# CAMPAGNOLO S.R.L Revision nr. 2 Dated 18/07/2023 Printed on 18/07/2023 Page n. 1/12 Replaced revision:1 (Dated: 06/05/2020)

# **Safety Data Sheet**

According to Annex II to REACH - Regulation (EU) 2020/878

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

### 1.1. Product identifier

Product name Campagnolo Mineral Oil

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

Mineral oil for hydraulic disc brakes for bicycles

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

Name Campagnolo SRL
Full address VIA CHIMICA, 4
District and Country 36100, VICENZA (VI)
Italia

tel. 0444 225500 fax 0444 225400

e-mail address of the competent person responsible for the Safety Data Sheet

campagnolo@campagnolo.com

### 1.4. Emergency telephone number

For urgent inquiries refer to

IRELAND: National Poisons Information Centre (NPIC): +353 1 8092166

MALTA: Medicines & poisons info Office 112

UK: National Health Service (NHS) (999 emergency call; 111 non-emergency call) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department

# **SECTION 2. Hazards identification**

# 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Physical and chemical hazards: the product is not classified for this hazard category.

Health hazards: the product is not classified for this hazard category

Environmental hazards: the product is toxic to aquatic life with long lasting effects

Hazardous to the aquatic environment, chronic toxicity, H411 Toxic to aquatic life with long lasting effects. category 2

### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: --

Hazard statements:

**H411** Toxic to aquatic life with long lasting effects.

Precautionary statements:

# **Campagnolo Mineral Oil**

Revision nr. 2

Dated 18/07/2023

Printed on 18/07/2023

Page n. 2/12

Replaced revision:1 (Dated: 06/05/2020)

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.
P103 Read label before use.
P273 Avoid release to the environment

P391 Collect spillage.

**P501** Dispose of contents and container in accordance with local regulation.

Contains: Distillates (petroleum), heavy paraffinic

### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%. The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

# **SECTION 3. Composition/information on ingredients**

### 3.2. Mixtures

Contains:

| Identification  | Concentration % | Classification (EC) 1272/2008 (CLP)                                   | Specific concentration ☐ limits<br>1272/2008 (CLP) |
|---|-----------------|---|--|
| Distillates (petroleum),<br>hydrotreated heavy paraffinic<br>INDEX 649-467-00-8 | 90 - 100        | Carc. 1B H350,  | Not applicable                                     |
|   |                 | Classification note according to Annex<br>VI to the CLP Regulation: L | ''   |
| EC 265-157-1  |                 |   |  |
| CAS 64742-54-7  |                 |   |  |
| 2,6-di-tert-butyl-p-cresol  |                 |   |  |
| INDEX -   | 0 - 6           | Aquatic Acute 1 H400 M=1,<br>Aquatic Chronic 1 H410 M=1               | Not applicable                                     |
| EC 204-881-4  |                 |   |  |
| CAS 128-37-0  |                 |   |  |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

# **SECTION 4. First aid measures**

# 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Consult a doctor.

| CAMPAGNOLO S.R.L       | Revision nr. 2                          |  |
|------------------------|---|--|
|                        | Dated 18/07/2023                        |  |
| Campagnolo Mineral Oil | Printed on 18/07/2023                   |  |
| Jan., p. 13            | Page n. 3/12                            |  |
|                        | Replaced revision:1 (Dated: 06/05/2020) |  |

# **SECTION 5. Firefighting measures**

### 5.1. Extinguishing media

# SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products for example COx.

### 5.3. Advice for firefighters

### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

# SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### **SECTION 6. Accidental release measures**

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

# FOR NON-EMERGENCY PERSONNEL

Alert personnel responsible coordinating the response to such emergencies. Move away from the area affected by the accident if you are not in possession of the personal protective equipment listed in Section 8.

# FOR EMERGENCY RESPONDERS

Evacuate all personnel not suitably equipped to deal with the emergency.

