

## 1 Identification

- **Product identifier**
- **Trade name:** RACING FORK OIL LOW FRICTION 5W
- **Application of the substance / the mixture** Only for proper handling.
- **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  
  
 Lube-Tech  
 Lubrication Technologies, Inc.  
 900 Mendelssohn Avenue North  
 US-55427 Golden Valley, Minnesota  
 Phone: 001 763 417 1357
- **Information department:** [msds@motorex.com](mailto:msds@motorex.com)
- **Emergency telephone number:**  
 Toxicological Information Centre  
 CH-8028 Zurich  
[info@toxi.ch](mailto:info@toxi.ch)  
 T. +41 (0)44 251 51 51  
 USA + Kanada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
 The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: RACING FORK OIL LOW FRICTION 5W

(Contd. of page 1)

### 3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 64741-76-0	Distillates (petroleum), heavy hydrocracked	60-80%
	Asp. Tox. 1, H304	
CAS: 64742-65-0 Reg.nr.: 01-2119471299-27	Distillates (petroleum), solvent-dewaxed heavy paraffinic	1-2.5%
	Asp. Tox. 1, H304	

### 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 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 fighting measures that suit the environment.
- **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.

(Contd. on page 3)

US

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

**Trade name: RACING FORK OIL LOW FRICTION 5W**

See Section 13 for disposal information.

(Contd. of page 2)

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:**  
Do not heat above flash point.
- **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/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components 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.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.
- **Eye protection:** Goggles recommended during refilling.

US

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

Trade name: RACING FORK OIL LOW FRICTION 5W

(Contd. of page 3)

### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form:	Fluid
Color:	Red
Odor:	typical, characteristic
Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

· **Flash point:** >150 °C (>302 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 0 °C (32 °F) (DIN 51794)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower:	0.0 Vol %
Upper:	0.0 Vol %

· **Vapor pressure at 20 °C (68 °F):** 1 hPa (1 mm Hg)

· **Density at 20 °C (68 °F):** 0.855 g/cm<sup>3</sup> (7.135 lbs/gal) (ASTM D 4052)

· **Relative density** Not determined.

· **Vapor 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:	22.6 mm <sup>2</sup> /s @ 40 °C (DIN 51562-1)
VOC content:	0.3 g/l / 0.00 lb/gl

· **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.

(Contd. on page 5)

US

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

**Trade name: RACING FORK OIL LOW FRICTION 5W**

(Contd. of page 4)

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

### 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
140-88-5	ethyl acrylate	2B

· **NTP (National Toxicology Program)**

140-88-5	ethyl acrylate	R
----------	----------------	---

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

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

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

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

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (Self-classification according VwVwS, 17.05.1999): 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:** Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

**Trade name: RACING FORK OIL LOW FRICTION 5W**

(Contd. of page 5)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b>	
· <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>	Void
· <b>UN proper shipping name</b>	
· <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>	Void
· <b>Transport hazard class(es)</b>	
· <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>Packing group</b>	
· <b>DOT, ADR,ADN, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	Void

### 15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

1330-20-7	xylene
100-41-4	ethylbenzene
140-88-5	ethyl acrylate

· **TSCA (Toxic Substances Control Act):**

64741-76-0	Distillates (petroleum), heavy hydrocracked
72623-87-1	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic
64742-47-8	Distillates (petroleum), hydrotreated light
92257-31-3	2-Naphthalenol, 1-((4-(phenylazo)phenyl)azo)-, ar-heptylar, ar, Methyl derivate
1330-20-7	xylene
7423-42-9	2-ethylhexyl hydrogen maleate
25307-17-9	2,2'-(Octadec-9-enylimino)bisethanol
100-41-4	ethylbenzene
140-88-5	ethyl acrylate

(Contd. on page 7)

US

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/12/2016

Reviewed on 04/12/2016

**Trade name: RACING FORK OIL LOW FRICTION 5W**

(Contd. of page 6)

**· Proposition 65**
**· Chemicals known to cause cancer:**

100-41-4 ethylbenzene

140-88-5 ethyl acrylate

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**· Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**· Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**· Carcinogenic categories**
**· EPA (Environmental Protection Agency)**

1330-20-7 xylene

I

100-41-4 ethylbenzene

D

**· TLV (Threshold Limit Value established by ACGIH)**

1330-20-7 xylene

A4

100-41-4 ethylbenzene

A3

140-88-5 ethyl acrylate

A4

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

140-88-5 ethyl acrylate

**· National chemical directories**

Components listed or exempted from listing:

TSCA (USA)

DSL/NDSL (CDN)

ENCS/METI (J)

AICS (Aus)

IECSC (CN)

EINECS/ELINCS/NLP (EU)

ECL/KECI (KOR)

PICCS (RP)

**· 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.

**· Department issuing SDS:** Abteilung Produktsicherheit

**· Date of preparation / last revision** 04/12/2016 / -

**· Abbreviations and acronyms:**

Asp. Tox. 1: Aspiration hazard – Category 1