



AUTOMATIC TRANSMISSION OIL P-ULV

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

ISSUE DATE: 13.07.2017
REVISION DATE: 13.07.2017

VERSION: 1.0

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

1.1. Product identifier

Trade name	Automatic Transmission Oil P-ULV
Product code	Ford Internal Ref.: 196124
SDS Number	633
Product use	Professional use

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

Relevant identified uses	Hydraulic fluids and additives
Uses advised against	No additional information available.

1.3. Details of the supplier of the safety data sheet

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

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

Health hazards	Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
----------------	-------------------------------	------	---

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word	Danger
Contains	Distillates (petroleum), hydrotreated light paraffinic
Hazard statements	May be fatal if swallowed and enters airways.
Precautionary statements	
Response	
P301+P310	IF SWALLOWED: Immediately call a doctor, a POISON CENTER.
P331	Do NOT induce vomiting.

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
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8 265-158-7 649-468-00-3 01-2119487077-29- XXXX	85 - < 100	Carc. 1B, H350 Asp. Tox. 1, H304	(Note L)

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.

Full text of H-statements: see section 16

4. SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Call a physician immediately.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Move the affected person away from the contaminated area and into the fresh air. Call a poison center or a doctor if you feel unwell.

Skin contact

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water.

Eyes contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects

Aspiration may cause pulmonary oedema and pneumonitis.

Symptoms/effects after ingestion

Risk of lung oedema.

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

Risk of aspiration pneumonia. Aspiration may cause pulmonary oedema and pneumonitis.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). water in large amounts, water spray.

Unsuitable extinguishing media

No unsuitable extinguishing media known.

5.2. Special hazards arising from the substance or mixture

Fire hazard

Container may explode in heat or fire.

. Combustible liquid. Move containers from fire area if it can be done without personal risk.

Explosion hazard	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Reactivity in case of fire	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.
Hazardous combustion products	Thermal decomposition generates : Carbon monoxide. fume. Nitrogen oxides. Phosphorus oxides.
5.3. Advice for firefighters	
Precautionary measures fire	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Firefighting instructions	Do not enter fire area without proper protective equipment, including respiratory protection. Fight fire with normal precautions from a reasonable distance. Standard EN 469 - Protective clothing for firefighters. Standard - EN 659: Protective gloves for firefighters. Use standard firefighting procedures and consider the hazards of other involved materials.
Protection during firefighting	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. 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	
General measures	Avoid contact with skin and eyes. During fire, gases hazardous to health may be formed. Eliminate every possible source of ignition.
For non-emergency personnel	
Protective equipment	Avoid breathing dust, mist or spray. Wear recommended personal protective equipment. For personal protection, see section 8 of the MSDS.
Emergency procedures	Ventilate spillage area. Avoid breathing dust, mist or spray. Avoid contact with skin and eyes. Ensure adequate ventilation. No flames, no sparks. Eliminate all sources of ignition.
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".
Emergency procedures	Cover spill with non combustible material, e.g.: sand/earth. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
6.2. Environmental precautions	Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground . Contact local authorities in case of spillage to drain/aquatic environment.
6.3. Methods and material for containment and cleaning up	
For containment	Prevent entry into waterways, sewer, basements or confined areas. Contain and dispose of waste according to local regulations. Cover spill with non combustible material, e.g.: sand, earth, vermiculite.
Methods for cleaning up	Clean up any spills as soon as possible, using an absorbent material to collect it. Clean surface thoroughly to remove residual contamination. Move containers from fire area if it can be done without personal risk.
Other information	Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	For disposal of residues refer to section 13 : Disposal considerations" ". For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.
7. SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Avoid release to the environment. Do not eat, drink or smoke when using this product. Do not handle, store or open near an open flame, sources of heat or sources of ignition.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Avoid breathing mist or vapor. Keep away from combustible material.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Store in a well-ventilated place. Keep container tightly closed. Keep in a cool, well-ventilated place away from heat.
Storage conditions	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a closed container. Store in original container. Store locked up. Store in a well-ventilated place.
Incompatible materials	Refer to section 10.1 on Reactivity.
Storage area	Store away from heat.
Special rules on packaging	Keep only in original container. Store in a closed container.
Packaging materials	Keep only in the original container in a cool, well-ventilated place away from combustible materials.

7.3. **Specific end use(s)** Hydraulic fluids and additives.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limits.

Monitoring methods

A specific exposure sampling method is not available

Biological monitoring methods A specific exposure sampling method is not available

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	If contact is likely, safety glasses with side shields are recommended. EN 166.
Skin protection	
Hand protection	The protective gloves to be used must comply with the specification of EU directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove.

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4 mm	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 mm	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	Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Wear a half-mask respirator, selected in accordance with EN529. Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust
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
Appearance	Transparent.
Colour	red.
Odour	petroleum-like odour.
Odour threshold	No data available.
pH	No data available.
Relative evaporation rate (butylacetate=1)	No data available.
Melting point	Not applicable.
Freezing point	No data available.
Boiling point	No data available.
Flash point	> 157 °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	> 1
Relative density	0.83 - 0.85
Solubility	insoluble in water.
Log Pow	No data available.
Viscosity, kinematic	< 20.5 mm ² /s
Viscosity, dynamic	No data available.
Explosive properties	No data available.
Oxidising properties	No data available.
Explosive limits	No data available.

