

Safety Data Sheet

according to Regulation (EC) No 1907/2006

JMC 75W-80 extra transmission fluid 1 ltr.

Print date: 10.07.2020

Product code: 5581332

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

1.1. Product identifier

JMC 75W-80 extra transmission fluid 1 ltr.

Further trade names

JMC Getriebeöl Extra 75W-80 5l (JM-Nr. 558 13 33)

JMC Getriebeöl Extra 75W-80 20l (JM-Nr. 558 13 34)

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

Use of the substance/mixture

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

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1A

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes serious eye irritation.

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Polysulfides, di-tert-Bu

Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)

Magnesium metaborate

Signal word: Warning

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Pictograms:



Hazard statements

- H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

- P103 Read label before use.
 P264 Wash hands thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of waste according to applicable legislation.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

| CAS No | Chemical name | Quantity |
|-------------|---|------------------|
| | EC No | Index No |
| | REACH No | |
| | GHS Classification | |
| 151006-62-1 | branched hexatriacontane | 15 - < 30 % |
| | 417-070-7 | 601-064-00-8 |
| | 01-0000016388-62 | |
| | Aquatic Chronic 4; H413 | |
| 68937-96-2 | Polysulfides, di-tert-Bu | 2,5 - < 5 % |
| | 273-103-3 | 01-2119540515-43 |
| | Skin Sens. 1B, Aquatic Chronic 3; H317 H412 | |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | 1 - < 2,5 % |
| | 931-384-6 | 01-2119493620-38 |
| | Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H302 H318 H317 H411 | |
| 597-82-0 | O,O,O-triphenyl phosphorothioate | 0,3 - < 1 % |
| | 209-909-9 | 01-2119979545-21 |
| | Repr. 2; H361fd | |
| 13703-82-7 | Magnesium metaborate | 0,3 - < 1 % |
| | 237-235-5 | 01-2120769073-53 |
| | Skin Sens. 1A; H317 | |

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

Further Information

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

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

After inhalation

- In case of inhalation of aerosols/spray/spray droplets: Consult a 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.

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 data available

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

Observe risk of aspiration if vomiting occurs. 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

- Strong water jet.

5.2. Special hazards arising from the substance or mixture

- 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

- Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit carbon black.
- 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**

- Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. 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).

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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

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

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.

Keep away from: heat.

7.3. Specific end use(s)

Transmission fluid

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink or smoke.

Apply skin protection cream for preventive skin protection.

Keep away from food, drink and animal feedingstuffs.

Do not breathe vapour.

Eye/face protection

Suitable eye protection: goggles In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Hand protection

Wear suitable gloves.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four

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

Respiratory protection

In case of inadequate ventilation wear 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: | yellow-brown | |
| Odour: | characteristic | |
| | | Test method |
| pH-Value: | not applicable | DIN 51369 |
| Changes in the physical state | | |
| Melting point: | not determined | |
| Initial boiling point and boiling range: | not determined | |
| Pour point: | ~-42 °C | DIN ISO 3016 |
| Flash point: | > 200 °C | ISO 2592 |
| Flammability | | |
| Solid: | not applicable | |
| Gas: | not applicable | |
| Lower explosion limits: | not determined | |
| 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) | < 0,1 hPa | calculated. |
| Density (at 15 °C): | ~0,85 g/cm ³ | DIN 51757 |
| Water solubility: | practically insoluble | |
| Solubility in other solvents | | |
| Soluble in hydrocarbons. (Mineral oil) | | |
| Partition coefficient: | not determined | |
| Viscosity / kinematic: (at 100 °C) | ~7,9 mm ² /s | DIN 51562 |
| Vapour density: | not determined | |
| Evaporation rate: | not determined | |
| Solvent separation test: | No data available | |
| Solvent content: | none | |

9.2. Other information

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Solid content: not determined

none

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidising agent, strong

10.2. Chemical stability

No thermal decomposition if stored/handled/transported properly.
(>65 °C).

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Oxidising agent, strong

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Oxidising agent, strong

10.6. Hazardous decomposition products

none

Further information

No thermal decomposition if stored/handled/transported properly.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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 |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | | | |
| | oral | ATE 500 mg/kg | | |

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Skin irritation: none

Sensitising effects

May cause an allergic skin reaction. (Polysulfides, di-tert-Bu; Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched); Magnesium metaborate)

It can be assumed that the finished product is not skin sensitising, due to the very low content of sensitising substances.

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.

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Aspiration hazard

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

Specific effects in experiment on an animal

No data available

Practical experience

Observations relevant to classification

Has degreasing effect on the skin.

Other observations

No special hazards caused by the product are known if it is used as intended and instructions given on precautionary measures 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 | Dose | [h] [d] | Species | Source |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | | | | |
| | Acute crustacea toxicity | EC50 | 91,4 mg/l | 48 h | Daphnia magna (Big water flea) |
| | | | | | 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.

12.3. Bioaccumulative potential

No data available

Do not allow uncontrolled discharge of product into the environment.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

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

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and lubricating oils; hazardous waste

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List of Wastes Code - used product

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic 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.

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).

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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
 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)

| | |
|--------|--|
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |

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.)