



# Motor Oil 10W-50 High Performance Racing

## Safety Data Sheet

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

Date of issue: 17/05/2011

Revision date: 14/01/2013

version: 2.1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Motor Oil 10W-50 High Performance Racing  
Product code : 06000R

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

##### 1.2.1. Relevant identified uses

No additional information available

##### 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)

Country	Official advisory body	Address	Emergency number
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, Centre Hospitalier Universitaire de Constantine	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]

Eye Irrit. 2 H319

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

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning.  
Hazard statements (CLP) : H319 - Causes serious eye irritation  
Precautionary statements (CLP) : P264 - Wash the hands thoroughly after handling  
P280 - Wear eye protection  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313 - If eye irritation persists: Get medical advice/attention

#### 2.3. Other hazards

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

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	50 - 75	Asp. Tox. 1, H304
Polyolefine polyamine succinimide, polyol	(CAS No) 147880-09-9	< 25	Aquatic Chronic 4, H413
Calcium branched chain alkyl phenate sulphide	(CAS No) 90480-91-4 (EC no) 291-829-9	< 25	Aquatic Chronic 4, H413
Zinc Alkyldithiophosphate	(CAS No) 68649-42-3 (EC no) 272-028-3 (REACH-no) 01-2119493635-27	1 - 2,5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Zinc Alkyldithiophosphate	(CAS No) 68649-42-3 (EC no) 272-028-3 (REACH-no) 01-2119493635-27	( 5 =<C < 10) Eye Irrit. 2, H319 (C >= 10) 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	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
After skin contact	: After contact with skin, wash immediately with plenty of water and soap. If irritation persists, consult a specialist.
After eye contact	: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. If irritation persists, consult a specialist.
After ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Let water be swallowed in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

After skin contact	: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: powder, alcohol-resistant foam, water spray, carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Fire hazard	: On heating/burning: release of (highly) toxic gases/vapours e.g.: carbon monoxide - carbon dioxide.
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#### 5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Self-contained breathing apparatus with an air line.
Other information	: Use water spray/stream to protect personnel and to cool endangered containers. Do not allow water used to extinguish fire to enter drains or waterways.

### SECTION 6: Accidental release measures

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

General measures	: Mark out the contaminated area with signs and prevent access to unauthorized personnel.
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##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing and eye/face protection.
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##### 6.1.2. For emergency responders

Protective equipment	: Wear respiratory protection. Wear suitable protective clothing and gloves.
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### 6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Prevent spreading over great surfaces (e.g. by damming or installing oil booms). 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 up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).  
Other information : Can be slippery on hard, smooth walking area.

### 6.4. Reference to other sections

Information on disposal - see Section 13. Information on personal protective equipment - see Chapter 8. Information on safe handling - see Section 7.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

Technical measures : Keep only in the original container in a cool, well-ventilated place.  
Storage conditions : Store in original container. Protect from heat and direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Motor Oil 10W-50 High Performance Racing		
EU	IOELV TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> Mineral oil

DNEL : This information is not available.

PNEC : This information is not available.

### 8.2. Exposure controls

Technical measures : Provide adequate ventilation.

Personal protective equipment : Safety glasses.



## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : clear.  
Colour : brown.  
Odour : Low.  
Odour threshold : No data available  
pH : 8  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : < -33 °C  
Freezing point : No data available  
Boiling point : > 300 °C  
Flash point : > 210 °C OC [ASTM D92]  
Auto-ignition temperature : > 300 °C  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : < 0,01 kPa [20°C]  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density : 855 g/l

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Solubility	: Water: practically insoluble
Log Pow	: > 4
Viscosity, kinematic	: 17,6 - 119 cSt [100°C - 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

No data available.

### 10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under normal use.

### 10.5. Incompatible materials

Oxidizing substances.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Motor Oil 10W-50 High Performance Racing	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Zinc Alkyldithiophosphate (68649-42-3)	
LD50 oral rat	2230 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Not classified (Lack of data)  
pH: 8

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 8

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Motor Oil 10W-50 High Performance Racing	
Viscosity, kinematic	17,6 - 119 mm <sup>2</sup> /s [100°C - 40°C]

## SECTION 12: Ecological information

### 12.1. Toxicity

Motor Oil 10W-50 High Performance Racing	
LC50 fish 1	> 100 mg/l 96H

Polyolefine polyamine succinimide, polyol (147880-09-9)	
LC50 fish 1	No data available

Zinc Alkyldithiophosphate (68649-42-3)	
LC50 fish 1	1 - 5 mg/l @ 96h

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<b>Zinc Alkyldithiophosphate (68649-42-3)</b>	
EC50 Daphnia 1	1 - 1,5 @ 48 h
EC50 other aquatic organisms 2	1 - 5 mg/l Algae @ 96 h
NOEC (acute)	1 mg/l @ 96 h ( Fish )
NOEC chronic algae	1 mg/l @ 96 h

<b>Calcium branched chain alkyl phenate sulphide (90480-91-4)</b>	
LC50 fish 1	No data available

### 12.2. Persistence and degradability

<b>Zinc Alkyldithiophosphate (68649-42-3)</b>	
Persistence and degradability	No data available.

<b>Calcium branched chain alkyl phenate sulphide (90480-91-4)</b>	
Persistence and degradability	No data available.

### 12.3. Bioaccumulative potential

<b>Motor Oil 10W-50 High Performance Racing</b>	
Log Pow	> 4

<b>Zinc Alkyldithiophosphate (68649-42-3)</b>	
Bioaccumulative potential	not determined.

<b>Calcium branched chain alkyl phenate sulphide (90480-91-4)</b>	
Bioaccumulative potential	No additional information available.

### 12.4. Mobility in soil

<b>Motor Oil 10W-50 High Performance Racing</b>	
Soil	No data available.

<b>Zinc Alkyldithiophosphate (68649-42-3)</b>	
Soil	No data available.

<b>Calcium branched chain alkyl phenate sulphide (90480-91-4)</b>	
Soil	No data available.

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : No other effects known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Waste disposal according to official state regulations.
Waste treatment methods	: Do not dispose of with domestic waste.
Waste disposal recommendations	: Remove to an authorized waste treatment plant.
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.
European List of Waste (LoW) code	: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

## SECTION 14: Transport information

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

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

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### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : 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

No data available

#### - Transport by sea

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

Contains no REACH substances with Annex XVII restrictions

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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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*