

**05000ESP-X**

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 13-8-2020 Revision date: 23-8-2021 Supersedes: 29-10-2020 version: 1.2

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Motor Oil 5W-30 Premium Synthetic ESP-X  
Product code : 05000ESP-X  
Type of product : Other engine, gear and lubricating oils.  
Product group : Blend

#### 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, Consumer use, Industrial use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
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  
Cyclotronweg 1  
2629 HN Delft Delft - Nederland  
T +31 (0)15 2514030  
[support@mpmoil.nl](mailto:support@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<br>Beaumont Hospital                                         | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566 (Healthcare professionals-24/7)<br>+353 1 809 2166 (public, 8am - 10pm, 7/7) |         |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit,<br>Guy's & St Thomas' Hospital Trust | Avonley Road<br>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]

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]

EUH-statements : EUH208 - Contains Tris(branched-alkyl)borate. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

| Name                                                                                    | Product identifier                                                                                        | %               | Classification according to Regulation (EC) No. 1272/2008 [CLP]    |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------|
| Base oil - not specified                                                                | (CAS-No.) 64742-54-7<br>(EC-No.) 265-157-1<br>(EC Index-No.) 649-467-00-8<br>(REACH-no) 01-2119484627-25  | ≥ 25 – ≤ 50     | Asp. Tox. 1, H304                                                  |
| Reaction products of benzeneamine, N-phenyl- with nonene (branched)                     | (CAS-No.) 36878-20-3<br>(EC-No.) 253-249-4<br>(REACH-no) 01-2119488911-28                                 | ≥ 1 – ≤ 2,4     | Aquatic Chronic 4, H413                                            |
| reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | (CAS-No.) 125643-61-0<br>(EC-No.) 406-040-9<br>(EC Index-No.) 607-530-00-7<br>(REACH-no) 01-0000015551-76 | ≥ 1 – ≤ 2,4     | Aquatic Chronic 4, H413                                            |
| Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate)                      | (CAS-No.) 2215-35-2<br>(EC-No.) 218-679-9<br>(REACH-no) 01-2119953275-34                                  | ≥ 0,1 – ≤ 0,99  | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411 |
| Benzoic acid, 2-hydroxy-, mono-C>13-alkyl derivs., calcium salts (2:1)                  | (CAS-No.) 83846-43-9<br>(EC-No.) 281-018-8<br>(EC Index-No.) 281-018-8<br>(REACH-no) 01-2119968558-17     | ≥ 0,1 – ≤ 0,99  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319                          |
| Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts   | (CAS-No.) 84605-29-8<br>(EC-No.) 283-392-8<br>(REACH-no) 01-2119493626-26                                 | ≥ 0,1 – ≤ 0,49  | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411 |
| Tris(branched-alkyl)borate                                                              | (EC-No.) 806-750-2<br>(REACH-no) 01-21200079516-48                                                        | ≥ 0,01 – ≤ 0,24 | Skin Sens. 1B, H317                                                |

### Specific concentration limits:

| Name                                                                                  | Product identifier                                                        | Specific concentration limits                                                                                   |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate)                    | (CAS-No.) 2215-35-2<br>(EC-No.) 218-679-9<br>(REACH-no) 01-2119953275-34  | ( 10 <C ≤ 100) Eye Dam. 1, H318                                                                                 |
| Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts | (CAS-No.) 84605-29-8<br>(EC-No.) 283-392-8<br>(REACH-no) 01-2119493626-26 | ( 6,25 ≤C < 100) Skin Irrit. 2, H315<br>( 10 ≤C < 12,5) Eye Irrit. 2, H319<br>( 12,5 ≤C < 100) Eye Dam. 1, H318 |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                    |                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------|
| After inhalation   | : Not required.                                                                               |
| After skin contact | : Wash skin with mild soap and water.                                                         |
| After eye contact  | : In case of eye contact, immediately rinse with clean water for 10-15 minutes.               |
| After ingestion    | : Do NOT induce vomiting. Rinse mouth out with water. Get immediate medical advice/attention. |

