse effects

Heavy metal content:

None.

PCT, PCB and other chlorinated
hydrocarbons:

None.

Water hazard class (German):

WGK 2 (Classification by AwSV)

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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.

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.

Recommended waste treatment method: incineration

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.

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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.

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 calculated method

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

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction
H318	Causes serious eye damage.
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.
H412	Harmful to aquatic life with long lasting effects.

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



Trade name: **A.Z. Meisterteile Getriebeöl ATF 1200**

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Met. Corr. 1	Substance or mixture corrosive to metals Category 1
Acute Tox. 4	Acute toxicity Category 4
Asp. Tox. 1	Aspiration hazard Category 1
Skin Corr. 1C	Serious eye damage/eye irritation Category 1
Skin Sens. 1, 1B	Respiratory/skin sensitization 1, 1B Category
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Aquatic Acute 1	Hazardous to the aquatic environment, Acute Category 1
Aquatic Chron. 1	Hazardous to the aquatic environment, Chronic Category 1
Aquatic Chron. 2	Hazardous to the aquatic environment Category 2
Aquatic Chron. 3	Hazardous to the aquatic environment Category 3

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, Labelling and Packaging
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
Ec _x	Effective Concentration x%
Ed _x	Effective Dose x%
ELINCS	European List of Notified Chemical Substances
ErC ₅₀	EC ₅₀ in terms of reduction of growth rate;
ES	Exposure Scenario
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC _x	Lethal Concentration x%
LD _x	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

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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
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
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 Full revision due to composition change	22. 08. 2022	2