



# CHAMPION OEM SPECIFIC 75W80 ZF

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Product Reference code: CHAMPION OEM SPECIFIC 75W80 ZF  
Issue date: 11/03/2013 Revision date: 30/11/2021 Supersedes version of: 15/06/2021 Version: 5.2

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : CHAMPION OEM SPECIFIC 75W80 ZF  
Product code : 2202  
Type of product : CHAMPION  
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 : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Used in closed systems  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

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

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

#### 1.4. Emergency telephone number

Emergency number : 0032 (0)3 870 00 00

### 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 2-Ethylhexyl methacrylate, Phosphoric acid ester amine salt. 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

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### 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]   |
|---|---|------------|---|
| Reaction products of Benzeneamine, N-phenyl- with nonene (branched) | EC-No.: 253-249-4<br>REACH-no: 01-2119488911-28 | 1 – 1.99   | Aquatic Chronic 4, H413   |
| Phosphoric acid ester amine salt                                    | EC-No.: 931-384-6<br>REACH-no: 01-2119493620-38 | 0.1 – 0.99 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                |
| 2-Ethylhexyl methacrylate   | -   | 0.1 – 0.49 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412 |

#### Specific concentration limits:

| Name                             | Product identifier                              | Specific concentration limits  |
|----------------------------------|---|--|
| 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 ≤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

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 : Not expected to present a significant skin hazard under anticipated conditions of normal use.  
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.

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### 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. |

## 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         | : 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. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

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### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

Additional information : 5 mg/m<sup>3</sup> for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Safety glasses. Gloves.

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



#### 8.2.2.1. Eye and face protection

No additional information available

#### 8.2.2.2. Skin protection

#### Skin and body protection:

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

#### Hand protection:

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

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

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

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Appearance                                 | : Oily liquid.      |
| Colour                                     | : brown.            |
| 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                                | : 234 °C @ ASTM D92 |
| Auto-ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |

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|   |   |
|---|---|
| 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   | : 860 kg/m <sup>3</sup> @ 15°C                                |
| Solubility                                      | : Slightly soluble, the product remains on the water surface. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available   |
| Viscosity, kinematic                            | : 43 mm <sup>2</sup> /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.

### 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.

## 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 |
| 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 |

#### 2-Ethylhexyl methacrylate

|                      |                                   |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

STOT-repeated exposure : Not classified

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| Phosphoric acid ester amine salt |  |
|----------------------------------|--|
| NOAEL (oral, rat, 90 days)       | 150 mg/kg bodyweight/day @28d (OECD 407) |
| Aspiration hazard                | : Not classified                         |
| CHAMPION OEM SPECIFIC 75W80 ZF   |  |
| Viscosity, kinematic             | 43 mm <sup>2</sup> /s @ 40°C             |

## SECTION 12: Ecological information

### 12.1. Toxicity

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

(acute)

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

(chronic)

| Reaction products of Benzeneamine, N-phenyl- with nonene (branched) |  |
|---|--|
| LC50 - Fish [1]   | > 100 mg/l (Brachydanio rerio)         |
| EC50 - Crustacea [1]  | > 100 mg/l (Daphnia magna)             |
| EC50 - Other aquatic organisms [2]                                  | > 1000 mg/l                            |
| EC50 72h - Algae [1]  | 600 mg/l 3d - Chlorophyta              |
| 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 - Crustacea [1]  | 91.4 mg/l Daphnia magna                |
| EC50 72h - Algae [1]  | 6.4 mg/l Selenastrum capricornutum     |
| NOEC (chronic)  | 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

| CHAMPION OEM SPECIFIC 75W80 ZF                                      |  |
|---|--|
| Persistence and degradability                                       | Not soluble in water, so only minimally biodegradable. |
| 2-Ethylhexyl methacrylate   |  |
| Biodegradation  | 88 %   |
| Reaction products of Benzeneamine, N-phenyl- with nonene (branched) |  |
| Biodegradation  | 0 % @28d OECD TG 301 B                                 |
| Phosphoric acid ester amine salt                                    |  |
| BOD (% of ThOD)   | 3.6 % ThOD @28d inherent sediment                      |
| Biodegradation  | 7.4 % Sturm (28d) OECD TG 301B                         |

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### 12.3. Bioaccumulative potential

#### 2-Ethylhexyl methacrylate

|   |     |
|---|-----|
| Bioconcentration factor (BCF REACH)             | 1.6 |
| Partition coefficient n-octanol/water (Log Kow) | 5   |

#### Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

|   |         |
|---|---------|
| Bioconcentration factor (BCF REACH)             | 1584.89 |
| Partition coefficient n-octanol/water (Log Kow) | 10.88   |

### 12.4. Mobility in soil

No additional information 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 : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

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

### 14.1 UN 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

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### RID

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

### 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

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

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 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

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed



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SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

Danish National Regulations : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### Switzerland

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

## 15.2. Chemical safety assessment

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

## SECTION 16: Other information

| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item                           | Change   | Comments |
|                       | Revision date                          | Modified |          |
|                       | Supersedes                             | Modified |          |
| 2.2                   | EUH-statements                         | Modified |          |
| 3                     | Composition/information on ingredients | Modified |          |
| 9.1                   | Colour                                 | Modified |          |

| 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.

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| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4   |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2                                       |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3                                       |
| Aquatic Chronic 4                   | Hazardous to the aquatic environment — Chronic Hazard, Category 4                                       |
| EUH208                              | Contains 2-Ethylhexyl methacrylate, 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.   |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.  |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.  |
| H335                                | May cause respiratory irritation.   |
| H411                                | Toxic to aquatic life with long lasting effects.  |
| H412                                | Harmful to aquatic life with long lasting effects.  |
| H413                                | May cause long lasting harmful effects to aquatic life.   |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2   |
| Skin Sens. 1                        | Skin sensitisation, Category 1  |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation              |

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.