



# MPM Octane Booster

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 22-2-2019 Revision date: 14-2-2023 Supersedes: 2-12-2022 version: 9.1

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM Octane Booster  
UFI : R35U-FSKM-D10P-3GJA  
Product code : AD02000  
Type of product : Additives  
Product group : Mixture

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use  
Function or use category : Fuel 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  
[info@mpmoil.nl](mailto:info@mpmoil.nl) - [www.mpmoil.com](http://www.mpmoil.com)

#### 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	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

### SECTION 2: Hazards identification

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

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

Serious eye damage/eye irritation, Category 1 H318  
Carcinogenicity, Category 2 H351  
Reproductive toxicity, Category 1B H360  
Aspiration hazard, Category 1 H304  
Hazardous to the aquatic environment – Chronic Hazard, Category 2 H411  
Full text of H-statements: see section 16

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

No additional information available.

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### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

GHS08

GHS09

CLP Signal word

: Danger.

Contains

: Ferrocene; Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics.; Solvent naphtha (petroleum), heavy arom.; Kerosine— unspecified; Hydrocarbons C10-C13, Aromatics, >1% Naphtalene

Hazard statements (CLP)

: H304 - May be fatal if swallowed and enters airways.  
H319 - Causes serious eye irritation.  
H351 - Suspected of causing cancer (oral).  
H360 - May damage the unborn child, May damage fertility. (oral).  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.  
P280 - Wear face shield, protective gloves.  
P301+P310+P331 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do NOT induce vomiting.  
P501 - Dispose of contents/container in accordance with local and national regulations.

EUH-statements

: EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

This mixture contains substances considered to be very persistent and very bioaccumulative (vPvB).

This mixture contains substances considered to be very persistent and very bioaccumulative (vPvB).

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not 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 at a concentration equal to or greater than 0,1 %

## 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]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics.	CAS-No.: 1174522-09-8 EC-No.: 918-481-9 REACH-no: 01-2119457273-39	≥ 80 – ≤ 95	Asp. Tox. 1, H304
Solvent naphtha (petroleum), heavy arom.; Kerosine— unspecified	CAS-No.: 64742-94-5 EC-No.: 265-198-5 EC Index-No.: 649-424-00-3 REACH-no: 01-2119510128-50	≥ 10 – ≤ 15	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate	CAS-No.: 7491-09-0 EC-No.: 231-308-5 EC Index-No.: 231-308-5	≥ 3 – ≤ 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
Hydrocarbons C10-C13, Aromatics, >1% Naphtalene	EC-No.: 926-273-4 REACH-no: 01-2119451151-53	≥ 3 – ≤ 5	Carc. 2, H351 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Naphthalene	CAS-No.: 91-20-3 EC-No.: 202-049-5 EC Index-No.: 601-052-00-2	≥ 1 – ≤ 3	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	CAS-No.: 64742-47-8 EC-No.: 926-141-6 REACH-no: 01-2119456620-43	≥ 1 – ≤ 3	Asp. Tox. 1, H304
Ferrocene	CAS-No.: 102-54-5 EC-No.: 203-039-3 REACH-no: 01-21199778280-34	< 1	Flam. Sol. 1, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Repr. 1B, H360 STOT RE 2, H373 Aquatic Chronic 1, H410 (M=10)
1,2,4-trimethylbenzene	CAS-No.: 95-63-6 EC-No.: 202-436-9 EC Index-No.: 601-043-00-3	< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	: Remove the victim away from contaminated area.
After inhalation	: Remove person to fresh air and keep comfortable for breathing.
After skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
After eye contact	: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
After ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Aspiration hazard. Go into open air and ventilate suspected area.

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

After inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
After skin contact	: Repeated exposure may cause skin dryness or cracking.
After eye contact	: Causes eye irritation.
After ingestion	: Aspiration hazard. Ingestion may cause nausea, vomiting and diarrhea. Entering the lungs by ingestion or vomiting may cause severe lung damage.

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

Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. Symptoms of respiratory complications (lung oedema) may occur several hours after.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray, powder, foam and CO <sub>2</sub> .
Unsuitable extinguishing media	: Do not use a heavy water stream.

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### 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.

## SECTION 6: Accidental release measures

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

General measures : Eliminate every possible source of ignition.

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours.

#### 6.1.2. For emergency responders

Protective equipment : Wear respiratory protection.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Other information : Provide adequate ventilation.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : This product is not to be used under conditions of poor ventilation. Avoid aerosol formation.

Precautions for safe handling : Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge.

Hygiene measures : Avoid all unnecessary exposure. Wash contaminated clothing before reuse. 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 : Store in a well-ventilated place. Keep container tightly closed. Keep in a cool, well-ventilated place away from heat. Keep only in the original container at a temperature not exceeding the flash point.

Storage conditions : Keep container tightly closed. Store in a dry place. Store in a well-ventilated place. Keep cool.

Heat and ignition sources : Protect from heat and direct sunlight.

Storage area : Store according to local legislation.

Special rules on packaging : Keep only in original container.

