



# SAFETY DATA SHEET

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

### **1.1. Product identifier**

**Trade name or designation of the mixture** A/C Compressor Oil DE  
**Registration number** -  
**Synonyms** None.  
**SDS number** 7627  
**Product code** Ford Internal Ref.: 174253  
**Issue date** 30-October-2013  
**Version number** 4.0  
**Revision date** 10-November-2014  
**Supersedes date** 10-November-2014  
**Product use** Public use

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

**Identified uses** Fluids for air conditioners  
**Uses advised against** None known.

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

**Company name** Ford Motor Company Ltd.  
**Address** Parts Distribution Centre  
Royal Oak Way South  
NN11 8NT Daventry, Northants  
United Kingdom  
**Telephone number** +44 1327 305 198  
**Address** Ford-Werke GmbH  
Edsel-Ford-Str. 2-14  
50769 Köln  
Germany  
**Telephone number** +49 221 90-33333  
**E-mail** HSE@rle.de  
**1.4 Emergency telephone number** +49 (0) 6132-84463 (GBK GmbH – 24/7)

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### **Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

**Classification** R52/53

#### **Classification according to Regulation (EC) No 1272/2008 as amended**

##### **Environmental hazards**

Hazardous to the aquatic environment, Category 3  
long-term aquatic hazard

H412 - Harmful to aquatic life with long lasting effects.

### **2.2. Label elements**

#### **Label according to Regulation (EC) No. 1272/2008 as amended**

**Hazard pictograms** None.

**Signal word** None.

##### **Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

#### **Precautionary statements**

##### **Prevention**

P273 Avoid release to the environment.

**Response** None.

**Storage** None.

## Disposal

P501

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information** EUH208 - Contains Phenol, nonyl-, phosphite (3:1), 2,6-di-tert-butyl-4-methylphenol. May produce an allergic reaction.

**2.3. Other hazards** The mixture contains no substance that fulfils the criteria of a PBT- or vPvB substance.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2,6-di-tert-butyl-4-methylphenol	0.1 - < 1	128-37-0 204-881-4	-	-	
<b>Classification:</b>	<b>DSD:</b>	T;R39/25, Xn;R22-48/22, Xi;R36, R43, N;R50/53			
	<b>CLP:</b>	Acute Tox. 4;H302, Skin Sens. 1;H317, Eye Irrit. 2;H319, STOT SE 1;H370, STOT RE 2;H373, Aquatic Acute 1;H400, Aquatic Chronic 1;H410			
Phenol, nonyl-, phosphite (3:1)	0,1 - <1	26523-78-4 247-759-6	-	015-202-00-4	
<b>Classification:</b>	<b>DSD:</b>	R43, N;R50-53			
	<b>CLP:</b>	Skin Sens. 1;H317, Aquatic Acute 1;H400, Aquatic Chronic 1;H410			
Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate	0,1 - <1	1330-78-5 215-548-8	-	-	
<b>Classification:</b>	<b>DSD:</b>	Xi;R36, N;R50			
	<b>CLP:</b>	Eye Irrit. 2;H319, Aquatic Acute 1;H400			

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

**Composition comments** The full text for all R-phrases is displayed in Section 16.

## SECTION 4: First aid measures

**General information** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### 4.1. Description of first aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control centre immediately.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

**4.2. Most important symptoms and effects, both acute and delayed** Not available.

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

## SECTION 5: Firefighting measures

**General fire hazards** Fire may produce irritating, corrosive and/or toxic gases.

### 5.1. Extinguishing media

**Suitable extinguishing media** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

<b>5.2. Special hazards arising from the substance or mixture</b>	By heating and fire irritating vapors/gases may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk. Cool containers / tanks with water spray. Water runoff can cause environmental damage.
<b>Specific methods</b>	Prevent runoff from fire control or dilution from entering streams,sewers or drinking water supply.

