

MEYLE ATF CVT

Print date: 11.06.2015

MEYLE-Nr.: 014 019 3000/3/4 (MAX0036/88/89)

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

1.1. Product identifier

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

Use of the substance/mixture

ATF (Automatic Transmission Fluid)

1.3. Details of the supplier of the safety data sheet

Company name:	MEYLE AG	
Street:	Merkurring 111	
Place:	D-22143 Hamburg	
Telephone:	+49 40 67506 510	Telefax: +49 40 67506 506
e-mail:	contact@meyle.com	
Internet:	www.meyle.com	
Responsible Department:	Giftnotruf Göttingen	

1.4. Emergency telephone number: +49 (0)551 19 24 0 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

R phrases:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 1

Hazard Statements:

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazardous components which must be listed on the label

Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.

Signal word: Warning

Pictograms: GHS07



Hazard statements

Harmful to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

Additional advice on labelling

According to EC directives or the corresponding national regulations the product does not have to be labelled.

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2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
276-738-4	Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	75 - < 80 %
72623-87-1		
649-483-00-5	Asp. Tox. 1; H304	
01-2119474889-13		
265-158-7	Complex combination of hydrocarbons	1 - < 5 %
64742-55-8	Xn - Harmful R65	
	Asp. Tox. 1; H304	
01-2119487077-29		
471-920-1	Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.	1 - < 5 %
	Xi - Irritant R38-43	
	Skin Sens. 1; H317	
	Alkyl borate	1 - < 5 %
	Xi - Irritant R36/38-52-53	
	Eye Irrit. 2, Aquatic Chronic 3; H319 H412	
253-249-4	Reaction products of Benzeneamine, N-phenyl-with nonene (branched)	1 - < 5 %
	R53	
	Aquatic Chronic 4; H413	
01-2119488911-28		
217-316-1	Dibutyl phosphite	1 - < 5 %
	Xi - Irritant R10-36/38	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	
242-556-9	3(decycloxy)tetrahydrothiophen-1,1-dioxide	1 - < 5 %
18760-44-6	N - Dangerous for the environment R51-53	
	Aquatic Chronic 2; H411	
204-539-4	diphenylamine	< 1 %
122-39-4	T - Toxic, N - Dangerous for the environment R23/24/25-33-50-53	
612-026-00-5	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT RE 2, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1 (M-Factor = 1); H331 H311 H301 H373 ** H400 H410	
263-177-5	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	< 1 %
	C - Corrosive, Xn - Harmful, N - Dangerous for the environment R22-34-43-50	
	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1 (M-Factor = 1); H290 H302 H314 H318 H317 H400	
482-000-4	1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.	< 1 %
	Xi - Irritant R38-43-52-53	
	Skin Sens. 1, Aquatic Chronic 3; H317 H412	

Full text of R-, H- and EUH-phrases: see section 16.

Further Information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Self-protection of the first aider

Change contaminated clothing.

Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

In case of inhalation of aerosols/spray mist/splash spots: Consult physician. Provide fresh air.

Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.3. Indication of any immediate medical attention and special treatment needed

Caution if victim vomits: Risk of aspiration!

Aspiration hazard: Call a physician immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon dioxide (CO₂). Carbon monoxide. Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H₂S).

5.3. Advice for firefighters

carbon black In case of fire: Wear self-contained breathing apparatus.

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product.

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Wear suitable protective clothing.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Protect skin by using skin protective cream. Wash hands before breaks and after work.
Conditions to avoid: aerosol or mist generation.

Advice on protection against fire and explosion

No special measures are necessary.
When using do not smoke.
Fire class: B (DIN-/EN-Norms: EN2)

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.
Keep away from heat. Keep/Store only in original container.

Advice on storage compatibility

Do not store together with: Food and fodder, Oxidizing agents.

Further information on storage conditions

If product enters soil, it will be mobile and may contaminate groundwater. Keep away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
122-39-4	Diphenylamine	-	10		TWA (8 h)	WEL
		-	20		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke.
Change contaminated clothing.
Wash hands before breaks and after work.
Protect skin by using skin protective cream.
Keep away from food, drink and animal feedingstuffs.
Do not breathe vapour.

Eye/face protection

In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Hand protection

Wear suitable gloves.

