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

1.1. **Product identifier**

<table>
<thead>
<tr>
<th>Trade name</th>
<th>Compressor Oil - Air Conditioning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>Ford Internal Ref.: 176953</td>
</tr>
<tr>
<td>SDS Number</td>
<td>7633</td>
</tr>
<tr>
<td>Product use</td>
<td>Professional use</td>
</tr>
</tbody>
</table>

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

- **Relevant identified uses**: Compressor oil for air conditioning systems
- **Uses advised against**: No additional information available.

1.3. **Details of the supplier of the safety data sheet**

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Ford-Werke GmbH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Edsel-Ford-Str. 2-14</td>
</tr>
<tr>
<td></td>
<td>50769 Cologne</td>
</tr>
<tr>
<td></td>
<td>Germany</td>
</tr>
<tr>
<td></td>
<td>+49 221 90-33333</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:sdseu@ford.com">sdseu@ford.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distributor</th>
<th>Ford Motor Company Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Parts Distribution Centre</td>
</tr>
<tr>
<td></td>
<td>Royal Oak Way South</td>
</tr>
<tr>
<td></td>
<td>NN11 8NT Daventry, Northants</td>
</tr>
<tr>
<td></td>
<td>+44 1327 305 198</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Skin sensitisation, Category 1 H317 May cause an allergic skin reaction.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental hazards</td>
<td>Hazardous to the aquatic environment — H412 Harmful to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td></td>
<td>Chronic Hazard, Category 3</td>
</tr>
</tbody>
</table>

2.2. **Label elements**

- **Hazard pictograms**

- **Signal word** Warning
- **Contains** Poly[oxymethyl-1,2-ethanediyl]. \( \alpha \)-methyl-\( \omega \)-methoxy-
- **Hazard statements**
  - H317 May cause an allergic skin reaction.
  - H412 Harmful to aquatic life with long lasting effects.
P273 Avoid release to the environment.
P280 Wear protective gloves.
Response
P302+P352 IF ON SKIN: Wash with plenty of water.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly[oxy(methyl-1,2-ethanediyl)].alpha.-methyl.-methyl-omega.-methoxy-</td>
<td>24991-61-5</td>
<td>95 - &lt; 100</td>
<td>Skin Sens. 1, H317</td>
<td></td>
</tr>
<tr>
<td>Tris(methylphenyl) phosphate</td>
<td>1330-78-5</td>
<td>1 - &lt; 1.5</td>
<td>Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
<td></td>
</tr>
<tr>
<td>2,6-di-tert-butyl-p-cresol</td>
<td>128-37-0</td>
<td>0.1 - &lt; 1</td>
<td>Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
<td></td>
</tr>
</tbody>
</table>

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 skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Eyes contact Rinse eyes with water as a precaution.
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 May cause an allergic skin reaction.

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

Treat symptomatically.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Large Spills: Stop leak if safe to do so. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Flush residue with large amounts of water. Small spills: Wipe up with absorbent material (for example cloth). Clean surface thoroughly to remove residual contamination.

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

6.4. Reference to other sections
For further information refer to section 13.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling
Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures
Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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

Storage conditions
Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)
No additional information available.

8. SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Substance</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH40. HSE</td>
<td>2,6-di-tert-butyl-p-cresol (128-37-0)</td>
<td>WEL TWA</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

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
No additional information available.

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

Eye protection
Safety glasses.
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.

<table>
<thead>
<tr>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>0.4</td>
<td>Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a>) or comparable product.</td>
</tr>
<tr>
<td>In case of splash contact: Nitrile rubber (NBR)</td>
<td>6 (&gt; 480 minutes)</td>
<td>0.4</td>
<td>Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a>) or comparable product.</td>
</tr>
</tbody>
</table>

Other protective measures

No additional information available.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

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: Clear.

Odour: Characteristic.

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: ≥ 246 °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: 0.9954

Solubility: No data available.

Log Pow: No data available.

Viscosity, kinematic: 48.26 mm²/s @ 40°C

Viscosity, dynamic: No data available.

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 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**: May cause an allergic skin reaction.
- **Additional information**: Contains epoxy constituents. May produce an allergic reaction
- **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**: May cause an allergic skin reaction.

