according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 1/(14)

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

1.1 Product identifier:

A.Z. Meisterteile Getriebeöl ATF III

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

Relevant identified uses: Automatic Transmission Fluid (ATF).

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 (on workdays: 07-15²⁰ h (CET)): +36 34 526 210

Health Toxicological Information Service (ETTSZ 1096 Budapest, Nagyvárad tér 2.)

Tel.: +36 80 201 199 (0-24 h, free number).

National Health Toxicological Information Service:

SECTION 2 Hazards identification

2.1 Classification of the mixture or substance

Hazard Class and Category: Hazard statement:

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

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 2/(14)

2.2 Label elements

Product identification: Trade name: A.Z. Meisterteile Getriebeöl ATF III

Hazardous components: Alkoxylated long-chain alkyl amine

GHS Pictogram:

 \bigcirc

Signal word: Warning

Hazard statement:

H317 May cause an allergic skin reaction.

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.

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.

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 (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 3/(14)

SECTION 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Mixture of base oils containing additives.

Component(s) / Hazardous component(s):

Name	EU	CAS	Hazard classes and	Hazard	Conc.
	number	number	cat.	statements	%(m/m)
Distillates (petroleum), solvent-	265-169-7	64742-65-0	-	-	max. 65
dewaxed heavy paraffinic*			(Note L)		
REACH Registr. Nr.:					
01-2119471299-27	255 155 1	51510 51 5		****	
Base oil – unspecified,	265-157-1	64742-54-7	Asp. Tox. 1	H304	max. 65
hydrotreated heavy			(Note L)		
paraffinic, C20-C50*					
REACH Registr. Nr:					
01-2119484627-25					
Distillates (petroleum),	265-158-7	64742-55-8	Asp. Tox. 1	H304	max. 55
hydrotreated light paraffinic*			(Note L))		
Base oil – unspecified,	265-157-1	64742-54-7	-	-	max. 25
hydrotreated heavy			(Note L)		
paraffinic, C20-C50*					
REACH Registr. Nr:					
01-2119484627-25					
Lubricating oils (petroleum),	276-738-4	72623-87-1	Asp. Tox. 1	H304	max. 25
C20-50, hydrotreated neutral			(Note L)		
oil-based					
REACH Registr. Nr.:					
01-2119474889-13					
Lubricating oils	309-877-7	101316-72-7	-	-	max. 12
(petroleum), C24- C50*			(Note L)		
REACH Registr. Nr.:					
01-2119489969-06					
Lubricating oils	305-594-8	94733-15-0	-	-	max. 12
(petroleum), C18-40*			(Note L)		
REACH Registr. Nr:					
01-2119486987-11					
Mineral oil raffinate*	-	mixture	-	-	max. 7.0
			(Note L)		
Methacrylate copolymer		confidential	Eye Irrit. 2	H319	max. 3
REACH Registr. Nr.:					
no data					

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 4/(14)

Name	EU	CAS	Hazard classes and	Hazard	Conc.
	number	number	cat.	statements	% (m/m)
Alkoxylated long-chain alkyl	263-177-5	61791-44-4	Met. Corr. 1	H290	max 0.6
amine			Acute Tox. 4	H302	
REACH Registr. Nr.:			Skin Corr. 1B	H314	
no data			Skin Sens. 1A	H317	
			Eye Dam. 1	H318	
			Aquatic Chronic 3	H412	

^{*:} with exposure limit

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: In case of contact, immediately flush eyes with plenty of water for at least 15

minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical attention.

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

Protection of first-aid person: No individual specifications.

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 sensitivity002E

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment need Not required.

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 5/(14)

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 <u>mixture</u> or substance

Hazardous combustion products:

On burning, carbon monoxide, carbon dioxide, sulphur 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 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.

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 6/(14)

6.3 Methods and material for containment and cleaning up

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

Engineering control measures:

Not required.

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 7/(14)

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

Personal protection:

Respiratory protection: Breathing apparatus not required.

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.

Eye protection: Protective goggles, if splashes may occur (EN 166).

Skin protection: Protective clothing (oil resistant).

