

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : CHAMPION OEM SPECIFIC 75W-85 FE LS GL 5  
Product code : 2318  
Type of product : CHAMPION  
Product group : Blend

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

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
Function or use category : Lubricants and additives

**1.3. Details of the supplier of the safety data sheet**

CHAMPION CHEMICALS N.V.  
Georges Gilliotstraat, 52  
2620 Hemiksem, Antwerpen  
België  
T 0032 (0)3 870 00 00, F 0032 (0)3 870 00 99  
[msds@championlubes.com](mailto:msds@championlubes.com), <https://www.championlubes.com>

**1.4. Emergency telephone number**

Emergency number : 0032 (0)3 870 00 00

| Country/Area | Organisation/Company  | Address                                       | Emergency number   | Comment |
|--------------|---|---|--|---------|
| 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) |         |
| Israel       | Israel Poison Information Center<br>Rambam Health Care Campus | 6 Ha'Aliya Street<br>31096                    | +972 4 854 1900  |         |
| Malta        | Medicines & Poisons Info Office                               | Mater Dei Hospital<br>Msida<br>MSD 2090 Msida | 112<br>+356 2545 6508  |         |
| Sweden       | Giftinformationscentralen                                     | Box 60 500<br>171 76 Stockholm                | 112 – begär<br>Giftinformation<br>+46 10 456 6700 (Från<br>utlandet)                                   |         |

**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

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### 2.2. Label elements

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

EUH-statements : EUH208 - Contains Phosphoric acid ester amine salt, Methyl methacrylate. 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

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

### 3.2. Mixtures

Comments : The mineral oils in the product contain < 3% DMSO extract (IP 346)

| 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   | 1 – 4.5    | Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412  |
| Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl | CAS-No.: 1471315-74-8<br>EC-No.: 939-591-3<br>REACH-no: 01-2119978530-33 | 1 – 1.9    | Aquatic Chronic 3, H412   |
| Phosphoric acid ester amine salt   | EC-No.: 931-384-6<br>REACH-no: 01-2119493620-38                          | 1 – 1.9    | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| Magnesium metaborate   | CAS-No.: 13703-82-7<br>EC-No.: 237-235-5<br>REACH-no: 01-2120769073-53   | 0.1 – 0.5  | Skin Sens. 1B, H317   |
| O,O,O-triphenyl phosphorothioate   | CAS-No.: 597-82-0<br>EC-No.: 209-909-9<br>REACH-no: 01-2119979545-21     | 0.1 – 0.5  | Aquatic Chronic 1, H410 (M=10)  |
| Methyl methacrylate  | CAS-No.: 80-62-6<br>EC-No.: 201-297-1<br>EC Index-No.: 607-035-00-6      | 0.1 – 0.24 | Flam. Liq. 2, H225<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317  |

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| 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 ≤ C < 100) Skin Sens. 1B; H317  |
| Phosphoric acid ester amine salt | EC-No.: 931-384-6<br>REACH-no: 01-2119493620-38                        | (9.39 ≤ C < 100) Skin Sens. 1; H317<br>(50.01 ≤ C < 100) Eye Irrit. 2; H319 |
| Magnesium metaborate             | CAS-No.: 13703-82-7<br>EC-No.: 237-235-5<br>REACH-no: 01-2120769073-53 | (15 ≤ C < 100) Skin Sens. 1B; H317  |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Not expected to require first aid measures.                                   |
| First-aid measures after skin contact | : Wash skin with mild soap and water.   |
| First-aid measures after eye contact  | : In case of eye contact, immediately rinse with clean water for 10-15 minutes. |
| First-aid measures 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 after inhalation   | : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  |
| Symptoms/effects after skin contact | : May cause sensitization by skin contact.   |
| Symptoms/effects after eye contact  | : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. |
| Symptoms/effects 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 fog. Foam. Powder. Dry chemical product. |
| 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.  |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

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### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.

##### 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 : Impound and recover large spill by mixing it with inert granular solids.  
Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.  
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

Precautions for safe handling : Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.  
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

Storage temperature : ≤ 40 °C  
Storage area : Store in dry, cool, well-ventilated area.

