



# REAR AXLE OIL SAE 75W-85

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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

#### 1.1. Product identifier

Trade name	Rear Axle Oil SAE 75W-85
Product code	Ford Internal Ref.:201220
SDS Number	6177
Product use	Professional use

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

##### Relevant identified uses

Use of the substance/mixture	Lubricant
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

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

Environmental hazards	Hazardous to the aquatic environment — H411 Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects.
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#### 2.2. Label elements

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

##### Hazard pictograms



##### Signal word

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##### Hazard statements

H411 Toxic to aquatic life with long lasting effects.

##### Precautionary statements

##### Prevention

P273 Avoid release to the environment.

##### Response

P391

Collect spillage

**Supplemental hazard information**

EUH208

Contains Polysulfides, di-tert-Bu, Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) . May produce an allergic reaction

**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 heavy paraffinic	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25-XXXX	50 - < 75	Asp. Tox. 1, H304	(Note L)
Baseoil - unspecified	*	1 - 3	Asp. Tox. 1, H304	
1-Propene, 2-methyl-, sulfurized	68511-50-2 270-943-2	1 - 3	Aquatic Chronic 4, H413	
Polysulfides, di-tert-Bu	68937-96-2 273-103-3 01-2119540515-43-XXXX	1 - 3	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	( 46 =<C <= 100) Skin Sens. 1B, H317
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched)	N/A 931-384-6 01-2119493620-38-XXXX	0,1 - < 1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 2, H411 (M=0)	( 9.39 =<C < 100) Skin Sens. 1, H317 ( 50 <C <= 100) Eye Dam. 1, H318
(Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines	1213789-63-9 627-034-4 01-2119473797-19-XXXX	0,25 - < 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	

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.

\* Contains one or more of the following 64741-88-4 / RRN 01-2119488706-23, 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4 / RRN 01-2119483621-38, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN

01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN 01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8, 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 / RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN 01-2119474889-13

Full text of H-statements: see section 16

## 4. SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
<b>Skin contact:</b>	Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Eyes contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Rinse mouth thoroughly. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

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

<b>Symptoms/effects after inhalation</b>	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
<b>Symptoms/effects after skin contact</b>	Defatting, drying and cracking of skin.
<b>Symptoms/effects after eye contact</b>	May cause moderate irritation. Redness.
<b>Symptoms/effects after ingestion</b>	May cause: Diarrhea, Nausea.

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

Treat symptomatically.

## 5. SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Water spray. Dry powder. Foam. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use a water jet since it may cause the fire to spread.

### 5.2. Special hazards arising from the substance or mixture

<b>Fire hazard</b>	pressure rise and possible bursting of container.
<b>Hazardous combustion products</b>	Toxic fumes may be released. Carbon oxides (CO, CO <sub>2</sub> ).

### 5.3. Advice for firefighters

<b>Firefighting instructions</b>	Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters protective clothing.
<b>Protection during firefighting</b>	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

<b>Protective equipment</b>	Wear appropriate protective equipment and clothing during clean-up. For further information refer to section 8: "Exposure controls/personal protection".
<b>Emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ventilate spillage area. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained.

#### 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

Keep unnecessary personnel away.

#### 6.2. Environmental precautions

Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases.

#### 6.3. Methods and material for containment and cleaning up

##### For containment

Stop leak without risks if possible. Move containers from fire area if it can be done without personal risk.

##### Methods for cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. 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 in original containers for re-use.

##### 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

##### Precautions for safe handling

Ensure good ventilation of the work station. Protect material from direct sunlight. Avoid contact with skin and eyes. Avoid breathing mist or vapor. Wear personal protective equipment.

##### Hygiene measures

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. Observe good industrial hygiene practices.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage conditions

Store in original tightly closed container. Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store away from incompatible materials (see Section 10 of the SDS).

#### 7.3. Specific end use(s)

Grease. Lubricant.

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

#### 8.1. Control parameters

##### EU

Regulation	Substance	Type	Value
COMMISSION DIRECTIVE 2000/39/EC	White mineral oil (petroleum) (8042-47-5)	IOELV STEL	5 mg/m <sup>3</sup>
	ethylbenzene (100-41-4) Ethylbenzene	IOELV TWA	442 mg/m <sup>3</sup>
		IOELV TWA	100 ppm
		IOELV STEL	884 mg/m <sup>3</sup>
		IOELV STEL	200 ppm
	Notes	Skin	

##### United Kingdom

Regulation	Substance	Type	Value
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**United Kingdom**

