



# Motor Oil 5W-30 Prem.Synth.Fuel Conserving Ford

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 7-12-2017 Supersedes: 14-2-2014 version: 6.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Motor Oil 5W-30 Prem.Synth.Fuel Conserving Ford  
Product code : 05000E

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
Use of the substance/mixture : Automotive care products  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

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

MPM International Oil Company  
Cyclotronweg 1  
2629 HN Delft - Nederland  
T +31 (0)15 2514030 - F +31 (0)15 2514031  
[info@mpmoil.nl](mailto:info@mpmoil.nl) - [www.mpmoil.nl](http://www.mpmoil.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	

### SECTION 2: Hazards identification

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

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

Skin sensitisation, Category 1 H317

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning  
Hazardous ingredients : C14-16-18 Alkylphenol  
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.  
Precautionary statements (CLP) : P280 - Wear protective gloves.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container to officially registered waste disposal company.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	(CAS-No.) 72623-87-1 (EC-No.) 276-738-4 (EC Index-No.) 649-483-00-5 (REACH-no) 01-2119474889-13	70 - 90	Asp. Tox. 1, H304
Reaction products of benzeneamine, N-phenyl- with nonene (branched)	(CAS-No.) 36878-20-3 (EC-No.) 253-249-4 (REACH-no) 01-2119488911-28	1 - 2,49	Aquatic Chronic 4, H413
C14-16-18 Alkylphenol	(REACH-no) 01-2119498288-19	1 - 2,49	Skin Sens. 1, H317 STOT RE 2, H373
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	(EC-No.) 298-577-9 (EC Index-No.) 272-028-3 (REACH-no) 01-21419543726-33	1 - 1,49	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	(EC-No.) 298-577-9 (EC Index-No.) 272-028-3 (REACH-no) 01-21419543726-33	( 6,25 =<C < 100) Skin Irrit. 2, H315 ( 10 =<C < 12,5) Eye Irrit. 2, H319 ( 12,5 =<C < 100) Eye Dam. 1, H318

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

After inhalation : No special measures are necessary.  
After skin contact : Wash with plenty of soap and water.  
After eye contact : In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.  
After ingestion : Do NOT induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : water spray, powder, foam and CO2.  
Unsuitable extinguishing media : High power water jet.

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

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.  
Other information : Exercise caution when fighting any chemical fire. Use water spray/stream to protect personnel and to cool endangered containers.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

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### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Notify authorities if liquid enters sewers or public waters.

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

For containment : Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

Methods for cleaning up : Clean with the help of detergents. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Other information : Can be slippery on hard, smooth walking area.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.

Handling temperature : < 40 °C

Hygiene measures : When using do not eat, drink or smoke. Wash hands before breaks and at the end of work.

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

Storage temperature : < 40 °C

Storage area : Keep container tightly closed in a cool, well-ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Additional information : Based on ACGIH TLV, a concentration of 5 mg/m<sup>3</sup> oilspray (TWA, 8 hour workday) is recommended.

### 8.2. Exposure controls

#### Personal protective equipment:

Safety glasses.

#### Hand protection:

Wear suitable gloves resistant to chemical penetration

#### Eye protection:

Safety glasses

#### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

#### Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

Appearance : Oily.

Colour : Yellowbrown.

Odour : characteristic.

Odour threshold : No data available

pH : No data available

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Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 218 °C ASTM D 92
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 852 g/l @ 15°C
Solubility	: Slightly soluble, the product remains on the water surface.
Log Pow	: No data available
Viscosity, kinematic	: 52 mm <sup>2</sup> /s @ 40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong oxidizing agent. Acids and bases.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	
LD50 oral rat	2600 mg/kg
LD50 dermal rat	> 3160 mg/kg OECD 402

Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Motor Oil 5W-30 Prem.Synth.Fuel Conserving Ford	
Viscosity, kinematic	52 mm <sup>2</sup> /s @ 40°C

### SECTION 12: Ecological information

#### 12.1. Toxicity

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	
LC50 fish 1	4,5 ml/l OECD 203 (Oncorhynchus mykiss) 96h
LC50 other aquatic organisms 1	2,1 ppm OECD 201 (Selenastrum capricornutum) 48h
EC50 Daphnia 1	5,4 ml/l OECD 202 (Daphnia magna) 48h
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
LC50 fish 1	> 100 mg/l @ 96h
LC50 other aquatic organisms 1	600 mg/l @ 72h (Algae)
EC50 Daphnia 1	51 mg/l @ 48h
EC50 72h algae (1)	> 100 mg/l
NOEC chronic algae	33 mg/l @ 96h

#### 12.2. Persistence and degradability

Motor Oil 5W-30 Prem.Synth.Fuel Conserving Ford	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	
Biodegradation	1,5 % OECD 301B 28d
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Persistence and degradability	Poorly biodegradable.
Biodegradation	0 % Sturm-test @28d

#### 12.3. Bioaccumulative potential

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	
Log Pow	0,9 @23C
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Bioconcentration factor (BCF REACH)	1730
Log Kow	3,6 @0.1d
Bioaccumulative potential	Moderate bioconcentration.

#### 12.4. Mobility in soil

Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	
Log Koc	> 2000
Soil	Low mobility (soil).

#### 12.5. Results of PBT and vPvB assessment

Component	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (72623-87-1)	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
Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Waste disposal according to official state regulations.
Waste materials	: After use, this oil must be sent to a used oil collecting location. Incorrect disposal of used oil endangers the environment. Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Used oil is hazardous waste.
European List of Waste (LoW) code	: 13 02 00 - waste engine, gear and lubricating oils 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils 15 01 10* - packaging containing residues of or contaminated by dangerous substances

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### SECTION 14: Transport information

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

ADR	IMDG
<b>14.1. UN number</b>	
Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>	
Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>	
Not applicable	Not applicable
Not applicable	Not applicable
<b>14.4. Packing group</b>	
Not applicable	Not applicable
<b>14.5. Environmental hazards</b>	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

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

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

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

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	Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) - Reaction products of benzeneamine, N-phenyl- with nonene (branched) - C14-16-18 Alkylphenol
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	Motor Oil 5W-30 Prem.Synth.Fuel Conserving Ford - Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) - Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based - C14-16-18 Alkylphenol
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	Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate) - Reaction products of benzeneamine, N-phenyl- with nonene (branched)

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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 Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

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STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

### SDS MPM REACH

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*