##### Germany

Storage class (LGK, TRGS 510) : LGK 10-13 - Other combustible and non-combustible substances

##### Switzerland

Storage class (LK) : LK 10/12 - Liquids

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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

| CHAMPION OEM SPECIFIC 75W-85 FE LS GL 5 |  |
|---|--|
| Belgium - Occupational Exposure Limits  |  |
| Local name                              | Huiles minérales (brouillards) # Olie (minerale-; nevel) |
| OEL TWA                                 | 5 mg/m <sup>3</sup>                                      |
| OEL STEL                                | 10 mg/m <sup>3</sup>                                     |
| Regulatory reference                    | Koninklijk besluit/Arrêté royal 02/09/2018               |

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| <b>Methyl methacrylate (80-62-6)</b>                      |  |
|---|--|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |  |
| Local name  | Methyl methacrylate                          |
| IOEL TWA  | 50 ppm @8h                                   |
| IOEL STEL   | 100 ppm @15min                               |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2009/161/EU             |
| <b>Austria - Occupational Exposure Limits</b>             |  |
| MAK (OEL TWA)   | 208 mg/m <sup>3</sup> @8h                    |
|   | 50 ppm @8h                                   |
| MAK (OEL STEL)  | 416 mg/m <sup>3</sup> @15min                 |
|   | 100 ppm @15min                               |
| <b>Belgium - Occupational Exposure Limits</b>             |  |
| Local name  | Méthacrylate de méthyle # Methylmethacrylaat |
| OEL TWA   | 208 mg/m <sup>3</sup> @8h                    |
|   | 50 ppm @8h                                   |
| OEL STEL  | 416 mg/m <sup>3</sup> @15min                 |
|   | 100 ppm @15min                               |
| Regulatory reference                                      | Koninklijk besluit/Arrêté royal 11/05/2021   |
| <b>Bulgaria - Occupational Exposure Limits</b>            |  |
| OEL TWA   | 50 ppm @8h                                   |
| OEL STEL  | 100 ppm @15min                               |
| <b>Croatia - Occupational Exposure Limits</b>             |  |
| GVI (OEL TWA)   | 50 ppm @8h                                   |
| KGVI (OEL STEL)   | 100 ppm @15min                               |
| <b>Czech Republic - Occupational Exposure Limits</b>      |  |
| PEL (OEL TWA)   | 50 mg/m <sup>3</sup> @8h                     |
|   | 12 ppm @8h                                   |
| NPK-P (OEL C)   | 150 mg/m <sup>3</sup> @15min                 |
|   | 36 ppm @15min                                |
| <b>Denmark - Occupational Exposure Limits</b>             |  |
| OEL TWA   | 102 mg/m <sup>3</sup> @8h                    |
|   | 25 ppm @8h                                   |
| <b>Estonia - Occupational Exposure Limits</b>             |  |
| OEL TWA   | 50 ppm @8h                                   |
| OEL STEL  | 100 ppm @15min                               |
| <b>Finland - Occupational Exposure Limits</b>             |  |
| HTP (OEL TWA)   | 42 mg/m <sup>3</sup> @8h                     |
|   | 10 ppm @8h                                   |
| HTP (OEL STEL)  | 210 mg/m <sup>3</sup> @15min                 |