## **SECTION 6: Accidental release measures**

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Ensure adequate ventilation, especially in confined areas. Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
<b>6.2. Environmental precautions</b>	Avoid release to the environment. Prevent further leakage or spillage if safe to do so.
<b>6.3. Methods and material for containment and cleaning up</b>	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Do not allow material to contaminate ground water system. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use.
<b>6.4. Reference to other sections</b>	For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

## **SECTION 7: Handling and storage**

<b>7.1. Precautions for safe handling</b>	Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Use personal protective equipment as required. Wash hands thoroughly after handling. Use care in handling/storage.  Handle and open container with care. Persons susceptible for allergic reactions should not handle this product.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Store in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Store in accordance with local/regional/national/international regulation.
<b>7.3. Specific end use(s)</b>	Fluids for air conditioners

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

##### **UK. EH40 Workplace Exposure Limits (WELs)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
2,6-di-tert-butyl-4-methylph enol (CAS 128-37-0)	TWA	10 mg/m3

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no-effect level (DNEL)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

### **8.2. Exposure controls**

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas.

#### **Individual protection measures, such as personal protective equipment**

**General information** Eye wash fountain is recommended.

**Eye/face protection** Wear eye/face protection. Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Skin protection**

<b>- Hand protection</b>	<p>Wear appropriate chemical resistant gloves.</p> <p>Nitrile rubber Glove thickness 0,4mm. Break through time &gt;=480min.</p> <p>Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.</p> <p>Hand protection in case of splash contact</p> <p>Nitrile rubber Glove thickness 0,4mm. Break through time &gt;=480min.</p> <p>Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.</p> <p>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.</p>
<b>- Other</b>	Avoid contact with the skin. Wear eye/face protection. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<b>Respiratory protection</b>	Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices.
<b>Environmental exposure controls</b>	Do not allow this material to drain into sewers/water supplies.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

#### **Appearance**

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Light yellow.
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	204.0 °C (399.2 °F) Cleveland open cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	0.99 g/cm <sup>3</sup> @15°C
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble @ 20°C
<b>Solubility (other)</b>	Not available.

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.

## 9.2. Other information

<b>Kinematic viscosity</b>	9.234 mm <sup>2</sup> /s (@ 100 °C) 43.32 mm <sup>2</sup> /s (@ 40 °C)
<b>Pour point</b>	-45 °C (-49 °F)
<b>VOC (EU)</b>	not applicable
<b>VOC (CH)</b>	< 3 %

## **SECTION 10: Stability and reactivity**

<b>10.1. Reactivity</b>	None under normal conditions.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Strong oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

## **SECTION 11: Toxicological information**

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### **Information on likely routes of exposure**

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms** Exposure may cause temporary irritation, redness, or discomfort.

### **11.1. Information on toxicological effects**

<b>Product</b>	<b>Species</b>	<b>Test results</b>
A/C Compressor Oil DE		
<b>Acute</b>		
<i>Oral</i>		> 5000 mg/kg (calcd. ATE)
<b>Skin corrosion/irritation</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Not available.	
<b>Respiratory sensitisation</b>	Not available.	
<b>Skin sensitisation</b>	May be irritating to the skin. Due to partial or complete lack of data the classification is not possible.	
<b>Germ cell mutagenicity</b>	Not available.	
<b>Carcinogenicity</b>		
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
2,6-di-tert-butyl-4-methylphenol (CAS 128-37-0)		3 Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	Not available.	
<b>Specific target organ toxicity - single exposure</b>	Not available.	
<b>Specific target organ toxicity - repeated exposure</b>	Not available.	
<b>Aspiration hazard</b>	Not available.	

**Mixture versus substance information** Not available.

**Other information** May cause allergic skin disorders in sensitive individuals. May cause allergic respiratory and skin reactions.

## **SECTION 12: Ecological information**

**12.1. Toxicity** Avoid discharge into drains, water courses or onto the ground. Components of this product are hazardous to aquatic life.

The product contains a substance which may cause long-term adverse effects in the environment.

