

# Safety Data Sheet

according to WHS Regulations

Printing date 04.04.2019

Version number 1.1

Revision: 04.04.2019

## 1 Identification

- **Product identifier**
- **Trade name: RACING FORK OIL 5W**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Only for proper handling.  
Fork oil
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
BUCHER AG LANGENTHAL  
MOTOREX-Schmiertechnik  
Bern-Zürich-Strasse 31  
CH-4901 Langenthal  
Telefon +41 (0)62 919 75 75  
  
A1 Accessory Imports  
60-62 Burchill St.  
Loganholme  
4129 QLD  
Australia  
Phone : 07 3451 1300
- **Further information obtainable from: [msds@motorex.com](mailto:msds@motorex.com)**
- **Emergency telephone number:**  
In case of a medical emergency following exposure to a chemical, call Poisons Information Centre Australia 13 11 26

## 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonised System (GHS).

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- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

|  |  |            |
|--|--|------------|
| CAS: 64742-53-6<br>EINECS: 265-156-6<br>Index number: 649-466-00-2 | Distillates (petroleum), hydrotreated light naphthenic<br>Asp. Tox. 1, H304                  | ≥25-≤50%   |
| CAS: 64742-53-6<br>EINECS: 265-156-6<br>Index number: 649-466-00-2 | Distillates (petroleum), hydrotreated light naphthenic<br>Asp. Tox. 1, H304                  | 25-50%     |
| CAS: 72623-87-1<br>EINECS: 276-738-4<br>Index number: 649-483-00-5 | Lubricating oils (petroleum), C20-50, hydrotreated<br>neutral oil-based<br>Asp. Tox. 1, H304 | ≥2.5-≤7.5% |

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CAS: 64742-46-7  
EINECS: 265-148-2Hydrocarbons, C15-C20 n-alkanes, isoalkanes,  
cycloalkanes, <0.03% aromatics  
Asp. Tox. 1, H304

≥0.25-≤3%

· **Additional information:**

Note L: The classification as carcinogen does not apply because the mixture (or substance) contains less than 3% dimethyl sulfoxide extract (DMSO), measured according to IP 346.  
For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Remove residues with soap and water.  
Remove contaminated clothing immediately.
- **After eye contact:**  
Rinse opened eye for several minutes under running water.  
Consult a physician if irritation develops.
- **After swallowing:**  
Do not induce vomiting. Do not take in resorption stimulating agents.  
Consult a physician who will decide on need and method of emptying the stomach.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see section 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

| · <b>DNELs</b>   |   |                                       |
|--|---|---------------------------------------|
| <b>64742-53-6 Distillates (petroleum), hydrotreated light naphthenic</b>                         |   |                                       |
| Inhalative   | DNEL / Workers / Local Effects / Long-term      | 5.4 mg/m <sup>3</sup> (worker)        |
| <b>64742-53-6 Distillates (petroleum), hydrotreated light naphthenic</b>                         |   |                                       |
| Inhalative   | DNEL / Workers / Local Effects / Long-term      | 5.4 mg/m <sup>3</sup> (worker)        |
| <b>72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based</b>           |   |                                       |
| Inhalative   | DNEL / Workers / Local Effects / Long-term      | 5.4 mg/m <sup>3</sup> /8h (worker)    |
|  | DNEL/general population/Local effects/Long-term | 1.2 mg/m <sup>3</sup> /24h (consumer) |
| <b>64742-46-7 Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, &lt;0.03% aromatics</b> |   |                                       |
| Dermal   | DNEL / Workers / Systemic effects / Long-term   | 2.9 mg/kg/24h (worker)                |
| Inhalative   | DNEL / Workers / Systemic effects / Long-term   | 16 mg/m <sup>3</sup> (worker)         |

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**  
Not necessary if room is well-ventilated.  
Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Protective gloves to EN374, resistant to oil in use. Standard EN 374 Level 3 control G1  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.  
Fluorocarbon rubber (Viton)  
Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.4$  mm
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 374 Part 3: Level 1).

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- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

### 9 Physical and Chemical Properties

#### · Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

Form: Fluid

Colour: Red

· Odour: Characteristic

· Odour threshold: Not determined.