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| <b>Methyl methacrylate (80-62-6)</b>                     |                              |
|--|------------------------------|
|  | 50 ppm @15min                |
| <b>France - Occupational Exposure Limits</b>             |                              |
| VME (OEL TWA)  | 205 mg/m <sup>3</sup> @8h    |
|  | 50 ppm @8h                   |
| VLE (OEL C/STEL)   | 410 mg/m <sup>3</sup> @15min |
|  | 100 ppm @15min               |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |                              |
| AGW (OEL TWA)  | 210 mg/m <sup>3</sup> @8h    |
|  | 50 ppm @8h                   |
| <b>Greece - Occupational Exposure Limits</b>             |                              |
| OEL TWA  | 50 ppm @8h                   |
| OEL STEL   | 100 ppm @15min               |
| <b>Hungary - Occupational Exposure Limits</b>            |                              |
| AK (OEL TWA)   | 208 mg/m <sup>3</sup> @8h    |
| <b>Ireland - Occupational Exposure Limits</b>            |                              |
| OEL TWA  | 50 ppm @8h                   |
| OEL STEL   | 100 ppm @15min               |
| <b>Italy - Occupational Exposure Limits</b>              |                              |
| OEL TWA  | 50 ppm @8h                   |
| OEL STEL   | 100 ppm @15min               |
| <b>Latvia - Occupational Exposure Limits</b>             |                              |
| OEL TWA  | 10 mg/m <sup>3</sup> @8h     |
| <b>Lithuania - Occupational Exposure Limits</b>          |                              |
| IPRV (OEL TWA)   | 208 mg/m <sup>3</sup> @8h    |
|  | 50 ppm @8h                   |
| TPRV (OEL STEL)  | 416 mg/m <sup>3</sup> @15min |
|  | 100 ppm @15min               |
| <b>Netherlands - Occupational Exposure Limits</b>        |                              |
| TGG-8u (OEL TWA)   | 205 mg/m <sup>3</sup>        |
| TGG-15min (OEL STEL)                                     | 410 mg/m <sup>3</sup>        |
| <b>Poland - Occupational Exposure Limits</b>             |                              |
| NDS (OEL TWA)  | 100 mg/m <sup>3</sup> @8h    |
| NDSP (OEL C)   | 300 mg/m <sup>3</sup> @15min |
| <b>Portugal - Occupational Exposure Limits</b>           |                              |
| OEL TWA  | 50 ppm @8h                   |
| OEL STEL   | 100 ppm @15min               |
| <b>Romania - Occupational Exposure Limits</b>            |                              |
| OEL TWA  | 205 mg/m <sup>3</sup> @8h    |

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| Methyl methacrylate (80-62-6)           |                              |
|---|------------------------------|
|   | 50 ppm @8h                   |
| OEL STEL                                | 410 mg/m <sup>3</sup> @15min |
|   | 100 ppm @15min               |
| Slovakia - Occupational Exposure Limits |                              |
| NPHV (OEL TWA)                          | 50 ppm @8h                   |
| NPHV (OEL STEL)                         | 100 ppm @15min               |
| Slovenia - Occupational Exposure Limits |                              |
| OEL TWA                                 | 210 mg/m <sup>3</sup> @8h    |
|   | 50 ppm @8h                   |
| OEL STEL                                | 420 mg/m <sup>3</sup> @15min |
|   | 100 ppm @15min               |
| Spain - Occupational Exposure Limits    |                              |
| VLA-ED (OEL TWA)                        | 50 ppm @8h                   |
| VLA-EC (OEL STEL)                       | 100 ppm @15min               |
| Sweden - Occupational Exposure Limits   |                              |
| NGV (OEL TWA)                           | 210 mg/m <sup>3</sup> @8h    |
|   | 50 ppm @8h                   |
| KGV (OEL STEL)                          | 420 mg/m <sup>3</sup> @15min |
|   | 100 ppm @15min               |
| Iceland - Occupational Exposure Limits  |                              |
| OEL TWA                                 | 50 ppm @8h                   |
| OEL STEL                                | 100 ppm @15min               |
| Norway - Occupational Exposure Limits   |                              |
| Grenseverdi (OEL TWA)                   | 100 mg/m <sup>3</sup> @8h    |
|   | 25 ppm @8h                   |
| Korttidsverdi (OEL STEL)                | 400 mg/m <sup>3</sup> @15min |
|   | 100 ppm @15min               |

## 8.2. Exposure controls

### Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves.

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



### Skin protection

#### Skin and body protection:

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

#### Hand protection:

Permeation time: minimum >480min long term exposure; material / thickness [mm]: >0,35 mm. Nitrile rubber (NBR) /

