

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

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

- 1.1. Product identifier**  
oil FORCE Forks and Shocks 10W  
Substance / mixture mixture  
Number 895598  
Other mixture names olej tlumičový FORCE Forks and Shocks 10W
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Mixture's intended use Fork oil  
Mixture uses advised against not available

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

#### Distributor

Name or trade name KCK Cyklosport-Mode s.r.o.  
Address Bartošova 348, Otrokovice - Kvítkovice, 765 02  
Czech Republic  
Identification number (CRN) 18559751  
VAT Reg No CZ 185 59 751  
Phone +420 577 217 520  
E-mail krejcirik@kckcyklosport.cz  
Web address www.kckcyklosport.cz

#### Manufacturer

Name or trade name Nacházel, s.r.o.  
Address Průmyslová 11/1472, Praha 10 - Hostivař, 10219  
Czech Republic  
Identification number (CRN) 25734458  
VAT Reg No CZ25734458  
Phone 222 351 140  
E-mail maziva@nachazel.cz  
Web address www.nachazel.cz



#### Competent person responsible for the safety data sheet

Name Ing. Zdeněk Nacházel  
E-mail ing.zdenek@nachazel.cz

### 1.4. Emergency telephone number

Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals

### SECTION 2: Hazards identification

#### 2.1. Substance or mixture classification

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

##### Most serious adverse physico-chemical effects

Unknown

#### 2.2. Label elements

##### Supplemental information

EUH 210 Safety data sheet available on request.

#### 2.3. Other hazards

Substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1272/2008.

Flammable liquid. In the event of heating, the risk of combustion may be higher than the flash point. In the long-term, resp. repeated exposure may cause eye and skin irritation. Prolonged direct contact can lead to skin degreasing and subsequent irritation. Inhalation of the oil mist may irritate the respiratory tract. It is not expected to cause long-term adverse effects in the environment.

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of substances specified below and non-hazardous additives.

The base oil has a value of DMSO less than 3%, and therefore not classified as a carcinogen.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 649-453-00-1 CAS: 64741-76-0 EC: 265-077-7 Registration number: 01-2119486951-26	Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the			1, 2

##### Notes

- Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.
- Fulfilled Note L

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this Safety Data Sheet.

##### Inhalation

Terminate the exposure immediately; move the affected person to fresh air.

##### Skin contact

Remove contaminated clothes.

##### Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

##### Ingestion

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

##### Inhalation

Not expected.

##### Skin contact

Not expected.

##### Eye contact

Not expected.

##### Ingestion

Not expected.

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

Symptomatic treatment.

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist

##### Unsuitable extinguishing media

water - full jet

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

Fire produces heavy, black smoke, with potential development of carbon monoxide and dioxide and other toxic gases. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

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

The mixture is non-flammable. Provide sufficient ventilation. Use gloves in case of prolonged contact. Follow the instructions in Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

#### 6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per Section 13. Collected material should be disposed of in accordance with locally valid regulations. Upon an escape of large quantities of the product, inform the Fire Department and the Environmental Department of the Municipal Authority with extended scope of competencies. After removal of the product, wash the contaminated site with plenty of water or another suitable cleaning material. Do not use solvents.

#### 6.4. Reference to other sections

7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in areas where it is not in contact with open fire and other ignition sources. No smoking. Protect against direct sunlight. Electrostatic charge may be formed during use; use only earthed piping (tubing) when repumping. Use of antistatic clothes and footwear is recommended. Use non-sparking tools. Do not inhale gases and vapours. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight.

Storage class

10 - Other combustible liquids

Content

1 l

Packaging type

plastic bottle

Material of package

PE-HD (2), Polyethylene - high-density, linear (Plastics)



PE-HD

min 0 °C, max 40 °C

Storage temperature

#### 7.3. Specific end use(s)

Follow the instructions appearing on the information sheet, respectively product labeling.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

none

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

### DNEL

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	5.4 mg/m <sup>3</sup>	Systemic chronic effects	
Consumers	Inhalation	1.2 mg/m <sup>3</sup>	Systemic chronic effects	

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

Use a mask with filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

Appearance	oily liquid
Physical state	liquid at 20°C
color	yellow
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	-36 °C
Initial boiling point and boiling range	data not available
Flash point	>180 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	<10 Pa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	insoluble
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	>330 °C
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	28,8-35,2 mm <sup>2</sup> /s at 40°C
Explosive properties	data not available
Oxidising properties	data not available
Data not available.	

### 9.2. Other information

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2
Density	0.85 g/cm <sup>3</sup> at 15 °C		
ignition temperature	data not available		

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The mixture is non-flammable.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

#### 10.5. Incompatible materials

Protect against strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous products are formed at high temperature and in fire, such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD <sub>50</sub>	OECD 401	>5000 mg/kg	96 hour	Rat (Rattus norvegicus)	
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/m <sup>3</sup>		Rabbit	
	NOAEL	OECD 412	>220 mg/m <sup>3</sup>			

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

#### Carcinogenicity

Based on available data the classification criteria are not met.

#### Reproductive toxicity

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

Based on available data the classification criteria are not met.

### More information

Data not available.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

The product contains no substances with an effect against active action of microorganisms.

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Parameter	Method	Value	Time of exposure	Species	Environment
NOEL	OECD 203	>100 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
NOEL	OECD 201	>100 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EC <sub>50</sub>	OECD 202	>10000 mg/l	48 hour	Daphnia (Daphnia magna)	
NOEL	OECD 202	>1000 mg/l		Daphnia (Daphnia magna)	

#### Chronic toxicity

Distillates (petroleum), heavy hydrocracked; Baseoil - unspecified; [A complex combination of hydrocarbons from the distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers in the

Parameter	Value	Time of exposure	Species	Environment
NOEL	10 mg/l	21 day	Fishes (Oncorhynchus mykiss)	
NOEL	10 mg/l	21 day	Invertebrates	

#### More information

Data not available.

### 12.2. Persistence and degradability

The product is not biodegradable.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Other adverse effects

not available

## SECTION 13: Disposal considerations

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

13 01 10 mineral based non-chlorinated hydraulic oils  
15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

#### Packaging waste type code

15 01 02 plastic packaging

## SECTION 14: Transport information

### 14.1. UN number

Not subject to ADR.

### 14.2. UN proper shipping name

not available

### 14.3. Transport hazard class(es)

not available

### 14.4. Packing group

not available

### 14.5. Environmental hazards

not available

### 14.6. Special precautions for user

According to the Water Act, as amended by the Water Act, as amended, it is necessary to comply with the requirements of ČSN 75 3418 for the transport of large volumes.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

They are not intended for bulk transport in accordance with these regulations.

#### Additional information

is not subject to regulations ICAO/IATA

#### Marine transport - IMDG

MFAG

is not subject to regulations MFAG

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of additional standard phrases used in the safety data sheet

EUH 210 Safety data sheet available on request.

### Other important information about human health protection

# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC <sub>50</sub>	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K <sub>ow</sub>	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet



# SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

## oil FORCE Forks and Shocks 10W

Creation date	06. March 2017	Revision no.	1
Revision date		Version	2

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.