



# MPM Engine Oil Stop Leak

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 16/07/2025 version: 1.0

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

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: MPM Engine Oil Stop Leak
Product code	: AD16000
Type of product	: Additives
Product group	: Mixture

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

##### Relevant identified uses

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

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

##### Manufacturer

MPM International Oil Company BV

Cyclotronweg 1

NL 2629 HN Delft, Zuid Holland

Nederland

T +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

[info@mpmoil.com](mailto:info@mpmoil.com), [www.mpmoil.com](http://www.mpmoil.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

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

Not classified

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

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

Precautionary statements (CLP)	: P102 - Keep out of reach of children. P501 - Dispose of contents/container in accordance with local and national regulations.
EUH-statements	: EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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Component	
Substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	Triphenylphosphate (115-86-6)

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Triphenylphosphate substance listed on REACH Candidate List (Triphenyl phosphate)	CAS-No.: 115-86-6 EC-No.: 204-112-2 REACH-no: 01-2119457432-41	≥ 0.1 – < 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General : If you feel unwell, seek medical advice.  
After inhalation : Remove person to fresh air and keep comfortable for breathing.  
After skin contact : Wash skin with plenty of water.  
After eye contact : Rinse eyes with water as a precaution.  
After ingestion : Call a poison center or a doctor if you feel unwell.

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

After inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.  
After skin contact : None under normal conditions.  
After eye contact : None under normal conditions.  
After ingestion : None under normal conditions.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

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### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

#### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

#### 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 : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

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

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

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### 8.2. Exposure controls

#### Appropriate engineering controls

##### Technical measures:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Safety glasses

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

#### Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid.
Colour	: Yellow.
Appearance	: Oily.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: > 200 °C
Flammability (solid, gas)	: Non flammable.
Lower explosion limit	: 0.6 vol %
Upper explosion limit	: 6.5 vol %
Flash point	: > 200 °C ISO 3679
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 113 mm²/s @ 40°C - DIN EN ISO 3104
Solubility	: Not available
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 850 kg/m³ DIN 51757
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

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### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Triphenylphosphate (115-86-6)

LD50 oral rat	> 20000 mg/kg OECD Guideline 401
LD50 dermal rat	> 10000 mg/kg OECD Guideline 402
LC50 Inhalation - Rat	200 mg/l
ATE CLP (vapours)	200 mg/l/4h
ATE CLP (dust,mist)	200 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

#### Triphenylphosphate (115-86-6)

NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Guideline: EPA OPPTS 870.3200 @ 21/28 Days
Aspiration hazard	: Not classified

#### MPM Engine Oil Stop Leak

Viscosity, kinematic	113 mm <sup>2</sup> /s @ 40°C - DIN EN ISO 3104
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### 11.2. Information on other hazards

#### Endocrine disrupting properties

##### Component

Triphenylphosphate (115-86-6)	The substance has been identified as having endocrine disrupting properties, but no additional data are available.
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## SECTION 12: Ecological information

### 12.1. Toxicity

General	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

#### Triphenylphosphate (115-86-6)

LC50 fish 1	0.4 mg/l <i>Oncorhynchus mykiss</i>
EC50 Daphnia 1	1 mg/l <i>Daphnia magna</i>
EC50 72h - Algae [1]	2.45 mg/l <i>Raphidocelis subcapitata</i>
EC50 72h - Algae [2]	3.73 mg/l <i>Pseudokirchneriella subcapitata</i> ( <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> )
LOEC (chronic)	0.831 mg/l <i>Daphnia magna</i> Duration (21 d)
NOEC (chronic)	0.254 mg/l <i>Daphnia magna</i> Duration (@ 21d)
NOEC chronic fish	0.001 ml/l @ 90d <i>Oncorhynchus mykiss</i>
NOEC chronic crustacea	0.254 ml/l @21d <i>Daphnia magna</i>

### 12.2. Persistence and degradability

#### MPM Engine Oil Stop Leak

Persistence and degradability	No relevant information available.
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#### Triphenylphosphate (115-86-6)

Persistence and degradability	Rapidly degradable
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### 12.3. Bioaccumulative potential

#### Triphenylphosphate (115-86-6)

Bioconcentration factor (BCF REACH)	144 <i>Oryzias latipes</i>
Log Pow	463

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

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### 12.6. Endocrine disrupting properties

#### Component

Triphenylphosphate (115-86-6)	The substance has been identified as having endocrine disrupting properties, but no additional data are available.
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### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Additional information	: This material and its container must be disposed of in a safe way, and as per local legislation.
European List of Waste (LoW, EC 2000/532)	: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

## SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
<b>14.1. UN number or ID number</b>	
Not regulated for transport	
<b>14.2. UN proper shipping name</b>	
Not regulated	
<b>14.3. Transport hazard class(es)</b>	
Not regulated	
<b>14.4. Packing group</b>	
Not regulated	
<b>14.5. Environmental hazards</b>	
Not regulated	
No supplementary information available	

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

#### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

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### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq 0.1\%$  or SCL: Triphenyl phosphate (EC 204-112-2, CAS 115-86-6)

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
ED	Endocrine disruptor
EC-No.	European Community number
vPvB	Very Persistent and Very Bioaccumulative
SDS	Safety Data Sheet
TRGS	Technical Rules for Hazardous Substances
TLM	Median Tolerance Limit
ThOD	Theoretical oxygen demand (ThOD)
STP	Sewage treatment plant

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Abbreviations and acronyms:	
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
PBT	Persistent Bioaccumulative Toxic
OEL	Occupational Exposure Limit
OECD	Organisation for Economic Co-operation and Development
NOEC	No-Observed Effect Concentration
NOAEC	No-Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LD50	Median lethal dose
N.O.S.	Not Otherwise Specified
NOAEL	No-Observed Adverse Effect Level
LC50	Median lethal concentration
IOELV	Indicative Occupational Exposure Limit Value
IATA	International Air Transport Association
IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods
EN	European Standard

Data sources

: Supplier's safety documents. ECHA (European Chemicals Agency).

Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
EUH210	Safety data sheet available on request.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.