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### Respiratory protection

#### Respiratory protection:

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

## SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                                  | : Liquid  |
| Colour  | : Yellow.   |
| Appearance                                      | : Oily liquid.  |
| Odour   | : Characteristic.   |
| Odour threshold                                 | : Not available   |
| Melting point                                   | : Not available   |
| Freezing point                                  | : Not available   |
| Boiling point                                   | : Not available   |
| Flammability                                    | : Not available   |
| Lower explosion limit                           | : Not available   |
| Upper explosion limit                           | : Not available   |
| Flash point                                     | : > 190 °C (ASTM D92)   |
| Auto-ignition temperature                       | : Not available   |
| Decomposition temperature                       | : Not available   |
| pH  | : Not available   |
| Viscosity, kinematic                            | : 53 mm <sup>2</sup> /s @ 40°C (ASTM D445)                    |
| Solubility                                      | : Slightly soluble, the product remains on the water surface. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available   |
| Vapour pressure                                 | : Not available   |
| Vapour pressure at 50°C                         | : Not available   |
| Density   | : 0.863 g/ml @15°C (ASTM D4052)                               |
| 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.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Strong oxidizers. acids. Bases.

### 10.6. Hazardous decomposition products

None under normal conditions.

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### 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

| Methyl methacrylate (80-62-6)   |                         |
|---------------------------------|-------------------------|
| LD50 oral rat                   | 7900 mg/kg              |
| LD50 dermal rabbit              | > 5000 mg/kg (OECD 402) |
| LC50 Inhalation - Rat (Vapours) | 29.8 mg/l/4h            |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified

| Methyl methacrylate (80-62-6)             |                               |
|---|-------------------------------|
| Skin sensitization, - Skin contact, mouse | Skin sensitization (OECD 429) |

Germ cell mutagenicity : Not classified

| Methyl methacrylate (80-62-6)                                       |   |
|---|---|
| In vitro Mammalian Cell Gene Mutation Test, In vitro, mammalian     | Positive (OECD 476, WOE does not support classification)  |
| In vitro Mammalian Chromosomal Aberration Test, In vitro, mammalian | Equivocal (OECD 473, WOE does not support classification) |
| Rodent Dominant Lethal Test, In vivo, mammalian                     | Negative (OECD 478)                                       |
| Bacterial Reverse Mutation Test, In vitro, Bacteria                 | Negative (OECD 471)                                       |

Carcinogenicity : Not classified

| Methyl methacrylate (80-62-6)   |                                 |
|---|---------------------------------|
| Combined Chronic Toxicity/Carcinogenicity Studies, NOAEL, inhalation, rat | Negative (104w; 5d/w, OECD 453) |

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

| Methyl methacrylate (80-62-6) |                                   |
|-------------------------------|-----------------------------------|
| STOT-single exposure          | May cause respiratory irritation. |

STOT-repeated exposure : Not classified

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

Aspiration hazard : Not classified

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|---|--|
| Viscosity, kinematic                    | 53 mm <sup>2</sup> /s @ 40°C (ASTM D445) |
| Hydrocarbon                             | Yes                                      |

#### 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 %

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### SECTION 12: Ecological information

#### 12.1. Toxicity

- Ecology - general : The additive(s) supplier(s) have conducted chronic toxicity studies. This testing has shown that mixtures containing the additive(s) do not pose chronic aquatic hazards within the tested use levels. As this product remains within those validated conditions, it is not classified as hazardous to the aquatic environment according to CLP criteria where data derived from testing of mixtures take precedence over data for individual substances.
- Hazardous to the aquatic environment, short-term (acute) : Not classified
- Hazardous to the aquatic environment, long-term (chronic) : Not classified.