EH40. HSE	ethylbenzene (100-41-4) Ethylbenzene	WEL TWA	441 mg/m <sup>3</sup>
		WEL TWA	100 ppm
		WEL STEL	552 mg/m <sup>3</sup>
		WEL STEL	125 ppm
		Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)

**DNEL: Derived no effect level**

No data available

Components	Type	Route	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	Worker	Dermal	1 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	2.7 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	5.6 mg/m <sup>3</sup>	Long-term - local effects
	Consumer	Oral	0.74 mg/kg bodyweight/day	Long-term - systemic effects
Polysulfides, di-tert-Bu (68937-96-2)	Worker	Dermal	3.33 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	14.5 mg/m <sup>3</sup>	Long-term - systemic effects
	Consumer	Inhalation	2.6 mg/m <sup>3</sup>	Long-term - systemic effects
		Dermal	1.66 mg/kg bodyweight/day	Long-term - systemic effects
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (N/A)	Worker	Dermal	12.5 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	8.56 mg/m <sup>3</sup>	Long-term - systemic effects
	Consumer	Dermal	0.024 mg/cm <sup>2</sup>	Acute - local effects
		Oral	0.25 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	2.2 mg/m <sup>3</sup>	Long-term - systemic effects
		Dermal	6.25 mg/kg bodyweight/day	Long-term - systemic effects
(Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines (1213789-63-9)	Worker	Inhalation	1 mg/m <sup>3</sup>	Acute - local effects
		Inhalation	0.38 µg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	1 mg/m <sup>3</sup>	Long-term - local effects
	Consumer	Oral	40 µg/kg bw/day	Long-term - systemic effects
		Inhalation	0.035 mg/m <sup>3</sup>	Long-term - systemic effects

**PNEC: Predicted no effect concentration**

No data available

Components	Type	Route	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	Not applicable	Oral	9.33 kg/kg food	Secondary Poisoning
Polysulfides, di-tert-Bu (68937-96-2)	Not applicable	Freshwater	0.24 µg/L	Intermittent release
		Seawater	0.024 µg/L	
		Freshwater sediment	0.002 mg/l	
		Freshwater sediment	0.94 mg/kg dwt	
		Seawater sediment	0.094 mg/kg dwt	Seawater
		Soil	1513 mg/kg dwt	Secondary Poisoning
		Oral	6.66 mg/kg food	
		STP	4.51 mg/l	
Reaction products of bis(4-	Not applicable	Freshwater	0.001 mg/l	

methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (N/A)		Seawater	0.12 µg/L	
		Freshwater	0.085 mg/l	Intermittent release
		sediment	14.4 mg/kg dwt	Freshwater
		sediment	1.44 mg/kg dwt	Seawater
		Soil	2.94 mg/kg dwt	
		Oral	10 mg/kg food	Secondary Poisoning
		STP	24.33 mg/l	
(Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines (1213789-63-9)	Not applicable	Freshwater	0.26 µg/L	
		Seawater	0.026 µg/L	
		Freshwater	1.26 µg/L	Intermittent release
		sediment	3.76 mg/kg dwt	Freshwater
		sediment	0.376 mg/kg dwt	Seawater
		Soil	10 mg/kg dwt	
		STP	550 µg/L	

## 8.2. Exposure controls

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level

### Materials for protective clothing

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

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

#### Eye protection

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

#### Skin protection

##### Hand protection

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	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

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.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. If the occupational exposure limit is exceeded: Filter type: A-P2

#### Skin and body protection

Wear suitable protective clothing, Long sleeved protective clothing

#### Thermal hazard protection

Wear appropriate thermal protective clothing, when necessary.

#### Environmental exposure controls

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

## 9. SECTION 9: Physical and chemical properties

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

Physical state	Liquid
Colour	Blue. Green.
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
Pour point	-48 °C
Freezing point	No data available
Boiling point	No data available
Flash point	224 °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	0.874 g/cm <sup>3</sup> @ 15°C
Solubility	insoluble in water.
Log Pow	No data available
Viscosity, kinematic	69 mm <sup>2</sup> /s @ 40°C 11.8 mm <sup>2</sup> /s @ 100°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

VOC (EU)	Not applicable
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## 10. SECTION 10: Stability and reactivity

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|--|--|
| 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                | Keep away from open flames, hot surfaces and sources of ignition.                                    |
| 10.5. Incompatible materials             | Oxidising agents.  |
| 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.