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

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| 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   | : Water spray, powder, foam and CO2. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.   |

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

No additional information available

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

### 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.                                        |
| 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

#### 6.1.1. For non-emergency personnel

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Protective equipment | : Wear suitable protective clothing and gloves. |
|----------------------|-------------------------------------------------|

#### 6.1.2. For emergency responders

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Protective equipment | : Wear suitable protective clothing and gloves. |
|----------------------|-------------------------------------------------|

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product 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. |
| Methods for cleaning up | : Detergent. Clean up any spills as soon as possible, using an absorbent material to collect it.     |
| Other information       | : Spill area may be slippery. Use suitable disposal containers.                                      |

### 6.4. Reference to other sections

No additional information available

## 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     | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                        |
| 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 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

|                        |                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------|
| Additional information | : Based on ACGIH TLV, a concentration of 5 mg/m3 oilspray (TWA, 8 hour workday) is recommended. |
|------------------------|-------------------------------------------------------------------------------------------------|

### 8.2. Exposure controls

#### Personal protective equipment:

Gloves. Safety glasses.

#### Hand protection:

Protective gloves

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

#### Eye protection:

Safety goggles

#### Skin and body protection:

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

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

### Respiratory protection:

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

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

|                                            |                                                               |
|--------------------------------------------|---------------------------------------------------------------|
| Physical state                             | : Liquid                                                      |
| Appearance                                 | : Oily liquid.                                                |
| Colour                                     | : Amber.                                                      |
| Odour                                      | : Characteristic.                                             |
| Odour threshold                            | : No data available                                           |
| pH                                         | : No data available                                           |
| Relative evaporation rate (butylacetate=1) | : No data available                                           |
| Melting point                              | : No data available                                           |
| Freezing point                             | : No data available                                           |
| Boiling point                              | : No data available                                           |
| Flash point                                | : > 230 °C @ ASTM D92                                         |
| Auto-ignition temperature                  | : No data available                                           |
| Decomposition temperature                  | : No data available                                           |
| Flammability (solid, gas)                  | : No data available                                           |
| Vapour pressure                            | : No data available                                           |
| Relative vapour density at 20 °C           | : No data available                                           |
| Relative density                           | : No data available                                           |
| Density                                    | : 850 kg/m³ @ 15°C                                            |
| Solubility                                 | : Slightly soluble, the product remains on the water surface. |
| Log Pow                                    | : No data available                                           |
| Viscosity, kinematic                       | : 67 mm²/s @ 40°C                                             |
| Viscosity, dynamic                         | : No data available                                           |
| Explosive properties                       | : No data available                                           |
| Oxidising properties                       | : No data available                                           |
| Explosive limits                           | : No data available                                           |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

No naked flames, sparks, and do not smoke.

### 10.5. Incompatible materials

Strong oxidizing agent. Acids and bases.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

### Base oil - not specified (64742-54-7)

|               |                         |
|---------------|-------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight |
|---------------|-------------------------|

### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|               |                                            |
|---------------|--------------------------------------------|
| LD50 oral rat | > 5000 mg/m <sup>3</sup> (OECD 401 method) |
|---------------|--------------------------------------------|

|                 |                                |
|-----------------|--------------------------------|
| LD50 dermal rat | > 2000 mg/kg (OECD 402 method) |
|-----------------|--------------------------------|

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|               |                       |
|---------------|-----------------------|
| LD50 oral rat | > 2000 mg/kg OECD 401 |
|---------------|-----------------------|

|                 |                       |
|-----------------|-----------------------|
| LD50 dermal rat | > 2000 mg/kg OECD 402 |
|-----------------|-----------------------|

### Zinc (O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|               |                     |
|---------------|---------------------|
| LD50 oral rat | 2230 mg/kg OECD 401 |
|---------------|---------------------|

