



# MPM Chainsaw Oil ISO-VG 100

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 11-7-2011 Revision date: 26-10-2020 Supersedes: 7-9-2020 version: 3.2

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM Chainsaw Oil ISO-VG 100  
Product code : 46000

#### 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  
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

##### Manufacturer

MPM International Oil Company BV  
Cyclotronweg 1  
2629 HN Delft - Nederland  
T +31 (0)15 2514030  
[info@mpmoil.com](mailto:info@mpmoil.com) - [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        | Organisation/Company   | Address                                  | Emergency number   | Comment |
|----------------|--|--|--|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital   | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital   | PO Box 1297<br>Beaumont Road<br>9        | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER                 | +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] Mixtures/Substances: SDS EU > 2015: According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Not classified

##### 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]

No labelling applicable

### 2.3. Other hazards

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 substance(s) are 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

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                    |  |
|--------------------|--|
| After inhalation   | : Not required.  |
| 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. |
|------------------------------|--------------------------------------|

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

No additional information available

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Self-contained breathing apparatus with an air line. |
| Other information              | : Exercise caution when fighting any chemical fire.    |

## SECTION 6: Accidental release measures

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

|                  |                            |
|------------------|----------------------------|
| General measures | : When using do not smoke. |
|------------------|----------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                           |
|----------------------|---------------------------|
| Protective equipment | : Gloves. Safety glasses. |
|----------------------|---------------------------|

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### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and eye/face protection.

### 6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage.

### 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). This material and its container must be disposed of in a safe way, and as per local legislation.  
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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from sources of ignition - No smoking.  
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Technical measures : Store in a well-ventilated place. Keep container tightly closed.  
Storage conditions : Store in original container.  
Incompatible products : Strong acid. Strong oxidizing agent. alkali.  
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

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

No additional information available

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

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Technical measures:

Provide adequate ventilation.

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### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses.

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



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

None under normal use

##### Hand protection:

Wear suitable gloves.

| Hand protection |  |                   |                |             |          |
|-----------------|--|-------------------|----------------|-------------|----------|
| Type            | Material   | Permeation        | Thickness (mm) | Penetration | Standard |
| Reusable gloves | Nitrile rubber (NBR),<br>Polyvinylchloride (PVC) | 5 (> 240 minutes) |                |             |          |

#### Other skin protection

##### Materials for protective clothing:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Not necessary with sufficient ventilation

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

The usual precautions for handling chemicals should be observed.

## SECTION 9: Physical and chemical properties

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

|                       |                     |
|-----------------------|---------------------|
| Physical state        | : Liquid.           |
| Colour                | : Amber.            |
| Appearance            | : Oily.             |
| Odour                 | : Characteristic.   |
| Odour threshold       | : Not available     |
| Melting point         | : Not available     |
| Freezing point        | : Not available     |
| Boiling point         | : Not available     |
| Flammability          | : Not available     |
| Explosive limits      | : 1 – 6 vol %       |
| Lower explosion limit | : Not available     |
| Upper explosion limit | : Not available     |
| Flash point           | : > 200 °C ASTM D92 |

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|                                 |                               |
|---------------------------------|-------------------------------|
| Auto-ignition temperature       | : Not available               |
| Decomposition temperature       | : Not available               |
| pH                              | : Not available               |
| Viscosity, kinematic            | : 172 mm <sup>2</sup> /s 40 C |
| Solubility                      | : Practically insoluble.      |
| Log Kow                         | : Not available               |
| Vapour pressure                 | : Not available               |
| Vapour pressure at 50°C         | : Not available               |
| Density                         | : 890 kg/m <sup>3</sup>       |
| 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

None under normal use.

### 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

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

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

|                             |   |
|-----------------------------|---|
| Acute toxicity (oral)       | : Not classified (Lack of data) (Lack of data)            |
| Acute toxicity (dermal)     | : Not classified (Lack of data) (Lack of data)            |
| Acute toxicity (inhalation) | : Not classified (Lack of data) (Lack of data)            |
| Additional information      | : Low order of acute / systemic toxicity.                 |
| Skin corrosion/irritation   | : Not classified  |
| Additional information      | : Repeated or prolonged skin contact may cause irritation |

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|                                   |   |
|-----------------------------------|---|
| Serious eye damage/irritation     | : Not classified  |
| Additional information            | : slightly irritated but not relevant for classification.                   |
| 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  |
| Aspiration hazard                 | : Not classified  |
| Additional information            | : Entering the lungs by ingestion or vomiting may cause severe lung damage. |

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|                      |                             |
|----------------------|-----------------------------|
| Viscosity, kinematic | 172 mm <sup>2</sup> /s 40 C |
|----------------------|-----------------------------|

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|  |  |
|--|--|
| 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 substance(s) are 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 % |
|--|--|

#### 11.2.2. Other information

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                      |
|---|----------------------|
| General   | : No data available. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified     |

### 12.2. Persistence and degradability

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|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

### 12.3. Bioaccumulative potential

No additional information available

### 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

|  |   |
|--|---|
| 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

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional waste regulation : Waste disposal according to official state regulations.

### SECTION 14: Transport information

In accordance with ADR / IMDG

#### 14.1. UN number or ID number

UN-No. : Not applicable  
UN-No. (IMDG) : Not applicable

#### 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

#### 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. 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

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### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

No additional information available

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.