#### Substance

Name	Method	Type	Exposure route	Value	Unit	Species	Remarks
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (N/A)	(acc. CLP 3.1.2)	ATE	oral	> 300 - 2000	mg/kg		
(Z)-octadec-9-enylamine, C16-18-	(OECD 401)	LD50	oral	1200	mg/kg	rat	

(even numbered, saturated and unsaturated)-alkylamines (1213789-63-9)

method)

bw

<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met (All hydrocarbons in this mixture: Note L is applicable (DMSO <3%), therefore no classification as carcinogen)
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met

## 12. SECTION 12: Ecological information

### 12.1. Toxicity

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

#### Hazardous to the aquatic environment, short-term (acute)

Substance / Product	Trophic level	Species	Type	Value	Duration	Remarks
(Z)-octadec-9-enylamine, C16-18- (even numbered, saturated and unsaturated)-alkylamines (1213789-63-9)	Fish	Pimephales promelas	LC50	0,06 mg/L	96 hr	
	crustacea	Daphnia magna	EC50	0,32 mg/L	48 h	(OECD 202 method)

#### Hazardous to the aquatic environment, long-term (chronic)

Substance / Product	Trophic level	Species	Type	Value	Duration	Remarks
Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (N/A)	Fish	Oncorhynchus mykiss (Rainbow trout)	NOEC	3,2 mg/l	96 h	
	crustacea	Daphnia magna	NOEC	0,12 mg/l	21 d	
	algae	algae	NOEC	1,7 mg/l	96 h	
(Z)-octadec-9-enylamine, C16-18- (even numbered, saturated and unsaturated)-alkylamines (1213789-63-9)	crustacea	Daphnia magna	NOEC	0,013 mg/L	21 d	(OECD 211 method)

### 12.2. Persistence and degradability

**Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) (N/A)**

**Biodegradation** 7.4 % (28 d, OECD TG 301 B)

### 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

### Rear Axle Oil SAE 75W-85

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

**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 product.

## 13. SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Regional legislation (waste)</b>	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). Dispose of in accordance with local regulations.
<b>Waste treatment methods</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Product/Packaging disposal recommendations</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>Additional information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Ecology - waste materials</b>	Avoid discharge into drains, water courses or onto the ground.
<b>European List of Waste (LoW) code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
13 02 08*	other 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

<b>UN-No. (ADR)</b>	3082
<b>UN-No. (IMDG)</b>	3082
<b>UN-No. (IATA)</b>	3082
<b>UN-No. (ADN)</b>	3082
<b>UN-No. (RID)</b>	3082

### 14.2. UN proper shipping name

<b>Proper Shipping Name (ADR)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines)
<b>Proper Shipping Name (IMDG)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines)
<b>Proper Shipping Name (IATA)</b>	Environmentally hazardous substance, liquid, n.o.s. ((Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines)
<b>Proper Shipping Name (ADN)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines)
<b>Proper Shipping Name (RID)</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines)

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	9
Danger labels (ADR)	9

#### IMDG

Transport hazard class(es) (IMDG)	9
Danger labels (IMDG)	9

#### IATA

Transport hazard class(es) (IATA)	9
Hazard labels (IATA)	9

#### ADN

Transport hazard class(es) (ADN)	9
Danger labels (ADN)	9

#### RID

Transport hazard class(es) (RID)	9
Danger labels (RID)	9

### 14.4. Packing group

Packing group (ADR)	III
Packing group (IMDG)	III
Packing group (IATA)	III
Packing group (ADN)	III
Packing group (RID)	III

### 14.5. Environmental hazards

Dangerous for the environment	Yes
Marine pollutant	Yes
Other information	No supplementary information available.

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	M6
Special provisions (ADR)	274, 335, 375, 601
Limited quantities (ADR)	5I
Packing instructions (ADR)	P001, IBC03, LP01, R001
Hazard identification number (Kemler No.)	90
Tunnel restriction code (ADR)	-
EAC code	*3Z

#### Transport by sea

Special provisions (IMDG)	274, 335, 969
Limited quantities (IMDG)	5 L
Packing instructions (IMDG)	LP01, P001
EmS-No. (Fire)	F-A
EmS-No. (Spillage)	S-F
Stowage category (IMDG)	A