### 7.3. Specific end use(s)

No additional information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. National occupational exposure and biological limit values

Naphthalene (91-20-3)	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Naphthalene
IOELV TWA (mg/m <sup>3</sup> )	30 mg/m <sup>3</sup>
IOELV TWA (ppm)	10 ppm
Notes	(Year of adoption 2010)
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Naphthalene
OEL (8 hours ref) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
OEL (8 hours ref) (ppm)	10 ppm
Notes (IE)	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
1,2,4-trimethylbenzene (95-63-6)	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
IOELV TWA (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup> 08-06-2000
IOELV TWA (ppm)	25 ppm 08-06-2000
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	125 mg/m <sup>3</sup>

##### 8.1.2. Recommended monitoring procedures

No additional information available.

##### 8.1.3. Air contaminants formed

No additional information available.

##### 8.1.4. DNEL and PNEC

Additional information : Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40) 1200mg/m<sup>3</sup>

##### 8.1.5. Control banding

No additional information available.

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No additional information available.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Safety glasses. Gloves. Protective clothing.

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### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear tight fitting safety glasses or facial screen

#### 8.2.2.2. Skin protection

##### Skin and body protection:

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

##### Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	> 0,38		EN 374-2, EN 374-3, EN 388

#### Other skin protection

##### Materials for protective clothing:

Wear suitable protective clothing, gloves and eye/face protection

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

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

#### 8.2.2.4. Thermal hazards

No additional information available.

#### 8.2.3. 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	: Colourless.
Odour	: Characteristic.
Odour threshold	: Solvent
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 160 – 220 °C
Flammability	: Non flammable.
Explosive limits	: 0,6 – 7 vol %
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 61 °C
Auto-ignition temperature	: > 400 °C Could burn but do not ignite readily
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: < 20,5 mm <sup>2</sup> /s Not determined.
Solubility	: Insoluble in water.
Log Kow	: Not available

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Vapour pressure	: 10 hPa @ 20 °C
Vapour pressure at 50°C	: Not available
Density	: 893 kg/m <sup>3</sup> @ 15°C
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available.

#### 9.2.2. Other safety characteristics

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts violently with oxidizing substances.

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agent. Strong reducing agents.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met.)
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics. (1174522-09-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 4951 mg/m <sup>3</sup> @ 4h

#### Ferrocene (102-54-5)

LD50 oral rat	1320 mg/kg
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<b>Ferrocene (102-54-5)</b>	
LD50 dermal rat	> 3000 mg/kg bodyweight OECD 402
ATE CLP (oral)	1320 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1,5 mg/l/4h
<b>Naphthalene (91-20-3)</b>	
LD50 oral rat	490 mg/kg
LD50 dermal rat	5000 mg/kg
LC50 Inhalation - Rat	> 100 mg/l/4h
ATE CLP (oral)	490 mg/kg bodyweight
ATE CLP (dermal)	5000 mg/kg bodyweight
<b>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate (7491-09-0)</b>	
LD50 dermal rabbit	> 10000 mg/kg bodyweight OECD 402 male
<b>Solvent naphtha (petroleum), heavy arom.; Kerosine— unspecified (64742-94-5)</b>	
LC50 Inhalation - Rat	> 590 mg/l/4h
<b>Hydrocarbons C10-C13, Aromatics, &gt;1% Naphtalene</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	590 mg/l 1h
ATE CLP (vapours)	590 mg/l/4h
ATE CLP (dust,mist)	590 mg/l/4h
<b>1,2,4-trimethylbenzene (95-63-6)</b>	
LD50 oral rat	2040 mg/kg
LD50 dermal rabbit	3160 mg/kg
LC50 Inhalation - Rat	18000 mg/m <sup>3</sup> 4h
ATE CLP (oral)	2040 mg/kg bodyweight
ATE CLP (dermal)	3160 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	18 mg/l/4h
ATE CLP (dust,mist)	1,5 mg/l/4h
Skin corrosion/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met.)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met.)
Carcinogenicity	: Suspected of causing cancer (oral).
Reproductive toxicity	: May damage the unborn child, May damage fertility. (oral).
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met.)
<b>Solvent naphtha (petroleum), heavy arom.; Kerosine— unspecified (64742-94-5)</b>	
STOT-single exposure	May cause drowsiness or dizziness.