· pH-value: Not determined.

##### · Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

· Flash point: 130 °C

· Flammability (solid, gas): Not applicable.

· Ignition temperature: >270 °C (DIN 51794)

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product does not present an explosion hazard.

##### · Explosion limits:

Lower: Not determined.

Upper: Not determined.

· Vapour pressure at 20 °C: 1.6 hPa

· Density at 20 °C: 0.885 g/cm<sup>3</sup> (ASTM D 4052)

· Relative density: Not determined.

· Vapour density: Not determined.

· Evaporation rate: Not determined.

##### · Solubility in / Miscibility with water:

Not miscible or difficult to mix.

· Partition coefficient: n-octanol/water: Not determined.

##### · Viscosity:

Dynamic: Not determined.

Kinematic: 23.4 mm<sup>2</sup>/s @ 40 °C

Solids content: 0.0 %

· Other information: No further relevant information available.

### 10 Stability and Reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- Information on toxicological effects
- Acute toxicity

- LD/LC50 values relevant for classification:

#### 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

|            |           |   |
|------------|-----------|---|
| Oral       | LD50      | 5,000 mg/kg (rat)                                 |
|            | LOAEL     | 125 mg/kg/24h (rat)                               |
| Dermal     | LD50      | 2,000-5,000 mg/kg (rabbit)                        |
|            | NOEL      | 30-2,000 mg/kg/24h (rat)                          |
|            | NOAEL     | 150 mg/kg/24h (mouse)<br>1,000 mg/kg/24h (rabbit) |
| Inhalative | LOAEL     | 100 mg/kg/24h (mouse)                             |
|            | LC50 / 4h | 2.18-5.53 mg/l (rat)                              |
|            | NOEL      | 220 mg/m3 (rat)                                   |
|            | NOAEL     | 980 mg/m3 (rat)                                   |

#### 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

|            |           |   |
|------------|-----------|---|
| Oral       | LD50      | 5,000 mg/kg (rat)                                 |
|            | LOAEL     | 125 mg/kg/24h (rat)                               |
| Dermal     | LD50      | 2,000-5,000 mg/kg (rabbit)                        |
|            | NOEL      | 30-2,000 mg/kg/24h (rat)                          |
|            | NOAEL     | 150 mg/kg/24h (mouse)<br>1,000 mg/kg/24h (rabbit) |
| Inhalative | LOAEL     | 100 mg/kg/24h (mouse)                             |
|            | LC50 / 4h | 2.18-5.53 mg/l (rat)                              |
|            | NOEL      | 220 mg/m3 (rat)                                   |
|            | NOAEL     | 980 mg/m3 (rat)                                   |

#### 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

|            |           |   |
|------------|-----------|---|
| Oral       | LD50      | 5,000 mg/kg (rat)                                 |
|            | LOAEL     | 125 mg/kg/24h (rat)                               |
| Dermal     | LD50      | 2,000-5,000 mg/kg (rabbit)                        |
|            | NOAEL     | 150 mg/kg/24h (mouse)<br>30-2,000 mg/kg/24h (rat) |
|            |           | 1,000 mg/kg/24h (rabbit)                          |
| Inhalative | LOAEL     | 100 mg/kg/24h (mouse)                             |
|            | LC50 / 4h | 2.18-5.53 mg/l (rat)                              |
|            | NOAEC     | 980 mg/m3 (rat)                                   |
|            | NOEC      | 220 mg/m3 (rat)                                   |

#### 64742-46-7 Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics

|            |           |  |
|------------|-----------|--|
| Oral       | LD50      | 5,000 mg/kg (rat)                                  |
| Dermal     | LD50      | 2,000 mg/kg (rabbit)                               |
|            | NOAEL     | 25-125 mg/kg/24h (rat)<br>1,000 mg/kg/24h (rabbit) |
| Inhalative | LOAEL     | 30 mg/kg/24h (rat)                                 |
|            | LC50 / 4h | 1.72-4.6 mg/l (rat)                                |

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|       |                                   |
|-------|-----------------------------------|
| NOAEC | 880-1,710 mg/m <sup>3</sup> (rat) |
| LOEL  | 23-24 mg/m <sup>3</sup> (rat)     |