12. SECTION 12: Ecological information

12.1. Toxicity

- **Ecology - general**: Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Substance / Product</th>
<th>Trophic level</th>
<th>Species</th>
<th>Type</th>
<th>Value</th>
<th>Duration</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,6-di-tert-butyl-p-cresol (128-37-0)</td>
<td>crustacea</td>
<td>Daphnia magna</td>
<td>EC50</td>
<td>0.48 mg/l</td>
<td>48 hours</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>Danio rerio</td>
<td>LC0</td>
<td>&gt; 0.5 mg/l</td>
<td>96 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tris(methylphenyl) phosphate (1330-78-5)</td>
<td>Fish</td>
<td>Oncorhync hus mykiss (Rainbow trout)</td>
<td>LC50</td>
<td>0.21 - 0.32 mg/l</td>
<td>96 hours</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
No additional information available.

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Substance / Product</th>
<th>Log Kow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tris(methylphenyl) phosphate (1330-78-5)</td>
<td>5.11</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available.

12.5. Results of PBT and vPvB assessment

- **Compressor Oil - Air Conditioning**: This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.
Compressor Oil - Air Conditioning

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

<table>
<thead>
<tr>
<th>Waste treatment methods</th>
<th>Dispose of contents/container in accordance with licensed collector’s sorting instructions.</th>
</tr>
</thead>
</table>

European List of Waste (LoW) code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 02 08*</td>
<td>other engine, gear and lubricating oils</td>
</tr>
<tr>
<td>15 01 10*</td>
<td>packaging containing residues of or contaminated by dangerous substances</td>
</tr>
</tbody>
</table>

14. SECTION 14: Transport information

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

14.1. UN number

<table>
<thead>
<tr>
<th>UN-No. (ADR)</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN-No. (IMDG)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>UN-No. (IATA)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>UN-No. (ADN)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>UN-No. (RID)</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

14.2. UN proper shipping name

<table>
<thead>
<tr>
<th>Proper Shipping Name (ADR)</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name (IMDG)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Proper Shipping Name (IATA)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Proper Shipping Name (ADN)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Proper Shipping Name (RID)</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR</th>
<th>Transport hazard class(es) (ADR)</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td>Transport hazard class(es) (IMDG)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>IATA</td>
<td>Transport hazard class(es) (IATA)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>ADN</td>
<td>Transport hazard class(es) (ADN)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>RID</td>
<td>Transport hazard class(es) (RID)</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

14.4. Packing group

<table>
<thead>
<tr>
<th>Packing group (ADR)</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group (IMDG)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Packing group (IATA)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Packing group (ADN)</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
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

Compressor Oil - Air Conditioning - Tris(methylphenyl) phosphate 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

Compressor Oil - Air Conditioning - 2,6-di-tert-butyl-p-cresol - Tris(methylphenyl) phosphate 3(c) 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 class 4.1

Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC (EU) 0 %

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.
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.
PNEC  Predicted No-Effect Concentration.
RID  Regulations concerning the International Carriage of Dangerous Goods by Rail.
RRN  REACH Registration Number.
SDS  Safety Data Sheet.
STP  Sewage treatment plant.
TLM  Median Tolerance Limit.
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.

**Full text of H- and EUH-statements**

Aquatic Acute 1  Hazardous to the aquatic environment — Acute Hazard, Category 1.
Aquatic Chronic 1  Hazardous to the aquatic environment — Chronic Hazard, Category 1.
Aquatic Chronic 3  Hazardous to the aquatic environment — Chronic Hazard, Category 3.
Repr. 2  Reproductive toxicity, Category 2.
Skin Sens. 1  Skin sensitisation, Category 1.
H317  May cause an allergic skin reaction.
H361  Suspected of damaging fertility or the unborn child.
H400  Very toxic to aquatic life.
H410  Very toxic to aquatic life with long lasting effects.
H412  Harmful to aquatic life with long lasting effects.

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

<table>
<thead>
<tr>
<th>Skin Sens. 1</th>
<th>H317</th>
<th>Calculation method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Chronic 3</td>
<td>H412</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>
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.
## Involved Products:

<table>
<thead>
<tr>
<th>Finiscode</th>
<th>Part number</th>
<th>Container Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 446 680</td>
<td>6U7J M1C231 BA</td>
<td>200 ml</td>
</tr>
<tr>
<td>2 171 266</td>
<td>6U7J M1C231 CA</td>
<td>250 ml</td>
</tr>
</tbody>
</table>