



# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 11/04/2011 Revision date: 18/12/2024 Supersedes: 12/07/2023 version: 9.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil  
Product code : 14000  
Type of product : Other engine, gear and lubricating oils.  
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  
Industrial  
For professional use only  
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](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

No additional information available

#### 2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
EUH-statements : EUH208 - Contains: Phosphoric acid ester amine salt. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

##### Component

|   |  |
|---|--|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ) |

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

(<sup>1</sup>) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

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 %

| Component   |  |
|---|--|
| Substance(s) not 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 | (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ) |

(<sup>1</sup>) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Comments : Highly refined mineral oil, contains <3% (w/w) DMSO extract, according to IP346

| Name                                   | Product identifier   | %                        | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|--------------------------|--|
| Polysulphides, di-tert-Bu              | CAS-No.: 68937-96-2<br>EC-No.: 273-103-3<br>REACH-no: 01-2119540515-43 | $\geq 1 - \leq 3.99$     | Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412   |
| Phosphoric acid ester amine salt       | EC-No.: 931-384-6<br>REACH-no: 01-2119493620-38                        | $\geq 0.1 - \leq 0.99$   | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411   |
| (Z)-N-9-octadecenyl-1,3-diaminopropane | CAS-No.: 7173-62-8<br>EC-No.: 230-528-9<br>REACH-no: 01-2119487002-46  | $\geq 0.01 - \leq 0.099$ | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT RE 1, H372<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=10) |

### Specific concentration limits:

| Name                             | Product identifier   | Specific concentration limits (%)   |
|----------------------------------|--|---|
| Polysulphides, di-tert-Bu        | CAS-No.: 68937-96-2<br>EC-No.: 273-103-3<br>REACH-no: 01-2119540515-43 | $(46 \leq C < 100)$ Skin Sens. 1B; H317   |
| Phosphoric acid ester amine salt | EC-No.: 931-384-6<br>REACH-no: 01-2119493620-38                        | $(9.39 \leq C < 100)$ Skin Sens. 1; H317<br>$(50.01 \leq C < 100)$ Eye Irrit. 2; H319 |

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

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                    |   |
|--------------------|---|
| General            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| After inhalation   | : Allow affected person to breathe fresh air. Allow the victim to rest.   |
| 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 immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                         |
| After ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical 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.             |
| After inhalation   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  |
| After skin contact | : Not expected to present a significant skin hazard under anticipated conditions of normal use.        |
| After eye contact  | : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. |
| After ingestion    | : Not expected to present a significant ingestion 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   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

No additional information available

#### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Precautionary measures fire    | : Exercise caution when fighting any chemical fire.   |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| 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 | : If spilled, may cause the floor to be slippery. |
|------------------|---|

##### For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Protective equipment | : Gloves. Safety glasses.         |
| Emergency procedures | : Evacuate unnecessary personnel. |

##### For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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.   |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
| Other information       | : Spill area may be slippery. Use suitable disposal containers.  |

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.  |
| Precautions for safe handling     | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. |
| Handling temperature              | : < 40 °C  |
| Hygiene measures                  | : 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 closed container.  |
| Storage conditions     | : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products  | : Strong bases. Strong acids.   |
| Incompatible materials | : Sources of ignition. Direct sunlight.   |
| Storage temperature    | : ≤ 40 °C   |
| Storage area           | : Store in dry, well-ventilated area.   |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 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. |
|------------------------|---|

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Technical measures:

No additional information available.

#### Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

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



# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

### Skin protection

#### Skin and body protection:

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

#### Hand protection:

Wear protective gloves.

| Hand protection |                      |                   |                |             |            |
|-----------------|----------------------|-------------------|----------------|-------------|------------|
| Type            | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
| Gloves          | Nitrile rubber (NBR) | 6 (> 480 minutes) | > 0,4          |             | EN ISO 374 |

### Respiratory protection

#### Respiratory protection:

Wear appropriate mask

### Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|                                 |   |
|---------------------------------|---|
| Physical state                  | : Liquid.   |
| Colour                          | : Amber.  |
| Appearance                      | : Oily liquid.  |
| Odour                           | : Characteristic.   |
| Odour threshold                 | : Not available   |
| Melting point                   | : Not available   |
| Freezing point                  | : Not available   |
| Boiling point                   | : Not available   |
| Flammability (solid, gas)       | : Not applicable, Non flammable.                              |
| Lower explosion limit           | : Not available   |
| Upper explosion limit           | : Not available   |
| Flash point                     | : > 210 °C @ ASTM D92   |
| Auto-ignition temperature       | : Not available   |
| Decomposition temperature       | : Not available   |
| pH                              | : Not available   |
| Viscosity, kinematic            | : 372 mm <sup>2</sup> /s @ 40°C                               |
| Solubility                      | : Slightly soluble, the product remains on the water surface. |
| Log Kow                         | : Not available   |
| Vapour pressure                 | : Not available   |
| Vapour pressure at 50°C         | : Not available   |
| Density                         | : 902 kg/m <sup>3</sup> @ 15°C                                |
| 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

None under normal conditions.

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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.