Other special: 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

Appearance:

Physical state: liquid
Colour: red, clear
Odour: characteristic

Change in physical state:

Pour point (ISO 3016): typ. -38°C Boiling point (DIN 51356): not available

Others:

Flash point (COC) (EN ISO 2592): typ. 210°C Ignition point (EN ISO 2592): not available Autoignition temperature: not available Explosive properties: not explosive Oxidizing properties: not oxidize

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 8/(14)

Vapour pressure at 20°C: negligible

Density at 15°C (EN ISO 12185): 0.845-0.865 g/cm³

Solubility in water: practically insoluble in water Solubility in other solvents: gasoline, kerosene, toluene, etc.

n-Octanol/water partition coefficient:

Vapour density:

Evaporation rate

Heating value:

Kinematic viscosity at 40°C (EN ISO 3104):

Kinematic viscosity at 100°C (EN ISO 3104):

to available
not available
inf. 38 000 kJ/kg
typ. 34.8 mm²/s
typ. 7.3 mm²/s

Kinematic viscosity at 100°C (EN ISO 3104): typ. 7.3 mm²/s pH: not applicable

9.2 Other information

no data available

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 toxicological effects

Acute toxicity:

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

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic Oral: LD_{50} (rat) > 5000 mg/kg Dermal: LD_{50} (rabbit) > 5000 mg/kg Inhalation: LC_{50} (rat) > 5.00 mg/L (4 h)

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 9/(14)

Distillates (petroleum), hydrotreated light paraffinic

Oral: LD_{50} (rat) > 5000 mg/kg Dermal: LD_{50} (rabbit) > 3000 mg/kg

Base oil – unspecified, hydrotreated heavy paraffinic, C20-C50

Lubricating oils (petroleum), C24 - C50

Lubricating oils (petroleum), C18-C40

Alkoxylated long-chain alkyl amine

Oral: LD_{50} (rat) 300-2000 mg/kg

Inhalation: LC₅₀ (rat) 220 ppm (steam 1 h)

Acute toxicity: irritation

Skin: not irritant (based on components)

Eye: not irritant (based on components)

Respiratory or skin sensitisation: May cause an allergic skin reaction. (based on

components)

Other information, specific effects:

NOTE L: The base oil(s) contain(s) less than 3% DMSO extract (IP 346), therefore not classified as carcinogenic material according to 1272/2008/EC.

Germ cell mutagenicity: not known, resp. not mutagen (based on components)
Carcinogenicity: not known, resp. not carcinogen (based on components)
Reproductive toxicity: not known, resp. no reproduction-damaging effect

(based on components)

STOT-single exposure: not classified STOT-repeated exposure: not classified Aspiration hazard: not classified

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 10/(14)

SECTION 12 Ecological information

12.1 Toxicity No data for the product.

Components:

Base oil – unspecified, hydrotreated heavy paraffinic, C20-C50

LL/EL/IL₅₀ Fishes: > 100 mg/LCrustaceans: LL/EL/IL₅₀ > 100 mg/L> 100 mg/LLL/EL/IL₅₀ Algae: Microrganisms: > 100 mg/LLC/EC/IC₅₀ Fishes: NOEC/NOEL >100 mg/LCrustaceans: NOEC/NOEL $>1 - \le 10 \text{ mg/L}$

Base oil – unspecified, hydrotreated heavy paraffinic, C20-C50

Fishes: >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), C18-C40:

Fishes: LC_{50} > 100 mg/L Daphnia: EC_{50} > 100 mg/L Other aquatic organisms: EC_{50} > 100 mg/L Other living beings: TLM >1 mg/L

Lubricating oils (petroleum), C24 - C50:

12.2 Persistence and degradability

Biodegradability: Hydrocarbons are inherently degradable.

12.3 Bioaccumulative potential No data available.

12.4 Mobility

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 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated

hydrocarbons: None.

Environmental effects: Large spills may be hazardous to the environment.

Water hazard class (German): WGK 1 (Classification by VwVwS)

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 11/(14)

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 05*

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

Recommended waste treatment method: incineration

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.

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: 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.

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 12/(14)

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the mixture. This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2015/830/EU) and to Regulation (EC) 1272/2008.

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.

Source of data presented in this material safety data sheet:

Test results of this product

Material safety data sheets of product's components

1272/2008/EC regulation, Annex XVII. of REACH

Relevant Hungarian and EU regulations

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

Skin Sens. 1 H317 calculated

The full text of each relevant H- phrase and Hazard classes and cat. 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.
H412	Harmful to aquatic life with long lasting effects.

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 13/(14)

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. 1B Skin corrosion/irritation Category 1B
Skin Sens. 1A Respiratory/skin sensitization Category 1A
Eye Dam. 1 Serious eye damage/eye irritation Category 1

Aquatic Chronic 3 Hazardous to the aquatic environment, Chronic 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
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

ESIS European Chemical Substances Information System 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

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: A.Z. Meisterteile Getriebeöl ATF III

Version: 2 Latest revision: 25. 08. 2020 Date of issue: 07. 11. 2017 Page: 14/(14)

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
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version
2	Hazards identification	25.08.2020	2
2.2	Label elements		
3	Composition/information on ingredients		
4.2	Most important symptoms and effects, both acute and		
	delayed		
8	Exposure controls / personal protection		
11	Toxicological information		
12	Ecological information		
1-16	Other corrections		