Wear suitable protective clothing and equipment, as set out in Section 8 of the safety data sheet, to prevent any contamination of the skin, eyes and personal clothing. Stop leak if safe to do so. Do not permit workers to access the area affected by the accident until safe conditions have been restored. Ventilate the areas affected

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

# 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

# **SECTION 7. Handling and storage**

### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any

# CAMPAGNOLO S.R.L Revision nr. 2 Dated 18/07/2023 Printed on 18/07/2023 Page n. 4/12 Replaced revision:1 (Dated: 06/05/2020)

incompatible materials, acids, bases and strong oxidant agents, see section 10 for details.

# 7.3. Specific end use(s)

No specific end uses are intended other than the relevant uses set out in Section 1.2 of this safety data sheet.

# **SECTION 8. Exposure controls/personal protection**

# 8.1. Control parameters

The product does not contain any substances that are subject to Community workplace exposure limits (OEL) requiring declaration in this Section.

Regulatory references:

ACGIH 2023

| TLV-ACGIH                         |                      | ACGIH 2023     |               |                     |                    |                      |               |                    |
|-----------------------------------|----------------------|----------------|---------------|---------------------|--------------------|----------------------|---------------|--------------------|
| 2,6-di-tert-butyl-p-cresol        |                      |                |               |                     |                    |                      |               |                    |
| Threshold Limit Value             |                      |                |               |                     |                    |                      |               |                    |
| Гуре                              | Country              | TWA/8h         |               | STEL/15min          |                    | Remarks<br>Observati |               | ffect              |
|                                   |                      | mg/m3          | ppm           | mg/m3               | ppm                |                      |               |                    |
| TLV-ACGIH                         |                      | 2              |               |                     |                    | A4                   | Upper res     | spiratory tract    |
| Predicted no-effect concentration | on - PNEC            |                |               |                     |                    |                      |               |                    |
| Normal value in fresh water       |                      |                |               | 0,199               | ug/l               |                      |               |                    |
| Normal value in marine water      |                      |                |               | 0,02                | ug/l               |                      |               |                    |
| Normal value for fresh water se   | diment               |                |               | 0,458               | mg/k               | g                    |               |                    |
| Normal value for marine water s   | sediment             |                |               | 0,046               | mg/k               | g                    |               |                    |
| Normal value for marine water,    | intermittent release |                |               | 1,99                | ug/l               |                      |               |                    |
| Normal value of STP microorga     | nisms                |                |               | 0,017               | mg/l               |                      |               |                    |
| Normal value for the food chain   | (secondary poisoni   | ng)            |               | 16,67               | mg/k               | g                    |               |                    |
| Normal value for the terrestrial  | compartment          |                |               | 0,054               | mg/k               | g                    |               |                    |
| Health - Derived no-effect        | Effects on consumers | MEL            |               |                     | Effects on workers |                      |               |                    |
| Route of exposure                 | Acute local          | Acute systemic | Chronic local | Chronic<br>systemic | Acute local        | Acute systemic       | Chronic local | Chronic systemic   |
| Oral                              |                      |                |               | System is           |                    | 5,5155               |               | 0,25 mg/kg<br>bw/d |
| Inhalation                        |                      |                |               | 0,435 mg/m3         |                    |                      |               | 1,76 mg/m3         |
| Skin                              |                      |                |               | 0,25 mg/kg<br>bw/d  |                    |                      |               | 0,5 mg/kg<br>bw/d  |
| Distillates (petroleum), hyd      | drotreated heavy     | paraffinic     |               |                     |                    |                      |               |                    |
| Predicted no-effect concentration |                      |                |               |                     |                    |                      |               |                    |
| Normal value for the food chain   | (secondary poisoni   | ng)            |               | 9,33                | mg/k               | g                    |               |                    |
| Health - Derived no-effect        | Effects on consumers | MEL            |               |                     | Effects on workers |                      |               |                    |
| Route of exposure                 | Acute local          | Acute systemic | Chronic local | Chronic systemic    | Acute local        | Acute systemic       | Chronic local | Chronic systemic   |
|                                   |                      |                |               | 0,74 mg/kg          |                    |                      |               |                    |
| Oral                              |                      |                |               |                     |                    |                      |               |                    |
| Oral                              |                      |                |               | bw/d                |                    |                      | 5,58 mg/m3    | 2,73 mg/m3         |