### 10.6. Hazardous decomposition products

fume. 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 |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

|                |                      |
|----------------|----------------------|
| LD50 oral rat  | >                    |
| ATE CLP (oral) | 500 mg/kg bodyweight |

#### Phosphoric acid ester amine salt

|                |                      |
|----------------|----------------------|
| ATE CLP (oral) | 500 mg/kg bodyweight |
|----------------|----------------------|

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation     | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Respiratory or skin sensitisation | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity            | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Carcinogenicity                   | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Reproductive toxicity             | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| STOT-single exposure              | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |
| STOT-repeated exposure            | : Not classified  |
| Additional information            | : Based on available data, the classification criteria are not met. |

#### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

|                        |   |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
|------------------------|---|

#### Phosphoric acid ester amine salt

|                            |  |
|----------------------------|--|
| NOAEL (oral, rat, 90 days) | 150 mg/kg bodyweight/day @28d (OECD 407) |
|----------------------------|--|

|                        |   |
|------------------------|---|
| Aspiration hazard      | : Not classified  |
| Additional information | : Based on available data, the classification criteria are not met. |

#### MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

|                      |                  |
|----------------------|------------------|
| Viscosity, kinematic | 372 mm²/s @ 40°C |
|----------------------|------------------|

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

|                      |             |
|----------------------|-------------|
| Viscosity, kinematic | 13.08 mm²/s |
|----------------------|-------------|

### 11.2. Information on other hazards

#### 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 %

#### Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

General : Harmful 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) : Not classified.

#### Polysulphides, di-tert-Bu (68937-96-2)

|                      |                          |
|----------------------|--------------------------|
| EC50 Daphnia 1       | 63 mg/l @2d              |
| EC50 72h - Algae [2] | > 100 mg/l               |
| EC50 96h - Algae [1] | > 10000 mg/l Slib @0.1DY |

#### (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)

|                        |                                 |
|------------------------|---------------------------------|
| LC50 fish 1            | 0.1 mg/l (Brachydanio rerio)    |
| EC50 Daphnia 1         | 0.01 mg/l (Daphnia magna)       |
| EC50 72h - Algae [1]   | 0.01 mg/l                       |
| NOEC chronic crustacea | 0.001 mg/l @21DY (Daphnia maga) |

#### Phosphoric acid ester amine salt

|                        |  |
|------------------------|--|
| LC50 fish 1            | 24 mg/l @4d Oncorhynchus mykiss        |
| LC50 fish 2            | 8.5 mg/l Pimephales promelas @4d       |
| EC50 Daphnia 1         | 91.4 mg/l Daphnia magna                |
| EC50 72h - Algae [1]   | 6.4 mg/l Selenastrum capricornutum     |
| NOEC chronic fish      | 3.2 mg/l Oncorhynchus mykiss @4d       |
| NOEC chronic crustacea | 0.12 mg/l Daphnia magna @2d            |
| NOEC chronic algae     | 1.7 mg/l Selenastrum capricornutum @4d |

### 12.2. Persistence and degradability

#### MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

|                               |   |
|-------------------------------|---|
| Persistence and degradability | Not soluble in water, so only minimally biodegradable. Not established. |
|-------------------------------|---|

#### Polysulphides, di-tert-Bu (68937-96-2)

|                               |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Polysulphides, di-tert-Bu (68937-96-2)             |   |
|--|---|
| Biodegradation                                     | 13 % @OECD TG @28d                                      |
| (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8) |   |
| Persistence and degradability                      | May cause long-term adverse effects in the environment. |
| Phosphoric acid ester amine salt                   |   |
| Persistence and degradability                      | May cause long-term adverse effects in the environment. |
| BOD (% of ThOD)                                    | 3.6 % ThOD @28d inherent sediment                       |
| Biodegradation                                     | 7.4 % Sturm (28d) OECD TG 301B                          |

### 12.3. Bioaccumulative potential

| MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil       |                  |
|--|------------------|
| Bioaccumulative potential                          | Not established. |
| Polysulphides, di-tert-Bu (68937-96-2)             |                  |
| Log Kow  | 6                |
| Bioaccumulative potential                          | Not established. |
| (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8) |                  |
| Bioaccumulative potential                          | Not established. |
| Phosphoric acid ester amine salt                   |                  |
| Bioaccumulative potential                          | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

| Component   |  |
|---|--|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII  | (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ) |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | (Z)-N-9-octadecenyl-1,3-diaminopropane (7173-62-8)( <sup>1</sup> ) |

(<sup>1</sup>) Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

### 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 : No other effects known. Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : This material and its container must be disposed of in a safe way, and as per local legislation.  
Waste materials : Avoid release to the environment.  
European List of Waste (LoW, EC 2000/532) : 13 02 06\* - synthetic engine, gear and lubricating oils



# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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                           | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |
| Not regulated                           | Not regulated |
| <b>14.4. Packing group</b>              |               |
| Not regulated                           | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |
| 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 no substance(s) listed on the REACH Candidate List

##### 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)

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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 for the substance or the mixture by the supplier

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes

| Section | Changed item  | Comments        |
|---------|---|-----------------|
|         | Supersedes  | <b>Modified</b> |
|         | Revision date   | <b>Modified</b> |
| 2.1     | Classification according to Regulation (EC) No. 1272/2008 [CLP] | <b>Added</b>    |
| 2.2     | Precautionary statements (CLP)                                  | <b>Added</b>    |
| 3       | Composition/information on ingredients                          | <b>Modified</b> |
| 4.1     | After inhalation  | <b>Modified</b> |

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.

### Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| 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             |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3             |
| EUH208              | Contains: Phosphoric acid ester amine salt. May produce an allergic reaction. |
| EUH210              | Safety data sheet available on request.                                       |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                                 |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                                 |
| H302                | Harmful if swallowed.   |
| H314                | Causes severe skin burns and eye damage.                                      |
| H317                | May cause an allergic skin reaction.  |
| H318                | Causes serious eye damage.  |
| H319                | Causes serious eye irritation.  |
| H372                | Causes 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.                              |

# MPM Gear Oil 85W-140 GL-5 Mineral Hypoid Oil

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| H412                                | Harmful to aquatic life with long lasting effects.             |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B         |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                 |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1 |

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.