### Benzoic acid, 2-hydroxy-, mono-C>13-alkyl derivs., calcium salts (2:1) (83846-43-9)

|               |                                  |
|---------------|----------------------------------|
| LD50 oral rat | > 5000 mg/kg bodyweight OECD 401 |
|---------------|----------------------------------|

|                 |                                  |
|-----------------|----------------------------------|
| LD50 dermal rat | > 2000 mg/kg bodyweight OECD 402 |
|-----------------|----------------------------------|

### Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|               |                     |
|---------------|---------------------|
| LD50 oral rat | 3150 mg/kg OECD 401 |
|---------------|---------------------|

|                 |                       |
|-----------------|-----------------------|
| LD50 dermal rat | > 2002 mg/kg OECD 402 |
|-----------------|-----------------------|

|                       |                        |
|-----------------------|------------------------|
| LC50 Inhalation - Rat | > 2,3 mg/l/4h OECD 403 |
|-----------------------|------------------------|

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

### Base oil - not specified (64742-54-7)

|                            |                      |
|----------------------------|----------------------|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight |
|----------------------------|----------------------|

### Zinc (O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|                            |                               |
|----------------------------|-------------------------------|
| NOAEL (oral, rat, 90 days) | 160 mg/kg bodyweight OECD 422 |
|----------------------------|-------------------------------|

### Benzoic acid, 2-hydroxy-, mono-C>13-alkyl derivs., calcium salts (2:1) (83846-43-9)

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

Aspiration hazard : Not classified

### Motor Oil 5W-30 Premium Synthetic ESP-X

|                      |                              |
|----------------------|------------------------------|
| Viscosity, kinematic | 67 mm <sup>2</sup> /s @ 40°C |
|----------------------|------------------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| LC50 fish 1                    | 100 mg/l OECD 203 (Danio rerio @96h)               |
| EC50 Daphnia 1                 | > 100 mg/l OECD 202 (Daphnia magna @48h)           |
| EC50 other aquatic organisms 1 | > 100 mg/l OECD 201 (Desmodesmus subspicatus @72h) |

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| LC50 fish 1          | > 74 mg/l OECD 203, (Danio rerio, 96h)                     |
| EC50 Daphnia 1       | > 100 mg/l OECD 202, (Daphnia magna, 24h)                  |
| EC50 72h - Algae [1] | > 3 mg/l > 3 mg/l OECD 201, (Desmodesmus subspicatus, 72h) |

### Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|                        |                                         |
|------------------------|-----------------------------------------|
| LC50 fish 1            | 4,5 mg/l (Oncorhynchus mykiss)          |
| LC50 fish 2            | 46 mg/l (Cyprinodon variegatus)         |
| EC50 Daphnia 1         | 23 mg/l                                 |
| EC50 72h - Algae [1]   | 21 mg/l                                 |
| NOEC (chronic)         | 0,4 mg/l                                |
| NOEC chronic fish      | 1,8 mg/l OECD 203                       |
| NOEC chronic crustacea | 0,8 (0,4 – 0,8) mg/l                    |
| NOEC chronic algae     | 10 mg/l                                 |
| NOEC (acute)           | 1.8 mg/l OECD 203 (Oncorhynchus mykiss) |

### Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|                        |                                            |
|------------------------|--------------------------------------------|
| LC50 fish 1            | 4,5 mg/l OECD 203 (Oncorhynchus mykiss)    |
| EC50 Daphnia 1         | 23 mg/l OECD 202 (Daphnia magna)           |
| EC50 72h - Algae [1]   | 21 mg/l OECD 201 (Desmodesmus subspicatus) |
| NOEC (acute)           | 1,8 mg/l @4d - Oncorhynchus mykiss         |
| NOEC chronic crustacea | 0,4 mg/l @21d OECD 211 (Daphnia magna)     |

### Tris(branched-alkyl)borate

|                        |          |
|------------------------|----------|
| LC50 fish 1            | 1,3 mg/l |
| EC50 Daphnia 1         | 2,6 mg/l |
| EC50 72h - Algae [1]   | 9 mg/l   |
| NOEC chronic crustacea | 1,9 mg/l |