| <b>Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)</b> |  |
|--|--|
| LC50 - Fish [1]  | > 1000 @4h; Oncorhynchus mykiss                  |
| LC50 - Other aquatic organisms [1]   | 320 mg/l @0,1h; Sludge                           |
| EC50 - Crustacea [1]   | 91 mg/l @48h; Daphnia magna                      |
| EC50 72h - Algae [1]   | > 10 mg/l @3h; Selenastrum capricornutum         |
| <b>Polysulphides, di-tert-Bu (68937-96-2)</b>  |  |
| EC50 - Crustacea [1]   | 63 mg/l @2d (Daphnia magna)                      |
| EC50 - Other aquatic organisms [1]   | > 10000 mg/l @0,1d (Sludge)                      |
| EC50 72h - Algae [2]   | > 100 mg/l @3d                                   |
| <b>Phosphoric acid ester amine salt</b>  |  |
| LC50 - Fish [1]  | 24 mg/l Oncorhynchus mykiss                      |
| LC50 - Fish [2]  | 8.5 mg/l Pimephales promelas                     |
| EC50 - Crustacea [1]   | 91.4 mg/l 2d (Daphnia magna)                     |
| EC50 - Crustacea [2]   | 0.66 mg/l 21d (Daphnia magna)                    |
| EC50 96h - Algae [1]   | 6.4 mg/l @4d (Selenastrum capricornutum)         |
| NOEC (chronic)   | 3.2 mg/l Oncorhynchus mykiss @4d                 |
| NOEC chronic crustacea   | 0.12 mg/l @21d (Daphnia magna)                   |
| NOEC chronic algae   | 1.7 mg/l @4d (Selenastrum capricornutum)         |
| <b>O,O,O-triphenyl phosphorothioate (597-82-0)</b>   |  |
| LC50 - Fish [1]  | > 100 mg/l @96h; Brachydanio rerio               |
| EC50 - Crustacea [1]   | > 100 mg/l @48h; Daphnia magna                   |
| EC50 72h - Algae [1]   | > 100 mg/l Scenedesmus quadricauda               |
| NOEC (acute)   | > 5.5 @ 21DY (Daphnia magna)                     |
| NOEC chronic fish  | 0.0017 mg/l @97d; Oncorhynchus mykiss            |
| NOEC chronic crustacea   | > 5.5 mg/l @21d; Daphnia magna                   |
| <b>Methyl methacrylate (80-62-6)</b>   |  |
| LC50 - Fish [1]  | > 79 mg/l @96h; Oncorhynchus mykiss              |
| EC50 - Crustacea [1]   | 69 mg/l @48h; Daphnia magna                      |
| EC50 72h - Algae [1]   | > 110 mg/l @72h; Pseudokirchneriella subcapitata |

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| <b>Methyl methacrylate (80-62-6)</b> |   |
|--------------------------------------|---|
| NOEC chronic fish                    | 9.4 mg/l @35d; Danio rerio (OECD 210)               |
| NOEC chronic crustacea               | 37 mg/l @21d; Daphnia magna (OECD 211)              |
| NOEC chronic algae                   | 110 mg/l @72h, Selenastrum capricornutum (OECD 201) |

### 12.2. Persistence and degradability

| <b>CHAMPION OEM SPECIFIC 75W-85 FE LS GL 5</b> |  |
|--|--|
| Persistence and degradability                  | Not soluble in water, so only minimally biodegradable. |

| <b>Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)</b> |                                 |
|--|---------------------------------|
| Persistence and degradability  | Not rapidly degradable          |
| Biodegradation   | 0.000001 % @28d (OECD TG 301 B) |

| <b>Polysulphides, di-tert-Bu (68937-96-2)</b> |                        |
|---|------------------------|
| Persistence and degradability                 | Not rapidly degradable |
| Biodegradation                                | 13 % % @OECD TG @28d   |

| <b>Phosphoric acid ester amine salt</b> |                                     |
|---|-------------------------------------|
| Persistence and degradability           | Not rapidly degradable              |
| BOD (% of ThOD)                         | 3.6 % ThOD @28d (inherent sediment) |
| Biodegradation                          | 7.4 % @28d (OECD TG 301B)           |

| <b>Magnesium metaborate (13703-82-7)</b> |                        |
|--|------------------------|
| Persistence and degradability            | Not rapidly degradable |

| <b>O,O,O-triphenyl phosphorothioate (597-82-0)</b> |  |
|--|--|
| Persistence and degradability                      | Not rapidly degradable   |
| Biodegradation                                     | 17.8 – 19.3 % @28d (OECD 301B); 59,9 - 66,8 % @28d (OECD 302C) |

| <b>Methyl methacrylate (80-62-6)</b> |                        |
|--------------------------------------|------------------------|
| Persistence and degradability        | Rapidly degradable     |
| Biodegradation                       | 94 % @14d (OECD 301 C) |

