



CHAMPION OEM SPECIFIC 0W-20 C5 P

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 09/10/2023 Revision date: 29/11/2023 Supersedes version of: 09/10/2023 Version: 1.3

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

1.1. Product identifier

Product form : Mixture
Product name : CHAMPION OEM SPECIFIC 0W-20 C5 P
Product code : 65657
Type of product : CHAMPION

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

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@wolfoil.com - <https://www.championlubes.com>

1.4. Emergency telephone number

Emergency number : 0032 (0)3 870 00 00

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|---|---|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| Israel | Israel Poison Information Center Rambam Health Care Campus | 6 Ha'Aliya Street 31096 | +972 4 854 1900 | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital Msida MSD 2090 | +356 2545 6508 | |
| Sweden | Giftinformationscentralen | Box 60 500 171 76 Stockholm | 112 – begär Giftinformation +46 10 456 6700 (Från 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 molybdenum polysulphide long chain alkyl dithiocarbamate complex, N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine, C14-16-18 Alkylphenol. May produce an allergic reaction.
EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/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 is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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] |
|--|--|------------|--|
| molybdenum polysulphide long chain alkyl dithiocarbamate complex | EC-No.: 457-320-2 REACH-no: 01-0000019337-66 | 0.1 – 0.99 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine | CAS-No.: 91273-04-0 EC-No.: 401-280-0 EC Index-No.: 613-072-00-9 REACH-no: CONFIDENTIAL | 0.1 – 0.24 | Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| C14-16-18 Alkylphenol | CAS-No.: 1190625-94-5 EC-No.: 931-468-2 REACH-no: 01-2119498288-19 | 0.1 – 0.24 | Skin Sens. 1, H317 STOT RE 2, H373 |

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.

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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.

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.

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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

| molybdenum polysulphide long chain alkyl dithiocarbamate complex | |
|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Molybdenum polysulphide long chain alkyl dithiocarbamate complex |
| IOEL TWA | 10 mg/m ³ |
| USA - ACGIH - Occupational Exposure Limits | |
| ACGIH OEL TWA | 5 mg/m ³ |
| ACGIH OEL STEL | 10 mg/m ³ |

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

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

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 |
| Colour | : brown. |
| Appearance | : Oily liquid. |
| Odour | : Not available |
| Odour threshold | : Not available |
| Melting point | : -48 °C |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : 232 °C |
| Auto-ignition temperature | : Not available |
| Decomposition temperature | : Not available |

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| | |
|---|---------------------------------|
| pH | : Not available |
| Viscosity, kinematic | : 43.5 mm ² /s @40°C |
| Solubility | : Not available |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 0.845 g/ml @15°C |
| Relative density | : Not available |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal 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 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 |

molybdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|-----------------|-----------------------|
| LD50 oral rat | > 2000 mg/kg OECD 425 |
| LD50 dermal rat | > 2000 mg/kg OECD 402 |

N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine (91273-04-0)

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

| | |
|---------------------------|------------------|
| Skin corrosion/irritation | : Not classified |
|---------------------------|------------------|

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molibdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|-----------------------------------|---|
| Skin corrosion/irritation, rabbit | (4 Hours, (OECD 404 method), Causes skin irritation.) |
|-----------------------------------|---|

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

molibdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|---|--|
| Respiratory or skin sensitisation, Guinea pig | (OPPTS 870.2600, Causes sensitisation) |
|---|--|

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

molibdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight/day Daily, OECD 407 |
|----------------------------|---|

| | |
|-------------------------------------|--|
| NOAEL (dermal, rat/rabbit, 90 days) | 670 mg/kg bodyweight/day Daily, OECD 410 |
|-------------------------------------|--|

C14-16-18 Alkylphenol (1190625-94-5)

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

Aspiration hazard : Not classified

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| | |
|----------------------|-------------------------------|
| Viscosity, kinematic | 43.5 mm ² /s @40°C |
|----------------------|-------------------------------|

11.2. Information on other hazards

No additional information available

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)

Not rapidly degradable

molibdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|-----------------|---|
| LC50 - Fish [1] | > 94.8 mg/l OECD 203, Oncorhynchus mykiss |
|-----------------|---|

| | |
|-----------------|--|
| LC50 - Fish [2] | > 670 mg/l OECD 203, Oncorhynchus mykiss |
|-----------------|--|

| | |
|----------------------|---------------------------------|
| EC50 - Crustacea [1] | 50 mg/l OECD 202, Daphnia magna |
|----------------------|---------------------------------|

| | |
|----------------------|---|
| EC50 72h - Algae [1] | 14 mg/l OECD 201, Pseudokirchneriella subcapitata |
|----------------------|---|

| | |
|--------------|---|
| NOEC (acute) | 94.8 mg/l OECD 203 (Oncorhynchus mykiss, 96h) |
|--------------|---|

| | |
|------------------------|--|
| NOEC chronic crustacea | 100 mg/l @21d, OECD 211, Daphnia Magna |
|------------------------|--|

| | |
|--------------------|-----------|
| NOEC chronic algae | 4.05 mg/l |
|--------------------|-----------|

12.2. Persistence and degradability

molibdenum polysulphide long chain alkyl dithiocarbamate complex

| | |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |
|-------------------------------|----------------------------|

| | |
|----------------|----------------------------------|
| Biodegradation | 23 % @29d, 29,04 mg/L, OECD 301B |
|----------------|----------------------------------|

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12.3. Bioaccumulative potential

molybdenum polysulphide long chain alkyl dithiocarbamate complex

BCF - Fish [1]

OECD 305 (Cyprinus carpio, 25°C)

Bioconcentration factor (BCF REACH)

88 OECD 305 (Cyprinus carpio - @25°C - 0,05mg/l)

12.4. Mobility in soil

molybdenum polysulphide long chain alkyl dithiocarbamate complex

Ecology - soil

Adsorbs to soil after emission.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

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.

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

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ADN

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

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

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

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)

15.1.2. National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).
Storage class (LGK, TRGS 510) : LGK 10-13 - Other combustible and non-combustible substances.
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

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
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
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Switzerland

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

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

| Indication of changes | | | |
|-----------------------|--------------------------|--------|----------|
| Section | Changed item | Change | Comments |
| 9.1 | Colour | Added | |
| 9.1 | Appearance | Added | |
| 15.1 | Water hazard class (WGK) | Added | |

| 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 |
| EUH208 | Contains molybdenum polysulphide long chain alkyl dithiocarbamate complex, N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine, C14-16-18 Alkylphenol. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |

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Full text of H- and EUH-statements:

| | |
|---------------|--|
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |

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.