<b>Components</b>	<b>Species</b>	<b>Test results</b>	
2,6-di-tert-butyl-4-methylphenol (CAS 128-37-0)			
<b>Aquatic</b>			
Algae	EC50	Desmodesmus subspicatus(reported as Scenedesmus subspicatus)	0.42 mg/l, 72 hours
Fish	LC50	Fish	5 mg/l, 48 hours
Phenol, nonyl-, phosphite (3:1) (CAS 26523-78-4)			
<b>Aquatic</b>			
Crustacea	EC50	Daphnia magna	0.3 mg/l, 48 hours
Fish	LC50	Oncorhynchus mykiss	> 100 mg/l, 96 hours
Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate (CAS 1330-78-5)			
<b>Aquatic</b>			
Fish	LC50	Oncorhynchus mykiss	0.21 - 0.32 mg/l, 96 hours

**12.2. Persistence and degradability** No data is available on the degradability of this product.

**12.3. Bioaccumulative potential** Not available.

**Partition coefficient n-octanol /water (log Kow)**

Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate 5.11

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** Not available.

**12.5. Results of PBT and vPvB assessment** The mixture contains no substance that fulfils the criteria of a PBT- or vPvB substance.

**12.6. Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## **SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Residual waste** Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13 02 06

15 01 10

**Disposal methods/information** Do not discharge into drains, water courses or onto the ground. Dispose in accordance with all applicable regulations.

## **SECTION 14: Transport information**

**ADR**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

## **SECTION 15: Regulatory information**

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

#### **EU regulations**

Not applicable.

#### **Restrictions on use**

Not applicable.

#### **Other regulations**

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product does not need to be labelled in accordance with EC directives or respective national laws.

#### **Other EU regulations**

Not applicable.

#### **Directive 94/33/EC on the protection of young people at work**

Phenol, nonyl-, phosphite (3:1) (CAS 26523-78-4)

Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate (CAS 1330-78-5)

#### **National regulations**

##### **VOC (EU):**

not applicable

##### **Major accident legislation**

N/A

### **15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

## **SECTION 16: Other information**

### **List of abbreviations**

AC: Article category.

acc., acc.to: according, according to.

ACGIH: American Conference of Governmental Industrial Hygienists.

AFNOR: French Institute for Standards (Association Française de Normalisation).

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures).

ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route).

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).

AICS: Australian Inventory of Chemical Substances.

ANSI: American National Standards Institute.

AOEL: Acceptable Operator Exposure Level.

AOX: adsorbable organic halogen compounds.

approx.: approximately.

ASTM: ASTM International.

ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).

BAM: Federal Institute for Materials Research and Testing, Germany (Bundesanstalt für Materialforschung und -prüfung).

Maximum permissible concentration of biological working substances (BAT: Biologische Arbeitsstofftoleranzwerte).

BAuA: Federal Institute for Occupational Health and Safety, Germany (Bundesanstalt für Arbeitsschutz und Arbeitsmedizin).

BCF: Bio-concentration factor.

BET: Brunauer-Emmett-Teller.

BLV: Biological Limit Value.

BLV: Biological Limit Value (BGW: Biologischer Grenzwert, Austria).

BMGV: Biological Monitoring Guidance Value (EH40,UK).

BSI: British Standards Institution.

BS: British Standard.

BOD5: Biochemical oxygen demand within 5 days.

BOD: Biochemical oxygen demand.

bw: Body weight.

calcd.: calculated.

CAS: Chemical Abstract Service.

CEN: European Committee for Standardization (Comité Européen de Normalisation).

CESIO: European Committee on Organic Surfactants and their Intermediates (Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques).

ChemRRV: Ordinance on the risk reduction related to chemical products (ChemRRV: Chemikalien-Risikoreduktions-verordnung, Switzerland).

CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

CMR: Substances classified as Carcinogenic, Mutagenic or toxic for Reproduction.

CNS: Central Nervous System.

CNT: Carbon nanotubes.