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<b>1,2,4-trimethylbenzene (95-63-6)</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met.)
<b>Ferrocene (102-54-5)</b>	
LOAEL (oral, rat, 90 days)	25 mg/kg bodyweight OECD 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
LOAEC (inhalation, rat, vapour, 90 days)	0,003 mg/l air
NOAEL (oral, rat, 90 days)	5 mg/kg bodyweight OECD 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
NOAEC (inhalation, rat, vapour, 90 days)	0,005 mg/l air
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
<b>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate (7491-09-0)</b>	
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight OECD 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
<b>Hydrocarbons C10-C13, Aromatics, &gt;1% Naphtalene</b>	
NOAEL (oral, rat, 90 days)	300 mg/kg bodyweight OECD 408, EPA OPP 82-1
Aspiration hazard	: May be fatal if swallowed and enters airways.
<b>MPM Octane Booster</b>	
Viscosity, kinematic	< 20,5 mm <sup>2</sup> /s Not determined.
<b>11.2. Information on other hazards</b>	
<b>11.2.1. Endocrine disrupting properties</b>	
Adverse health effects caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not 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 at a concentration equal to or greater than 0,1 %
<b>11.2.2. Other information</b>	
<b>SECTION 12: Ecological information</b>	
<b>12.1. Toxicity</b>	
Ecology - water	: Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, &lt;2% aromatics. (1174522-09-8)</b>	
LC50 fish 1	> 100 mg/l @96h Oncorhynchus mykiss
EC50 Daphnia 1	> 100 mg/l @48h Daphnia magna
EC50 other aquatic organisms 1	> 100 mg/l @72h Pseudokirchneriella subcapitata
<b>Ferrocene (102-54-5)</b>	
EC50 72h - Algae [1]	1,03 mg/l Scenedesmus subspicatus
<b>Naphthalene (91-20-3)</b>	
LC50 fish 1	0,5 mg/l
<b>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate (7491-09-0)</b>	
LC50 fish 1	> 49 mg/l

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<b>Potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulphonate (7491-09-0)</b>	
EC50 Daphnia 1	6,6 mg/l Daphnia magna
EC50 Daphnia 2	10,3 mg/l Daphnia magna
EC50 other aquatic organisms 1	> 6,6 mg/l freshwater invertebrates
ErC50 (algae)	82,5 mg/l
NOEC chronic crustacea	22 mg/l

<b>Solvent naphtha (petroleum), heavy arom.; Kerosine— unspecified (64742-94-5)</b>	
EC50 Daphnia 1	3 – 5 mg/l

<b>Hydrocarbons C10-C13, Aromatics, &gt;1% Naphtalene</b>	
LC50 fish 1	607,9 mg/l Bateria
LC50 fish 2	2 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	3 mg/l Dapnia Magna

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics (64742-47-8)</b>	
LC50 fish 1	1000 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	1000 mg/l Daphnia magna
EC50 72h - Algae [1]	1000 mg/l Pseudokirchneriella subcapitata

<b>1,2,4-trimethylbenzene (95-63-6)</b>	
EC50 Daphnia 1	6,14 mg/l 48h

### 12.2. Persistence and degradability

<b>MPM Octane Booster</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

<b>MPM Octane Booster</b>	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Results of PBT and vPvB assessment

<b>MPM Octane Booster</b>	
This mixture contains substances considered to be very persistent and very bioaccumulative (vPvB).	
This mixture contains substances considered to be very persistent and very bioaccumulative (vPvB).	

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The product does not contain any substances with endocrine disrupting properties.

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

### SECTION 14: Transport information

In accordance with ADR / IMDG

#### 14.1. UN number or ID number

UN-No. : UN 3082  
UN-No. (IMDG) : UN 3082

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10, Aromatics, <1% Naphthalene, [Solvent naphtha (petroleum), heavy arom.] ; Solvent naphtha (petroleum), heavy arom)  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10, Aromatics, <1% Naphthalene, [Solvent naphtha (petroleum), heavy arom.] ; Solvent naphtha (petroleum), heavy arom)  
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10, Aromatics, <1% Naphthalene, [Solvent naphtha (petroleum), heavy arom.] ; Solvent naphtha (petroleum), heavy arom), 9, III, (-)  
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hydrocarbons C10, Aromatics, <1% Naphthalene, [Solvent naphtha (petroleum), heavy arom.] ; Solvent naphtha (petroleum), heavy arom), 9, III, MARINE POLLUTANT

#### 14.3. Transport hazard class(es)

##### ADR

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



##### IMDG

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



#### 14.4. Packing group

Packing group (ADR) : III  
Packing group (IMDG) : III

#### 14.5. Environmental hazards

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

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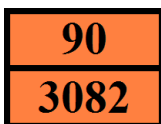
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### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : M6  
Limited quantities (ADR) : 5I  
Transport category (ADR) : 3  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -  
EAC code : •3Z

#### Transport by sea

Limited quantities (IMDG) : 5 L  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F

### 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

#### 15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)  
Contains no substance(s) listed on the REACH Candidate List  
Contains no substance(s) listed on REACH Annex XIV (Authorisation List)  
Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)  
Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### 15.1.2. National regulations

No additional information available.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Change	Comments
	Adverse health effects caused by endocrine disrupting properties	Modified	
	Adverse effects on the environment caused by endocrine disrupting properties	Added	
	Revision date	Modified	
	Supersedes	Modified	
13.1	Waste disposal recommendations	Modified	

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.

Other information : None.

# MPM Octane Booster

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
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
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
Flam. Sol. 2	Flammable solids, Category 2
Repr. 1B	Reproductive toxicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
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
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H360	May damage fertility or the unborn child.
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.
EUH066	Repeated exposure may cause skin dryness or cracking.

### 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.