# MPM Engine Stop Smoke

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 17/07/2025 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 Stop Smoke |
| Product code | : | AD17000 |
| 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<br>Used in closed systems |
| Use of the substance/mixture | : | Combustion engines. |
| Function or use category | : | 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, 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.<br>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

| 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<br>substance listed on REACH Candidate List (Triphenyl phosphate) | CAS-No.: 115-86-6<br>EC-No.: 204-112-2<br>REACH-no: 01-2119457432-41 | ≥ 0.1 – < 1 | Aquatic Acute 1, H400<br>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.

### 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

## 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 |

### 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 Stop Smoke | |
|---|---|
| Viscosity, kinematic | 113 mm²/s @ 40°C - DIN EN ISO 3104 |

### 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. |

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

### 12.2. Persistence and degradability

| MPM Engine Stop Smoke | |
|---|---|
| Persistence and degradability | No relevant information available. |

| Triphenylphosphate (115-86-6) | |
|---|---|
| Persistence and degradability | Rapidly degradable |

### 12.3. Bioaccumulative potential

| Triphenylphosphate (115-86-6) | |
|---|---|
| Bioconcentration factor (BCF REACH) | 144 Oryzias latipes |
| Log Pow | 463 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 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. |

### 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 |
|---|---|
| **14.1. UN number or ID number** | |
| Not regulated for transport | |
| **14.2. UN proper shipping name** | |
| Not regulated | Not regulated |
| **14.3. Transport hazard class(es)** | |
| Not regulated | Not regulated |
| **14.4. Packing group** | |
| Not regulated | Not regulated |
| **14.5. Environmental hazards** | |
| Not regulated | 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)

### 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 ≥ 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 |

| 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.