COD: Chemical Oxygen Demand.  
CSA: Chemical Safety Assessment.  
CSR: Chemical Safety Report.  
DETEC: Swiss Federal Department of the Environment, Transport, Energy and Communications.  
DIN: German Standards Institute / German industrial norm (Deutsches Institut für Normung / Deutsche Industrienorm).  
DMEL: Derived Minimum Effect Level.  
DNEL: Derived No Effect Level.  
DOC: Dissolved organic carbon.  
DPD: Directive 1999-45-EC / Dangerous Preparations Directive.  
DSD: Directive 67/548-EC / Dangerous Substances Directive.  
DSL: Canada, Domestic Substances List.  
DU: Downstream User.  
dw: dry weight.  
e.g.: For example, for instance.  
EBW: Exposure Based Waiving.  
EC: European Community.  
EC50: Effective Concentration 50%.  
ECHA: European Chemical Agency.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
ELINCS: European List of Notified Chemical Substances.  
EN: European norm.  
ENCS: Japan, Inventory of Existing and New Chemical Substances.  
EPA: United States Environmental Protection Agency.  
ERC: Environmental release category.  
ES: Exposure scenario.  
EUSES: European Union System for the Evaluation of Substances.  
EWC/EWL: European Waste Catalogue.  
GCL: General concentration limit.  
gen.: general.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
GLP: Good Laboratory Practice.  
GW/VL: Occupational exposure limit value.  
GW-kw: Occupational exposure limit value - short term.  
GW-M/VL-M: Occupational exposure limit value – "Ceiling".  
GWP: Global Warming Potential.  
HPV: High Production Volume Chemicals.  
HEPA: High Efficiency Particulate Air.  
IARC: International Agency for Research on Cancer.  
IATA: International Air Transport Association.  
IBC: Intermediate Bulk Container.  
IBC Code: International Bulk Chemical (Code) (International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk).  
ICAO: International Civil Aviation Organization.  
IC50: Inhibition Concentration 50%.  
IECSC: Inventory of Existing Chemical Substances in China.  
IMDG Code: International Maritime Dangerous Goods Code.  
IMO: International Maritime Organization.  
incl.: including, inclusive.  
ISO: International Standards Organization.  
IUCLID: International Uniform Chemical Information Database.  
IUPAC: International Union for Pure Applied Chemistry.  
KECI: Korea Existing Chemicals Inventory.  
LCA: Life Cycle Assessment.  
LC: Lethal Concentration.  
LC50: Lethal Concentration 50%.  
LCLo: Lowest published lethal concentration.  
LD50: Lethal Dose 50%.  
LEV: Local exhaust ventilation.  
LOAEL: Lowest observed adverse effect level.  
LOEC: Lowest observable effect concentration.  
LOEL: Lowest observable effect level.  
LPV: Low Production Volume Chemicals.  
LQ: Limited Quantities.  
Air Quality Control Regulation (LRV: Luftreinhalteverordnung, Switzerland).  
TLV-STEL: Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value (TRK-Kzw = Technische Richtkonzentration - Kurzzeitwert).



