

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 1 of 9

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

1.1. Product identifier

JMC ATF DCT II extra transmission fluid 1 ltr.

Further trade names

JMC Getriebeöl Extra ATF DCT II 1l (JM-Nr. 558 13 05)

JMC Getriebeöl Extra ATF DCT II 20l (JM-Nr. 558 13 07)

JMC Getriebeöl Extra ATF DCT II 60l (JM-Nr. 558 13 18)

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

Manufacturer

Company name: Johannes J. Matthies GmbH & Co. KG

Street: Hammerbrookstr. 97

Place: D-20097 Hamburg

Telephone: + 49 (0) 40 2 37 21-0

e-mail: info@matthies.de

Internet: www.matthies.de

Supplier

Company name: Larsson UK Ltd.

Street: 7 Alpha Court, Phoenix Parkway

Place: GB-NN17 5DP Corby

Telephone: + 44 1536 265633

e-mail: info@larsson.uk.com

Internet: www.larsson.uk.com

1.4. Emergency telephone number:

+ 44 1536 265633

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208 Contains C14-18 Alpha-olefin epoxide, reaction product with boric acid. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 2 of 9

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified			30 - < 60 %
	265-158-7	649-468-00-3	01-2119487077-29	
	Asp. Tox. 1; H304			
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			15 - < 30 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
	mineral oil			5 - < 15 %
	Asp. Tox. 1; H304			
91648-65-6	1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogenperoxide and tert-nonanethiol			1 - < 2,5 %
	293-927-7		01-2119976351-35	
	Aquatic Chronic 3; H412			
36878-20-3	Bis(nonylphenyl)amine			1 - < 2,5 %
	253-249-4		01-2119488911-28	
	Aquatic Chronic 4; H413			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

- Take off contaminated clothing.
- Do not put any product-impregnated cleaning rags into your trouser pockets.
- Self-protection of the first aider

After inhalation

- Provide fresh air. In case of inhalation of aerosols/spray/spray droplets: Consult a physician.
- 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, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse.
- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

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

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.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

Treat symptomatically. Observe risk of aspiration if vomiting occurs. Call a physician immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 3 of 9

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.
Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media

Strong water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable.
Particular hazard due to substance itself, its combustion products or resulting gases
Carbon dioxide (CO₂). Carbon monoxide, Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H₂S).

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. carbon black
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.
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.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Apply skin protection cream for preventive skin protection.
Wash hands before breaks and after work.
Conditions to avoid: aerosol or mist formation

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.

Hints on joint storage

Do not store together with: Food and feedingstuffs, Oxidising agent.

Further information on storage conditions

If product enters soil, it will be mobile and may contaminate groundwater.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 4 of 9

Keep away from: heat.

7.3. Specific end use(s)

ATF (Automatic Transmission Fluid)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Protective and hygiene measures

When using do not eat, drink or smoke.

Take off contaminated clothing.

Wash hands before breaks and after work.

Apply skin protection cream for preventive skin protection.

Keep away from food, drink and animal feedingstuffs. Do not breathe vapour.

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable 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:	light brown
Odour:	characteristic

	Test method
pH-Value:	not determined

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Pour point:	< -40 °C
Flash point:	> 170 °C

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

No data available

Lower explosion limits:	not determined
-------------------------	----------------

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 5 of 9

Upper explosion limits:	not determined
Ignition temperature:	No data available
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidising.	
Vapour pressure: (at 20 °C)	not determined
Density (at 15 °C):	0,853 g/cm ³
Water solubility:	practically insoluble
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Viscosity / kinematic: (at 100 °C)	~7,2 mm ² /s
Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	No data available
Solvent content:	none

9.2. Other information

Solid content:	0
none	

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Oxidising agent, strong

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Further information

No thermal decomposition if stored/handled/transported properly.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 6 of 9

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

No data available

Irritation of the respiratory tract: Do not breathe gas/vapour.

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified			
	oral	LD50 > 5000 mg/kg	Rat	Manufacturer
	dermal	LD50 > 3000 mg/kg	Rabbit	Manufacturer
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			
	oral	LD50 > 2000 mg/kg	Rat	Manufacturer
	dermal	LD50 > 2000 mg/kg	Rabbit	Manufacturer
	inhalation (4 h) vapour	LC50 > 5000 mg/l	Rat	Manufacturer
91648-65-6	1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogenperoxide and tert-nonanethiol			
	oral	LD50 10000 mg/kg	Rat	Manufacturer
	dermal	LD50 >2000 mg/kg	Rabbit	Manufacturer

Irritation and corrosivity

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

Sensitising effects

Contains C14-18 Alpha-olefin epoxide, reaction product with boric acid. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Frequently or prolonged contact with skin may cause dermal irritation.

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified				
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Piscis	Manufacturer
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia	Manufacturer
91648-65-6	1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogenperoxide and tert-nonanethiol				
	Acute fish toxicity	LC50 1000 mg/l	96 h	Pimephales promelas (fathead minnow)	Manufacturer
	Acute algae toxicity	ErC50 100 mg/l	72 h	Pseudokirchneriella subcapitata	Manufacturer

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 readily biodegradable (according to OECD criteria). Product is partially biodegradable. Significant residues remain.

Waste oils should not be discharged into the sewage system or bodies of water, nor should they be allowed to seep into soil.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 7 of 9

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
91648-65-6	1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogenperoxide and tert-nonanethiol			
		< 10 %		Manufacturer
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	> 4
36878-20-3	Bis(nonylphenyl)amine	3.6

BCF

CAS No	Chemical name	BCF	Species	Source
91648-65-6	1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogenperoxide and tert-nonanethiol	15,7	Fisch	

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

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

Disposal recommendations

The specified waste codes are recommended due to the intended use of the product.

Dispose of waste according to applicable legislation.

Do not empty into drains.

Dispose of this material and its container to hazardous or special waste collection point.

List of Wastes Code - 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; hazardous waste

List of Wastes Code - 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; hazardous waste

List of Wastes Code - 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 hazardous substances; 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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 8 of 9

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:	No dangerous good in sense of this transport regulation.
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.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
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.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
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.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
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.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
 Water hazard class (D): 2 - obviously hazardous to water
 Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC ATF DCT II extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581306

Page 9 of 9

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains C14-18 Alpha-olefin epoxide, reaction product with boric acid. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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