# CAMPAGNOLO S.R.L Revision nr. 2 Dated 18/07/2023 Printed on 18/07/2023 Page n. 5/12 Replaced revision:1 (Dated: 06/05/2020)

### Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available; NEA = no exposure expected; NPI = no hazard identified; LOW = low hazard; MED = medium hazard; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

### HAND PROTECTION

Protect hands with category III work gloves, at least of type B resistant to compound class F and J.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

# EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

# RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required, AP.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear opencircuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

# **SECTION 9. Physical and chemical properties**

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

| Properties                             | Value          | Information              |
|--|----------------|--------------------------|
| Appearance                             | liquid         |                          |
| Colour                                 | red            |                          |
| Odour                                  | characteristic |                          |
| Melting point / freezing point         | -45 °C         |                          |
| Initial boiling point                  | > 250 °C       |                          |
| Flammability                           | not available  |                          |
| Lower explosive limit                  | not available  |                          |
| Upper explosive limit                  | not available  |                          |
| Flash point                            | 190 °C         |                          |
| Auto-ignition temperature              | not available  |                          |
| Decomposition temperature              | not available  |                          |
| pH                                     | not available  |                          |
| Kinematic viscosity                    | not available  |                          |
| Solubility                             | not available  |                          |
| Partition coefficient: n-octanol/water | not applicable | The product is a mixture |
| Vapour pressure                        | not applicable | The product is a mixture |
| Density and/or relative density        | 0,8456 g/cm3   | ·                        |
| Relative vapour density                | not available  |                          |
| Particle characteristics               | not applicable | The product is a mixture |

## 9.2. Other information

# CAMPAGNOLO S.R.L Revision nr. 2 Dated 18/07/2023 Printed on 18/07/2023 Page n. 6/12 Replaced revision:1 (Dated: 06/05/2020)

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

# **SECTION 10. Stability and reactivity**

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

# 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials

Acids, bases and strong oxidant agents.

## 10.6. Hazardous decomposition products

By thermal decomposition, gases and vapors potentially harmful to health can be released, for example COx.

# **SECTION 11. Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

### Revision nr. 2 CAMPAGNOLO S.R.L Dated 18/07/2023 Printed on 18/07/2023 Campagnolo Mineral Oil Page n. 7/12

Replaced revision:1 (Dated: 06/05/2020)

### Interactive effects

Information not available

### ACUTE TOXICITY

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class

Not classified (no significant component) ATE (Inhalation) of the mixture: ATE (Oral) of the mixture: Not classified (no significant component) ATE (Dermal) of the mixture: Not classified (no significant component)

### 2,6-di-tert-butyl-p-cresol

LD50 (Dermal): > 2000 mg/kg Ratto LD50 (Oral): > 6000 mg/kg Ratto

### Distillates (petroleum), hydrotreated heavy paraffinic

LD50 (Dermal): > 5000 mg/kg Coniglio LD50 (Oral): > 5000 mg/kg Ratto LC50 (Inhalation mists/powders): 2,18 mg/l/4h Ratto

# SKIN CORROSION / IRRITATION

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

### SERIOUS EYE DAMAGE / IRRITATION

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

### RESPIRATORY OR SKIN SENSITISATION

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class

### GERM CELL MUTAGENICITY

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

CARCINOGENICITY

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

### REPRODUCTIVE TOXICITY

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class

# STOT - SINGLE EXPOSURE

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

STOT - REPEATED EXPOSURE
On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

# ASPIRATION HAZARD

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class.

### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

# CAMPAGNOLO S.R.L Revision nr. 2 Dated 18/07/2023 Printed on 18/07/2023 Page n. 8/12 Replaced revision:1 (Dated: 06/05/2020)

# **SECTION 12. Ecological information**

### 12.1. Toxicity

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment.

On the basis of available data and in view of the classification criteria of Annex I, Part 3 of (EC) Reg. 1272/2008 as amended, the product is not classified for this hazard class, *Aquatic Chronic.2*, *H411*.

### 2,6-di-tert-butyl-p-cresol

LC50 - for Fish EC50 - for Crustacea

EC50 - for Algae / Aquatic Plants

> 0,57 mg/l/96h Danio rerio 0,48 mg/l/48h Daphnia magna

> 0,4 mg/l/72h Desmodesmus subspicatus

# Distillates (petroleum), hydrotreated

heavy paraffinic

EC50 - for Crustacea

> 10000 mg/l/48h Daphnia magna

### 12.2. Persistence and degradability

Distillates (petroleum), hydrotreated heavy

paraffinic

Rapidly degradable 31% in 28 giorni

### 12.3. Bioaccumulative potential

Information not available

### 12.4. Mobility in soil

Information not available

### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

# 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

### 12.7. Other adverse effects

Information not available

# **SECTION 13. Disposal considerations**

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

# CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

# Campagnolo Mineral Oil

Dated 18/07/2023

Printed on 18/07/2023

Page n. 9/12

Replaced revision:1 (Dated: 06/05/2020)

# **SECTION 14. Transport information**

### 14.1. UN number or ID number

ADR / RID, IMDG, IATA:

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not

submitted to ADR provisions.

In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity ≤ 5Kg or IMDG:

5L, is not submitted to IMDG Code provisions.

UN 3082

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to

IATA dangerous goods regulations.

### 14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,6-di-tert-butil-p-cresolo) ADR / RID. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,6-di-tert-butyl-p-cresol) IMDG: IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,6-di-tert-butyl-p-cresol)

### 14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Label: 9 Class: 9



# 14.4. Packing group

ADR / RID, IMDG, IATA: Ш

## 14.5. Environmental hazards

ADR / RID: Environmentally

Hazardous

IMDG: Marine Pollutant

IATA: Environmentally

Hazardous



# 14.6. Special precautions for user

IMDG:

ADR / RID: HIN - Kemler: 90

Special provision: 274, 335, 375, 601

EMS: F-A, S-F

Passengers:

Special provision:

IATA: Cargo: Limited

Quantities: 5

Quantities: 5

Limited

Maximum quantity: 450

Maximum

quantity: 450

A97, A158,

Packaging instructions: 964 Packaging

instructions:

964

Tunnel

restriction code: (-)

A197, A215

# Campagnolo Mineral Oil

Revision nr. 2

Dated 18/07/2023 Printed on 18/07/2023

Page n. 10/12

Replaced revision:1 (Dated: 06/05/2020)

### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

# **SECTION 15. Regulatory information**

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<u>Seveso Category - Directive 2012/18/EU:</u> E2

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 3

Contained substance

Point 28-75

Distillates (petroleum), hydrotreated heavy paraffinic REACH Reg.: 01-2119484627-25-XXXX

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)
On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

Biocidal Products Regulation (Reg. (EU) 528/2012):

not applicable

Detergent regulations (Reg. (EC) 648/2004):

not applicable

<u>Dir. 2004/42/EC - VOC/Italian Leg. Decr. 161/2006</u>:

not applicable

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 3: Severe hazard to waters

## 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the following contained substances.

# Campagnolo Mineral Oil

Revision nr. 2 Dated 18/07/2023

Printed on 18/07/2023

Page n. 11/12

Replaced revision:1 (Dated: 06/05/2020)

## **SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Carc. 1B Carcinogenicity, category 1B

**Aquatic Acute 1** Hazardous to the aquatic environment, acute toxicity, category 1 **Aquatic Chronic 1** Hazardous to the aquatic environment, chronic toxicity, category 1 Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

H350 May cause cancer. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).
- A1 = Confirmed Human Carcinogen
- A2 = Suspected Human Carcinogen
- A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans
- A4 = Not Classifiable as a Human Carcinogen
- A5 = Not Suspected as a Human Carcinogen
- IBE = Biological Indicators of Exposure.

### GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- Regulation (EC) 1272/2008 (CLP) of the European Parliament
   Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)

# Revision nr. 2 CAMPAGNOLO S.R.L Dated 18/07/2023 Printed on 18/07/2023 Campagnolo Mineral Oil Page n. 12/12 Replaced revision:1 (Dated: 06/05/2020)

- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP) 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

### CALCULATION METHODS

Chemical-physical hazards: the dangerousness has been derived from the classification criteria of CLP Regulation Annex I Part 2 as amended and added. Health hazards have been assessed with the calculation method set out by Reg. (EC) 1272/2008 (CLP) as amended and added for the classification of mixtures when data are available on all components of the mixture or some of them:

Acute Tox: application of criteria in Table 3.1.1. Annex I Part 3 of CLP Regulation as amended and added.

Skin Corr. 1A/1B/1C H314: application of additivity formula criteria in Table 3.2.3 Annex I Part 3 of CLP Regulation

Skin Irrit 2 H315: application of additivity formula criteria in Table 3.2.3 Annex I Part 3 of CLP Regulation

Eye Dam 1 H318: application of additivity formula criteria in Table 3.3.3 Annex I Part 3 of CLP Regulation

Eye Irrit. 2 H319: application of the additivity formula criteria in Table 3.3.3 Annex I Part 3 of CLP Regulation

Eye Irrit. 2 H319: table 3.3.3 of Annex I, Part 3 of Reg. (EC) 1272/2008 (CLP) as amended and added.

Skin Sens 1A/1B/1 H317 Table 3.4.5 of Annex I, Part 3 of Reg. (EC) 1272/2008 (CLP) as amended and added.

Resp Sens 1A/1B/1 H334 Table 3.4.5 of Annex I, Part 3 of Reg. (EC) 1272/2008 (CLP) as amended and added.

Muta. 1A/1B, 2 H340 - H341: table 3.5.2 Annex I Part 3 of CLP Regulation as amended and added.

Carc 1A/1B, 2 H350 - H351: table 3.6.2 Annex I Part 3 of CLP Regulation as amended and added.

Repr 1A/1B, 2 H360 - H361: table 3.7.2 Annex I Part 3 of CLP Regulation as amended and added.

STOT SE 1, 2 H370 - 371: application of the calculation methods - table 3.8.3 of Ann. I, Part 3 of Reg. (EC) 1272/2008 (CLP) as amended and added. STOT SE 3 H336: ch. 3.8.3.4.5 of Annex I, Part 3 of Reg. (EC) 1272/2008 (CLP) as amended and added.

STOT RE 1, 2 H372 - H373: table 3.9.4 Annex I Part 3 of CLP Regulation as amended and added.

Asp Tox 1 H304: application of criteria 3.10 Annex I Part 3 of CLP Regulation as amended and added

Environmental hazards have been assessed with the calculation method set out by Reg. (EC) 1272/2008 (CLP) as amended and added for the classification of mixtures when data are available on all components of the mixture or some of them:

toxicity for the aquatic environment acute effects: table 4.1.1 of Annex I, Part 4 of Reg. (EC) 1272/2008 (CLP) as amended and added;

toxicity for the aquatic environment chronic effects: table 4.1.2 of Annex I, Part 4 of Reg. (EC) 1272/2008 (CLP) as amended and added. Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

# Section modified to previous review: all