Maximum allowable workplace concentration – instantaneous value (MAK-Mow: Maximale Arbeitsplatzkonzentration – Momentanwert, Austria)  
 Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value (MAK-Tmw, TRK-Tmw : Maximale Arbeitsplatzkonzentration - Tagesmittelwert / TRK-Tmw = Technische Richtkonzentration – Tagesmittelwert, Austria).  
 MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).  
 MARPOL: International Convention for the Prevention of Pollution From Ships.  
 MTD: Maximum tolerated dose.  
 MWCNT: Multi-walled carbon nanotubes.  
 n.a.: not applicable.  
 N/A: Not available.  
 n.d.: not determined.  
 NLP: No Longer Polymers.  
 NDSL: Canada, Non-Domestic Substances List.  
 NF: French Norm (See AFNOR).  
 NFPA: National Fire Protection Association.  
 NIOSH: National Institute for Occupational Safety & Health.  
 NOAEC: No Observed Adverse Effect Concentration.  
 NOAEL: No observed adverse effect level.  
 NOEC: No observed effect concentration.  
 NOEL: No observed effect level.  
 NTP: National Toxicology Program.  
 NZIoC: New Zealand Inventory of Chemicals.  
 ODP: Ozone Depletion Potential.  
 OECD: Organization for Economic Cooperation and Development.  
 OEL: Occupational Exposure Limit.  
 org.: organic.  
 OSHA: Occupational Safety & Health Administration.  
 PAH: Polycyclic Aromatic Hydrocarbons.  
 PBT: Persistent, bioaccumulative, toxic.  
 PC: Product category.  
 PE: Polyethylene.  
 PEC: Predicted Environmental Concentration.  
 PEL: Permissible Exposure Limit.  
 PIC: Prior Informed Consent.  
 PICCS: Philippines Inventory of Commercial Chemical Substances.  
 PNEC: Predicted No Effect Concentration.  
 POCP: Photochemical ozone creation potential (Photochemisches Ozonbildungspotenzial).  
 POP: Persistent Organic Pollutant.  
 PPORD: Product and Process Oriented Research and Development.  
 PPE: Personal Protective Equipment.  
 PROC: Process category.  
 RA: Risk Assessment.  
 RAR: Risk Assessment Report.  
 RCRA: Resource Conservation Recovery Act.  
 REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).  
 RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).  
 RMM: Risk Management Measure.  
 RTECS: Registry of Toxic Effects of Chemical Substances.  
 QSAR: Quantitative Structure Activity Relation.  
 SARA: Superfund Amendments and Reauthorization Act.  
 SADT: Self-Accelerating Decomposition Temperature.  
 SCL: Specific concentration limit.  
 SEA: socio economic analysis.  
 STEL: Short-term Exposure Limit.  
 STP: Sewage treatment plant.  
 SU: Sector of use.  
 SVHC: Substance of Very High Concern.  
 SWCNT: single-walled carbon nanotubes.  
 ThOD: Theoretical oxygen demand.  
 TOC: Total Organic Carbon.  
 TLV: Threshold Limit Value.  
 TRA: Targeted Risk Assessment.  
 TSCA: Toxic Substance Control Act.  
 TWA: Time Weighted Average.  
 UC: Use category.

UDS: Use descriptor system.  
UEC: Use and exposure categories.  
UN: United Nations.  
UN RTDG: United Nations Recommendations on the Transport of Dangerous Goods.  
UVCB: Unknown or Variable Composition, Complex Reaction Products, and Biological Materials.  
Regulation on combustible liquids (VbF: Verordnung über brennbare Flüssigkeiten, Austria).  
Regulation of the Austria Minister for Labor and Social Affairs regarding health surveillance at the workplace (VGÜ = Verordnung des Bundesministers für Arbeit und Soziales über die Gesundheitsüberwachung am Arbeitsplatz).  
VOC: Volatile organic compounds.  
vPvB: very Persistent, very Bioaccumulative.  
WEL-TWA: Workplace Exposure Limit-Long term exposure limit (8-hour TWA(=time weighted average)reference period).  
WEL-STEL: Workplace Exposure Limit-Short term exposure limit (15-minute reference period).  
WoE: Weight of evidence.  
WHMIS: Workplace Hazardous Materials Information System.  
WHO: World Health Organization.  
wwt: wet weight.

## References

Not available.

## Information on evaluation method leading to the classification of mixture

Not available.

## Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R39/25 Toxic: danger of very serious irreversible effects if swallowed.  
R43 May cause sensitisation by skin contact.  
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
R50 Very toxic to aquatic organisms.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R53 May cause long-term adverse effects in the aquatic environment.  
H302 Harmful if swallowed.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H370 Causes damage to organs.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

## Revision information

Product and Company Identification: Product and Company Identification

## Training information

Not available.

## Disclaimer

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:** A/C Compressor Oil DE  
**Ford Int. Ref. No.:** 174253

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**Print Date:** 10.11.2014

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**Involved Products:**

	<b>Finiscode</b>	<b>Part number</b>	<b>Container Size:</b>
1.	1 565 897	9U7J M1C231 AA	250 ml