## 12.2. Persistence and degradability

### Motor Oil 5W-30 Premium Synthetic ESP-X

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

### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|                |          |
|----------------|----------|
| Biodegradation | 1 % @28d |
|----------------|----------|

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|                               |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | The product is not biodegradable. |
|-------------------------------|-----------------------------------|

### Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|                               |                            |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |
| Biodegradation                | 1,5 % @28d                 |

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

### Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|                |                          |
|----------------|--------------------------|
| Biodegradation | 1,5 % @28d OECD TG 301 B |
|----------------|--------------------------|

### 12.3. Bioaccumulative potential

### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|         |       |
|---------|-------|
| Log Pow | > 7,6 |
|---------|-------|

|                           |                            |
|---------------------------|----------------------------|
| Bioaccumulative potential | Bioaccumulative potential. |
|---------------------------|----------------------------|

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|            |                                         |
|------------|-----------------------------------------|
| BCF fish 1 | 260 OECD 305 (Oncorhynchus mykiss, 35d) |
|------------|-----------------------------------------|

|         |     |
|---------|-----|
| Log Pow | 9,2 |
|---------|-----|

### Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|                                     |          |
|-------------------------------------|----------|
| Bioconcentration factor (BCF REACH) | 2,2 0.1d |
|-------------------------------------|----------|

|         |             |
|---------|-------------|
| Log Kow | 2,21 (20°C) |
|---------|-------------|

### Phosphorodithioic acid, mixed 0,0-bis(1,3-dimethylbutyl and iso-Pr)esters, zinc salts (84605-29-8)

|         |                   |
|---------|-------------------|
| Log Kow | 0,56 Measurements |
|---------|-------------------|

### 12.4. Mobility in soil

### Reaction products of benzeneamine, N-phenyl- with nonene (branched) (36878-20-3)

|      |                        |
|------|------------------------|
| Soil | Adsorbs into the soil. |
|------|------------------------|

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (125643-61-0)

|      |                        |
|------|------------------------|
| Soil | Adsorbs into the soil. |
|------|------------------------|

### Zinc (O,O,O',O'-tetrakis(1,3-dimethylbutyl)bis(phosphorodithioate) (2215-35-2)

|      |                    |
|------|--------------------|
| Soil | No data available. |
|------|--------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. 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.

## SECTION 14: Transport information

In accordance with ADR / IMDG

| ADR                                     | IMDG           |
|-----------------------------------------|----------------|
| <b>14.1. UN number</b>                  |                |
| Not applicable                          | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |
| Not applicable                          | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |
| Not applicable                          | Not applicable |
| <b>14.4. Packing group</b>              |                |
| Not applicable                          | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |
| Not applicable                          | Not applicable |

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Indication of changes:

| Section | Changed item                           | Change   | Comments |
|---------|----------------------------------------|----------|----------|
|         | Supersedes                             | Modified |          |
|         | Revision date                          | Modified |          |
| 3       | Composition/information on ingredients | Modified |          |

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

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2      |
| Aquatic Chronic 4 | Hazardous to the aquatic environment — Chronic Hazard, Category 4      |
| Asp. Tox. 1       | Aspiration hazard, Category 1                                          |
| Eye Dam. 1        | Serious eye damage/eye irritation, Category 1                          |
| Eye Irrit. 2      | Serious eye damage/eye irritation, Category 2                          |
| Skin Irrit. 2     | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1B     | Skin sensitisation, category 1B                                        |
| H304              | May be fatal if swallowed and enters airways.                          |
| H315              | Causes skin irritation.                                                |
| H317              | May cause an allergic skin reaction.                                   |
| H318              | Causes serious eye damage.                                             |
| H319              | Causes serious eye irritation.                                         |
| H411              | Toxic to aquatic life with long lasting effects.                       |
| H413              | May cause long lasting harmful effects to aquatic life.                |
| EUH208            | Contains Tris(branched-alkyl)borate. May produce an allergic reaction. |
| EUH210            | Safety data sheet available on request.                                |

# Motor Oil 5W-30 Premium Synthetic ESP-X

## Safety Data Sheet

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

---

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.*