#### Air transport

PCA Excepted quantities (IATA)	E1
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<b>PCA Limited quantities (IATA)</b>	Y964
<b>PCA limited quantity max net quantity (IATA)</b>	30kgG
<b>PCA packing instructions (IATA)</b>	964
<b>PCA max net quantity (IATA)</b>	450L
<b>CAO packing instructions (IATA)</b>	964
<b>CAO max net quantity (IATA)</b>	450L
<b>Special provisions (IATA)</b>	A97, A158, A197
<b>ERG code (IATA)</b>	9L
<b>Inland waterway transport</b>	
<b>Classification code (ADN)</b>	M6
<b>Special provisions (ADN)</b>	274, 335, 375, 601
<b>Limited quantities (ADN)</b>	5 L
<b>Carriage permitted (ADN)</b>	T
<b>Rail transport</b>	
<b>Classification code (RID)</b>	M6
<b>Special provisions (RID)</b>	274, 335, 375, 601
<b>Packing instructions (RID)</b>	P001, IBC03, LP01, R001
<b>Hazard identification number (RID)</b>	90

#### 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

Distillates (petroleum), hydrotreated heavy paraffinic	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
Distillates (petroleum), hydrotreated heavy paraffinic - Baseoil - unspecified - Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) - Polysulfides, di-tert-Bu - (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines	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
Rear Axle Oil SAE 75W-85 - Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) - Polysulfides, di-tert-Bu - 1-Propene, 2-methyl-, sulfurized - (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines	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
Distillates (petroleum), hydrotreated heavy paraffinic	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

##### VOC (EU)

Not applicable

**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.

**Seveso Information**

E2 Hazardous to the Aquatic Environment in Category Chronic 2

**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**

1.4. Emergency telephone number.

**Abbreviations and acronyms**

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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
AGW	Occupational exposure limit value
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM	Federal Institute for Materials Research and Testing, Germany
BAT	Maximum permissible concentration of biological working substances.
BCF	Bio-concentration factor.
BLV	Biological limit values
BLV	Biological limit values (BGW, Austria)
BMGV	Biological Monitoring Guidance Value (EH40,UK).
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
CESIO	European Committee on Organic Surfactants and their Intermediates.
COD	Chemical oxygen demand
CLP	Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
CMR	Carcinogenic, Mutagenic or Reproduction Toxic Substances
CSA	Chemical safety assessment
CSR	Chemical Safety Report.
DMEL	Derived Minimum Effect Level.
DNEL	Derived no effect level
EAC	European waste catalogue
EC	European community
EC50	Effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
EN	European norm.

ERC	ERC (Environmental Release category)
EU	European Union
GLP	Good Laboratory Practice.
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
GW/VL	Occupational exposure limit value.
GW-kw/VL-cd	Occupational exposure limit value - short term.
GW-M/VL-M	Occupational exposure limit value – "Ceiling".
IATA	International Air Transport Association
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	International Maritime Dangerous Goods
ISO	International Standards Organization.
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal Concentration 50%.
LCLo	Lowest published lethal concentration.
LD50	Lethal Dose 50%.
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest observable effect concentration.
LOEL	Lowest observable effect level.
LQ	Limited quantities
TRK-Kzw	Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value, Austria.
MAK-Mow	Maximum allowable workplace concentration – instantaneous value, Austria.
MAK-Tmw, TRK-Tmw	Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value, Austria.
MAK	Threshold limit values Germany.
MARPOL	International Convention for the Prevention of Pollution from Ships.
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
NOEL	no-observed-effect level
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limits
PBT	Persistent Bioaccumulative Toxic
PC (Chemical product category)	PC (Chemical product category)
PNEC	Predicted No-Effect Concentration
POCP	Photochemical ozone creation potential.
POP	Persistent Organic Pollutants
PPE	Personal protective equipment
Process category	Process category
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

SCL	Specific concentration limit.
STEL	Short-term Exposure Limit
STP	Sewage treatment plant
SU (Sector of use)	SU (Sector of use)
SVHC	Substance of Very High Concern.
TLV	Threshold Limit Value
TRGS	Technical Rules for Hazardous Substances (German Standard).
TWA	Time Weighted Average
UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
VbF	Ordinance on Flammable Liquids, Austria
VOC	Volatile organic compounds
vPvB	Very Persistent and 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).

**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

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Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4.
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 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2.
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3.
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4.
Asp. Tox. 1	Aspiration hazard, Category 1.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1.
Skin Corr. 1B	Skin corrosion/irritation, Category 1B.
Skin Sens. 1	Skin sensitisation, Category 1.
Skin Sens. 1B	Skin sensitisation, category 1B.
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2.
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
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.
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.

EUH208

Contains Polysulfides, di-tert-Bu, Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) . May produce an allergic reaction.

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

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Aquatic Chronic 2	H411	Calculation method
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*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:** Rear Axle Oil SAE 75W-85

**Ford Int. Ref. No.:** 201220

REVISION DATE: 26.11.2019

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**Involved Products:**

Finiscode	Part number	Container Size:
1 2 433 507	EU7J M2C942 AB	1 l