### 12.3. Bioaccumulative potential

| <b>Reaction Products of alcohols, C14-18, C18 unsat., esterified with phosphorus pentoxide and salted with amines, C12-14,-tert-alkyl (1471315-74-8)</b> |                      |
|--|----------------------|
| Partition coefficient n-octanol/water (Log Kow)  | 8 (Calculated value) |

| <b>Polysulphides, di-tert-Bu (68937-96-2)</b>   |   |
|---|---|
| Partition coefficient n-octanol/water (Log Kow) | 6 |

| <b>O,O,O-triphenyl phosphorothioate (597-82-0)</b> |       |
|--|-------|
| BCF - Fish [1]                                     | 2.551 |

| <b>Methyl methacrylate (80-62-6)</b>            |      |
|---|------|
| Partition coefficient n-octanol/water (Log Kow) | 1.38 |

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### 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 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 %.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.  
European List of Waste (LoW, EC 2000/532) : 13 02 05\* - mineral-based non-chlorinated engine, gear and lubricating oils

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

**ADR**  
Transport hazard class(es) (ADR) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

**ADN**  
Transport hazard class(es) (ADN) : Not applicable

**RID**  
Transport hazard class(es) (RID) : Not applicable

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### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Regulation (EU) 2021/821 for the control of dual-use items

Contains no substance subject to the Regulation (EU) 2021/821 for the control of dual-use items

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (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)

### National regulations

| Occupational diseases |  |
|-----------------------|--|
| Code                  | Description                              |
| RG 82                 | Conditions caused by methyl methacrylate |

### Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).  
List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.

### Netherlands

SZW-lijst van kankerverwekkende stoffen : Polysulphides, di-tert-Bu is listed  
SZW-lijst van mutagene stoffen : Polysulphides, di-tert-Bu is listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended).  
Act of 14 December 2012 on Waste (J. o L. 2013, item 322 as amended).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2019, item 382).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. of 3 July 2018, item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

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### SECTION 16: Other information

| Indication of changes |  |                 |
|-----------------------|--|-----------------|
| Section               | Changed item   | Comments        |
|                       | Supersedes   | <b>Added</b>    |
|                       | Revision date  | <b>Added</b>    |
| 2.1                   | Classification according to Regulation (EC) No. 1272/2008 [CLP]  | <b>Added</b>    |
| 3                     | Composition/information on ingredients                           | <b>Modified</b> |
| 9                     | Density  | <b>Modified</b> |
| 9                     | Flash point  | <b>Modified</b> |
| 11                    | Adverse health effects caused by endocrine disrupting properties | <b>Added</b>    |
| 12.1                  | Ecology - general  | <b>Added</b>    |

| Abbreviations and acronyms: |  |
|-----------------------------|--|
|                             | ACGIH: American Conference of Governmental Industrial Hygienists   |
|                             | TWA: Time Weighted Average   |
|                             | TLV: Threshold Limit Value   |
|                             | ASTM: American Society for Testing and Materials   |
|                             | ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route                       |
|                             | RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail                                    |
|                             | ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin |
|                             | IMDG: International Maritime Dangerous Goods   |
|                             | ICAO: International Civil Aviation Organization  |
|                             | IATA: International Air Transport Association  |
|                             | STEL: Short Term Exposure Limit  |
|                             | LD50: median Lethal Dose for 50% of subjects   |
|                             | ATE: acute toxicity estimate   |
|                             | LC50: median Lethal Concentration for 50% of subjects  |
|                             | EC50: concentration producing 50% effect   |

#### Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |

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| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2                                 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                                 |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2   |
| Flam. Liq. 2                        | Flammable liquids, Category 2   |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2   |
| Skin Sens. 1                        | Skin sensitisation, Category 1  |
| Skin Sens. 1B                       | Skin sensitisation, category 1B   |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation        |
| H225                                | Highly flammable liquid and vapour.   |
| H302                                | Harmful if swallowed.   |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.  |
| H319                                | Causes serious eye irritation.  |
| H335                                | May cause respiratory irritation.   |
| H410                                | Very toxic to aquatic life with long lasting effects.   |
| H411                                | Toxic to aquatic life with long lasting effects.  |
| H412                                | Harmful to aquatic life with long lasting effects.  |
| EUH208                              | Contains Phosphoric acid ester amine salt, Methyl methacrylate. May produce an allergic reaction. |
| EUH210                              | Safety data sheet available on request.   |

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.