



AUTOMATIC TRANSMISSION OIL DP-M5

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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VERSION: 4.0

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

1.1. Product identifier

| | |
|--------------|----------------------------------|
| Trade name | Automatic Transmission Oil DP-M5 |
| Product code | Ford Internal Ref.: 181867 |
| SDS Number | 7617 |
| Product use | For professional users only |

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

| | |
|--------------------------|--------------------------------------|
| Relevant identified uses | Transmission Oil |
| Uses advised against | No additional information available. |

1.3. Details of the supplier of the safety data sheet

| Supplier | Distributor |
|----------------------|------------------------------|
| Ford-Werke GmbH | Ford Motor Company Ltd. |
| Edsel-Ford-Str. 2-14 | Parts Distribution Centre |
| 50769 Cologne | Royal Oak Way South |
| Germany | NN11 8NT Daventry, Northants |
| +49 221 90-33333 | United Kingdom |
| sdseu@ford.com | +44 1327 305 198 |

1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

2. SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

This mixture does not meet the criteria for labelling according to Regulation (EC) 1272/2008 as amended.

Supplemental hazard information

EUH210 Safety data sheet available on request.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

3. SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Chemical name | CAS- No EC- No Index No RRN | % | Classification according to Regulation (EC) No. 1272/2008 | Notes |
|--|--|-----------|---|----------|
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 72623-86-0 276-737-9 649-482-00-X 01-2119474878-16-XXXX | 60 - < 80 | Asp. Tox. 1, H304 | (Note L) |
| Methacrylate Copolymer | * - - | 3 - < 10 | Eye Irrit. 2, H319 | |

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO 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. This note applies only to certain complex oil-derived substances in Part 3.

*Chemical name, CAS number and/or exact concentration have been withheld as confidential business information

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------|--|
| Inhalation: | Remove person to fresh air and keep comfortable for breathing. |
| Skin contact: | Wash contaminated clothing before reuse. Gently wash with plenty of soap and water. |
| Eyes contact | Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Ingestion | Call a poison center or a doctor if you feel unwell. |

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

| | |
|--|------------------------------|
| Symptoms/effects after skin contact | Causes mild skin irritation. |
| Symptoms/effects after eye contact | Causes severe burns. |

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

Treat symptomatically.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Water spray. Dry powder. Foam. Carbon dioxide. Alcohol-resistant foam. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|------------------------------|
| Hazardous combustion products | Toxic fumes may be released. |
|--------------------------------------|------------------------------|

5.3. Advice for firefighters

| | |
|---------------------------------------|--|
| Protection during firefighting | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|---------------------------------------|--|

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures Ventilate spillage area.

For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large Spills:

Other information Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations".

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed

Do not breathe vapours. Do not get in eyes, on skin, or on clothing.

Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

Proper grounding procedures to avoid static electricity should be followed.

Storage conditions

Store in a well-ventilated place. Keep cool.

Incompatible materials

Strong oxidizing agent. Strong acids. Strong bases.

Heat and ignition sources

Do not handle, store or open near an open flame, sources of heat or sources of ignition.

7.3. Specific end use(s)

Transmission Oil.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limits.

DNEL: Derived no effect level

No data available

PNEC: Predicted no effect concentration

No data available

8.2. Exposure controls

Appropriate engineering controls

Ensure good ventilation of the work station

Materials for protective clothing

Wear suitable protective clothing.

Individual protection measures, such as personal protective equipment (PPE)

Eye protection

Use eye protection to EN 166, designed to protect against liquid splashes.

Skin protection**Hand protection**

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

| Material | Permeation | Thickness (mm) | Comments |
|---|-------------------|----------------|---|
| Nitrile rubber (NBR) | 6 (> 480 minutes) | 0,4 | Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product. |
| In case of splash contact: Nitrile rubber (NBR) | 6 (> 480 minutes) | 0,4 | Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product. |

Other protective measures

No additional information available.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. If the occupational exposure limit is exceeded: Wear a respirator conforming to EN140 with Type A filter or better

Thermal hazard protection

No additional information available.

Environmental exposure controls

Avoid release to the environment.

9. SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--|-------------------------------|
| Physical state | Liquid |
| Colour | Red. |
| Odour | No data available |
| Odour threshold | No data available |
| pH | No data available |
| Relative evaporation rate (butylacetate=1) | No data available |
| Melting point | Not applicable |
| Freezing point | -45 °C |
| Boiling point | < 200 °C |
| Flash point | > 180 °C |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Flammability (solid, gas) | Not applicable |
| Vapour pressure | No data available |
| Relative vapour density at 20 °C | No data available |
| Relative density | No data available |
| Density | 0.84 g/cm ³ @20°C |
| Solubility | No data available |
| Log Pow | No data available |
| Viscosity, kinematic | 34.6 mm ² /s @40°C |
| Viscosity, dynamic | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Explosive limits | No data available |

9.2. Other information

No additional information available.

10. SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

- | | |
|---|--|
| 10.2. Chemical stability | Stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | No dangerous reactions known under normal conditions of use. |
| 10.4. Conditions to avoid | None under recommended storage and handling conditions (see section 7). |
| 10.5. Incompatible materials | Strong oxidizing agents. Strong bases. Strong acids. |
| 10.6. Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|--|
| Acute toxicity | Based on available data, the classification criteria are not met |
| 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 |

12. SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|--|
| Ecology - general | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|--------------------------|--|

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

Automatic Transmission Oil DP-M5

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

12.6. Other adverse effects

No additional information available.

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|--|
| Regional legislation (waste) | Dispose in accordance with all applicable regulations. |
|-------------------------------------|--|

| | |
|---|---|
| Waste treatment methods | Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Collect and reclaim or dispose in closed containers at licensed waste disposal site. Do not allow to enter drains or water courses. |
| Product/Packaging disposal recommendations | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| Additional information | Dispose in accordance with all applicable regulations. |
| European List of Waste (LoW) code | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| 15 01 10* | packaging containing residues of or contaminated by dangerous substances |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |

14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

Not regulated for transport

15. SECTION 15: Regulatory information

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

EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

| | |
|--|--|
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 28. Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively. |
| Contains no substance on the REACH candidate list | |
| Contains no REACH Annex XIV substances | |

Other information, restriction and prohibition regulations

Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. Directive 94/33/EC on the protection of young people at work, as amended. Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. For details, refer to section 3 and 8.

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

16. SECTION 16: Other information

Indication of changes

Section 1 - Section 16.

Abbreviations and acronyms

ATE Acute Toxicity Estimate.

| | |
|-------|--|
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. |
| BCF | Bioconcentration factor. |
| DMEL | Derived Minimal Effect level. |
| DNEL | Derived-No Effect Level. |
| PBT | Persistent Bioaccumulative Toxic. |
| OECD | Organisation for Economic Co-operation and Development. |
| NOEC | No-Observed Effect Concentration. |
| NOAEL | No-Observed Adverse Effect Level. |
| NOAEC | No-Observed Adverse Effect Concentration. |
| SDS | Safety Data Sheet. |
| TLM | Median Tolerance Limit. |
| vPvB | Very Persistent and Very Bioaccumulative. |
| SDS | Safety Data Sheet. |
| OEL | Occupational Exposure Limit. |
| RRN | REACH Registration no.. |
| VOC | Volatile organic compounds. |

Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006..

Full text of H- and EUH-statements

| | |
|--------------|--|
| Asp. Tox. 1 | Aspiration hazard, Category 1. |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2. |
| H304 | May be fatal if swallowed and enters airways. |
| H319 | Causes serious eye irritation. |
| EUH210 | Safety data sheet available on request.. |

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Attachment to the Safety Data Sheet



Product Name: Automatic Transmission Oil DP-M5
Ford Int. Ref. No.: 181867

Page: 1/1
Print Date: 20.06.2018

Involved Products:

| | Finiscode | Part number | Container Size: |
|----|------------------|--------------------|------------------------|
| 1. | 1 805 856 | 9U7J M2C919 AB | 1 l |
| 2. | 1 565 890 | 9U7J M2C919 BA | 5 l |