9.2. Other information

VOC (EU)	0 %
-----------------	-----

10. SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and 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	No additional information available.

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	May be fatal if swallowed and enters airways.

12. SECTION 12: Ecological information

12.1. Toxicity

Ecology - general The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

Distillates (petroleum), hydrotreated light paraffinic (64742-55-8)

Persistence and degradability	Inherently biodegradable.
Biodegradation	31 % OECD Guideline 301 F

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 P-ULV

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

Additional information No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product

13. SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) Disposal must be done according to official regulations. 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).

Waste treatment methods Dispose of contents/container in accordance with local/regional/national/international regulations. Do not allow this material to drain into sewers/water supplies. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not contaminate ponds, waterways or ditches with chemical or used container.

Product/Packaging disposal recommendations	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
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.
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
15 01 10*	packaging containing residues of or contaminated by dangerous substances

14. SECTION 14: Transport information

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

14.1. UN number

UN-No.	Not applicable.
UN-No. (IMDG)	Not applicable.
UN-No. (IATA)	Not applicable.
UN-No. (ADN)	Not applicable.
UN-No. (RID)	Not applicable.

14.2. UN proper shipping name

Proper Shipping Name	Not applicable.
Proper Shipping Name (IMDG)	Not applicable.
Proper Shipping Name (IATA)	Not applicable.
Proper Shipping Name (ADN)	Not applicable.
Proper Shipping Name (RID)	Not applicable.

14.3. Transport hazard class(es)

ADR	
Transport hazard class(es) (ADR)	Not applicable.
IMDG	
Transport hazard class(es) (IMDG)	Not applicable.
IATA	
Transport hazard class(es) (IATA)	Not applicable.
ADN	
Transport hazard class(es) (ADN)	Not applicable.
RID	
Transport hazard class(es) (RID)	Not applicable.

14.4. Packing group

Packing group	Not applicable.
Packing group (IMDG)	Not applicable.
Packing group (IATA)	Not applicable.
Packing group (ADN)	Not applicable.
Packing group (RID)	Not applicable.

14.5. Environmental hazards

Dangerous for the environment	No
--------------------------------------	----

Marine pollutant	No
Other information	No supplementary information available.

14.6. Special precautions for user

Overland transport

Not applicable.

Transport by sea

Not applicable.

Air transport

Not applicable.

Inland waterway transport

Not applicable.

Rail transport

Not applicable.

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

Not applicable.

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

Automatic Transmission Oil P-ULV - Distillates (petroleum), hydrotreated light paraffinic	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
Distillates (petroleum), hydrotreated light paraffinic	28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as Carcinogen category 1A or 1B (Table 3.1) or Carcinogen category 1 or 2 (Table 3.2) and listed as follows: Carcinogen category 1A (Table 3.1)/Carcinogen category 1 (Table 3.2) listed in Appendix 1 Carcinogen category 1B (Table 3.1)/Carcinogen category 2 (Table 3.2) listed in Appendix 2
Contains no substance on the REACH candidate list	
Contains no REACH Annex XIV substances	

VOC (EU)

0 %

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 is applicable. For details, refer to section 3 and 8.

Seveso Information

Not applicable.

National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. SECTION 16: Other information

Abbreviations and acronyms

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.
CAO	Cargo Aircraft Only.
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
DMEL	Derived Minimal Effect level.
DNEL	Derived-No Effect Level.
DPD	Dangerous Preparations Directive 1999/45/EC.
DSD	Dangerous Substances Directive 67/548/EEC.
EC50	Median effective concentration.
HSNO	Hazardous Substances and New Organisms (Act and Regulation) .
IARC	International Agency for Research on Cancer.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods.
LC50	Median lethal concentration.
LD50	Median lethal dose.
LOAEL	Lowest Observed Adverse Effect Level.
NOAEC	No-Observed Adverse Effect Concentration.
NOAEL	No-Observed Adverse Effect Level.
NOEC	No-Observed Effect Concentration.
OECD	Organisation for Economic Co-operation and Development.
OEL	Occupational Exposure Limit.
PBT	Persistent Bioaccumulative Toxic.
PCA	Passenger and Cargo Aircraft.
PCA	PASSENGER AND CARGO AIRCRAFT.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
RRN	REACH Registration no..
STP	Sewage treatment plant.
TLM	Median Tolerance Limit.
TWA	Time Weighted Average. The average concentration of a chemical in air over the total exposure time-usually an 8-hour workday..
vPvB	Very Persistent and Very Bioaccumulative.
WES	Workplace Exposure Standard – The airborne concentration of a biological or chemical agent to which a worker may be exposed.

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..

Training advice Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H- and EUH-statements

Asp. Tox. 1	Aspiration hazard, Category 1.
Carc. 1B	Carcinogenicity, Category 1B.
H304	May be fatal if swallowed and enters airways.
H350	May cause cancer.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008
[CLP]**

Asp. Tox. 1 H304 Expert judgment

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 P-ULV
Ford Int. Ref. No.: 196124

Page: 1/1
Print Date: 14.07.2017

Involved Products:

	Finiscode	Part number	Container Size:
1.	2 179 795	HU7J M2C949 AA	1 l