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Skin protection

In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	red or special customer request	
Odour:	characteristic	
		Test method
pH-Value:	not applicable	DIN 51369
Changes in the physical state		
Pour point:		ISO 3016
Pourpoint::	<-40 °C	DIN ISO 3016
Flash point:	>170 °C	ISO 2592
Ignition temperature:	No data available	
Vapour pressure: (at 20 °C)	<0,1 hPa	calculated.
Density (at 15 °C):	~0,85 g/cm ³	DIN 51757
Water solubility: (at 20 °C)	practically insoluble	
Solubility in other solvents		
	Soluble in hydrocarbons (mineral oil.)	
Viscosity / kinematic: (at 40 °C)	~33 mm ² /s	DIN 51562
Solvent separation test:	No data available	
Solvent content:	none	Solvents

9.2. Other information

Solid content: 0

none

SECTION 10: Stability and reactivity

10.1. Reactivity

This product is stable under normal conditions. Hazardous reactions are unlikely.

10.2. Chemical stability

No thermal decomposition if properly stored / handled /transported.
Onset of decomposition at elevated temperatures (>100°C)

10.3. Possibility of hazardous reactions

possible with strong oxidizing agents.
This product is stable under normal conditions. Hazardous reactions are unlikely.

10.4. Conditions to avoid

Oxidizing agents, strong.

10.5. Incompatible materials

Oxidizing agents, strong.

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10.6. Hazardous decomposition products

none

Further information

No thermal decomposition if properly stored / handled /transported.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No data available.

Irritant effect on the respiratory tract: Do not breathe gas/vapour.

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
72623-87-1	Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based					
	oral	LD50	=>	5000 mg/kg	Rat	OECD 401
	dermal	LD50	= >	2000 mg/kg	Rabbit	OECD 402
	inhalative (4 h) vapour	LC50	= >	5.53 mg/l	Rat	OECD 403
64742-55-8	Complex combination of hydrocarbons					
	oral	LD50	>	5000 mg/kg	Rat	
	dermal	LD50	>	3000 mg/kg	Rabbit	
122-39-4	diphenylamine					
	oral	ATE		100 mg/kg		
	dermal	ATE		300 mg/kg		
	inhalative vapour	ATE		3 mg/l		
	inhalative aerosol	ATE		0,5 mg/l		
	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives					
	oral	ATE		500 mg/kg		

Irritation and corrosivity

Irritant effect on the skin: none

Frequent and prolonged eye contact may cause eye irritation.

Sensitising effects

Due to the very low concentration of sensitizing substances, the finished product can be assumed not to be skin-sensitizing.

Severe effects after repeated or prolonged exposure

Frequently or prolonged contact with skin may cause dermal irritation.

Carcinogenic/mutagenic/toxic effects for reproduction

The product is not classified.

Specific effects in experiment on an animal

No data available.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Practical experience

Observations relevant to classification

Has de-greasing effect on the skin.

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Other observations

No special hazards known when the product is properly used and the precautionary measures indicated are observed.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
72623-87-1	Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based					
	Acute fish toxicity	LC50	> 100 mg/l	96 h		OECD 203
	Acute algae toxicity	ErC50	>= 100 mg/l	72 h		OECD 201
	Acute crustacea toxicity	EC50	> 10 000 mg/l	48 h		OECD 202

12.2. Persistence and degradability

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants. Poorly eliminated from water.
Not easily bio-degradable (according to OECD-criteria). Product is partially biodegradable. Significant residues remain.
Post-use oils must not be discharged into the sewer system or into surface waters nor must they be allowed to enter the soil.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Reaction products of Benzeneamine, N-phenyl-with nonene (branched)			
	Sturm	0%	28	

12.3. Bioaccumulative potential

No data available.
Do not allow uncontrolled discharge of product into the environment.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
72623-87-1	Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	> 6
	Reaction products of Benzeneamine, N-phenyl-with nonene (branched)	3,6

12.4. Mobility in soil

No data available.

12.6. Other adverse effects

Aquatic organisms: No data available.
Effects in sewage plants No data available.
No data available.

Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

The waste codes stated are recommendations based on the expected use of the substance and may

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be re-assigned to other waste codes by the user, if applicable.

Dispose of waste according to applicable legislation.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste.

Waste disposal number of used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

Contaminated packaging

Dispose of this material and its container to hazardous or special waste collection point. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: ATF

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: ATF

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: ATF

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO)

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14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: ATF

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Relevant R-phrases (Number and full text)

Flammable.
Harmful if swallowed.
Toxic by inhalation, in contact with skin and if swallowed.
Danger of cumulative effects.
Causes burns.
Irritating to eyes and skin.
Irritating to skin.
May cause sensitisation by skin contact.
Very toxic to aquatic organisms.
Toxic to aquatic organisms.
Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

Relevant H- and EUH-phrases (Number and full text)

May be corrosive to metals.
Toxic if swallowed.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
Toxic in contact with skin.
Causes severe skin burns and eye damage.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Causes serious eye irritation.
Toxic if inhaled.

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May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

May cause long lasting harmful effects to aquatic life.

Further Information

The above data are intended to describe our product in terms of any safety requirements to be observed.

They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)