- **Primary irritant effect:**
- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
 The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
 When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:**

### 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

|      |   |
|------|---|
| LL50 | 10,000 mg/l/96h (aquatic invertebrates) |
|      | 100 mg/l/96h (fish)                     |
| LL50 | 10,000 mg/l/72h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/48h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/24h (aquatic invertebrates) |
| EL50 | 10,000 mg/l/48h (aquatic invertebrates) |

### 64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

|      |   |
|------|---|
| LL50 | 10,000 mg/l/96h (aquatic invertebrates) |
|      | 100 mg/l/96h (fish)                     |
| LL50 | 10,000 mg/l/72h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/48h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/24h (aquatic invertebrates) |
| EL50 | 10,000 mg/l/48h (aquatic invertebrates) |

### 72623-87-1 Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

|      |   |
|------|---|
| LL50 | 10,000 mg/l/96h (aquatic invertebrates) |
|      | 100 mg/l/96h (fish)                     |
| LL50 | 10,000 mg/l/72h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/48h (aquatic invertebrates) |
| LL50 | 10,000 mg/l/24h (aquatic invertebrates) |
| EL50 | 10,000 mg/l/48h (aquatic invertebrates) |

### 64742-46-7 Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics

|      |  |
|------|--|
| LL50 | 1.13-65 mg/l/96h (fish)                    |
| LL50 | 21-150 mg/l/72h (fish)                     |
| LL50 | 28-180 mg/l/48h (fish)                     |
| LL50 | 100-1,000 mg/l/24h (fish)                  |
| EL50 | 7.385-210 mg/l/48h (aquatic invertebrates) |
| EL50 | 180-1,000 mg/l/24h (aquatic invertebrates) |
| EL50 | 1.714-22 mg/l/72h (algae / cyanobacteria)  |

- **Persistence and degradability** No further relevant information available.

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· **Behaviour in environmental systems:**

· **Bioaccumulative potential**

**64742-53-6 Distillates (petroleum), hydrotreated light naphthenic**

Partition coefficient 2-6 [---] (log Kow) (Bioaccumulation)

**64742-53-6 Distillates (petroleum), hydrotreated light naphthenic**

Partition coefficient 2-6 [---] (log Kow) (Bioaccumulation)

**64742-46-7 Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics**

Biodegradability 74 % (28d) (Biodegradability) (OECD 306)

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (according to Appendix 1 AwSV): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· **UN-Number**

· **ADG, ADN, IMDG, IATA** Void

· **UN proper shipping name**

· **ADG, ADN, IMDG, IATA** Void

· **Transport hazard class(es)**

· **ADG, ADN, IMDG, IATA**

· **Class** Void

· **Packing group**

· **ADG, IMDG, IATA** Void

· **Environmental hazards:**

· **Marine pollutant:** No

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Void

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### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

#### · Australian Inventory of Chemical Substances

|            |   |
|------------|---|
| 64742-53-6 | Distillates (petroleum), hydrotreated light naphthenic                      |
| 64742-53-6 | Distillates (petroleum), hydrotreated light naphthenic                      |
| 64742-62-7 | Residual oils (petroleum), solvent-dewaxed                                  |
| 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based        |
| 64742-46-7 | Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics |
| 72623-86-0 | Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based        |
| 97-88-1    | n-butyl methacrylate  |
| 64742-47-8 | Distillates (petroleum), hydrotreated light                                 |
| 33703-08-1 | Diisononyladipat  |
| 25307-17-9 | 2,2'-(9-octadecenylimino)bisethanol   |
| 1330-20-7  | xylene  |
| 100-41-4   | ethylbenzene  |
| 140-88-5   | ethyl acrylate  |

#### · Standard for the Uniform Scheduling of Medicines and Poisons

|           |        |    |
|-----------|--------|----|
| 1330-20-7 | xylene | S6 |
|-----------|--------|----|

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008.

No special training instructions to ensure protection of human health and environment are required.

#### · Relevant phrases

H304 May be fatal if swallowed and enters airways.

#### · Department issuing SDS: Abteilung Produktsicherheit

#### · Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

- \* Data compared to the previous version altered.