

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 May 2023

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Version: 3



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## Fox PTFE infused 5 WT Suspension Fluid

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

#### 1.1. Product identifier

Trade name/designation:

Fox PTFE infused 5 WT Suspension Fluid

Article No.:

025-03-023 / 025-03-023 / 025-03-024

UFI:

5M83-7MT0-Y30D-S7C8

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

Use of the substance/mixture:

Hydraulic (functional) fluids

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

Product Categories [PC]

PC 17: Hydraulic fluids

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

Supplier (manufacturer/importer/only representative/downstream user/distributor):

FOX Factory GmbH

Gewerbepark 6

66989 H hfr schen

Germany

Telephone: +49(0) 6334 92304-0

Telefax: +49(0) 6334 92304-10

E-mail: info@foxracingshox.de

Website: www.ridefox.de

E-mail (competent person): info@foxracingshox.de

#### 1.4. Emergency telephone number

24h: Poison control center Munich +49 89 19240

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Aspiration hazard ( <i>Asp. Tox. 1</i> )                          | H304: May be fatal if swallowed and enters airways.      | On basis of test data.   |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> ) | H412: Harmful to aquatic life with long lasting effects. | Calculation method.      |

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS08

Health hazard

Signal word: Danger

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### Hazard components for labelling:

Distillates (petroleum), hydrotreated light

#### Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

#### Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

### Supplemental hazard information: none

#### Precautionary statements

P102 Keep out of reach of children.

#### Precautionary statements Prevention

P273 Avoid release to the environment.

#### Precautionary statements Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER.

P331 Do NOT induce vomiting.

#### Precautionary statements Disposal

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

### 2.3. Other hazards

#### Adverse physicochemical effects:

No information available.

#### Adverse human health effects and symptoms:

No information available.

#### Adverse environmental effects:

No information available.

#### Other adverse effects:

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers   | Substance name<br>Classification according to Regulation (EC) No. 1272/2008 [CLP]   | Concentration       |
|---|---|---------------------|
| CAS No.: 64742-47-8<br>EC No.: 265-149-8<br>Index No.: 649-422-00-2 | <b>Distillates (petroleum), hydrotreated light</b><br>Asp. Tox. 1 (H304)<br>Danger  | 10 - 20<br>weight-% |
| CAS No.: 9002-84-0  | <b>Polytetrafluorethylen</b><br>The substance is classified as not hazardous according to regulation<br>(EC) No. 1272/2008 [CLP]. | 0 - 1<br>weight-%   |

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### Following inhalation:

Provide fresh air.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

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### After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.  
In case of eye irritation consult an ophthalmologist.

### Following ingestion:

Rinse mouth. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get immediate medical advice/attention.

### Self-protection of the first aider:

Use personal protection equipment.

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

Pneumonia Pulmonary oedema

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Water spray jet alcohol resistant foam Extinguishing powder Carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media:

Water spray jet

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

Combustible

#### Hazardous combustion products:

In case of fire: Gases/vapours, harmful

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Solvents/Thinner

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.

##### Advices on general occupational hygiene

When using do not eat, drink or smoke. Avoid contact with eyes and skin.

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

##### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

##### Requirements for storage rooms and vessels:

Keep/Store only in original container.

**Storage class (TRGS 510, Germany):** 10 - Combustible liquids that cannot be assigned to any of the above storage classes

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

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

| Limit value type<br>(country of<br>origin) | Substance name   | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|--|--|--|
| TRGS 900 (DE)<br>from 30 Nov 2017          | <b>Distillates (petroleum), hydrotreated light</b><br>CAS No.: 64742-47-8<br>EC No.: 265-149-8 | ① 300 mg/m <sup>3</sup><br>② 600 mg/m <sup>3</sup><br>⑤ (C9-C14 Aliphaten)   |
| DFG (DE)<br>from 1 Jul 2015                | <b>Distillates (petroleum), hydrotreated light</b><br>CAS No.: 64742-47-8<br>EC No.: 265-149-8 | ① 5 mg/m <sup>3</sup><br>② 20 mg/m <sup>3</sup><br>⑤ (Aerosol, alveolengängige Fraktion)   |
| DFG (DE)<br>from 1 Jul 2015                | <b>Distillates (petroleum), hydrotreated light</b><br>CAS No.: 64742-47-8<br>EC No.: 265-149-8 | ① 50 ppm (350 mg/m <sup>3</sup> )<br>② 100 ppm (700 mg/m <sup>3</sup> )<br>⑤ (Dampf)   |
| DFG (DE)<br>from 1 Jul 2018                | <b>Polytetrafluorethylen</b><br>CAS No.: 9002-84-0   | ① 4 mg/m <sup>3</sup> multipliziert mit der Materialdichte<br>⑤ (einatembare Fraktion)   |
| DFG (DE)<br>from 1 Jul 2018                | <b>Polytetrafluorethylen</b><br>CAS No.: 9002-84-0   | ① 0.3 mg/m <sup>3</sup> multipliziert mit der Materialdichte<br>② 2.4 mg/m <sup>3</sup> multipliziert mit der Materialdichte<br>⑤ (alveolengängige Fraktion)                   |

##### 8.1.2. Biological limit values

No data available

##### 8.1.3. DNEL-/PNEC-values

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

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### 8.2.2. Personal protection equipment

#### Eye/face protection:

Eye glasses with side protection EN 166

#### Skin protection:

Tested protective gloves must be worn EN ISO 374

Suitable material: NBR (Nitrile rubber)

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Breakthrough times and swelling properties of the material must be taken into consideration.

#### Respiratory protection:

Usually no personal respiratory protection necessary.

In case of inadequate ventilation wear respiratory protection.

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: Liquid

Colour: whitish

Odour: Hydrocarbons, aliphatic

Odour threshold: not determined

#### Safety relevant basis data

| Parameter                                    | Value                 | at °C | ① Method<br>② Remark |
|--|-----------------------|-------|----------------------|
| pH   | not applicable        |       |                      |
| Melting point                                | not determined        |       |                      |
| Freezing point                               | not determined        |       |                      |
| Initial boiling point and boiling range      | not determined        |       |                      |
| Decomposition temperature                    | not determined        |       |                      |
| Flash point                                  | 168 °C                |       |                      |
| Evaporation rate                             | not determined        |       |                      |
| Auto-ignition temperature                    | not determined        |       |                      |
| Upper/lower flammability or explosive limits | not determined        |       |                      |
| Vapour pressure                              | not determined        |       |                      |
| Vapour density                               | not determined        |       |                      |
| Density                                      | 0.85 kg/L             |       |                      |
| Relative density                             | not determined        |       |                      |
| Bulk density                                 | not determined        |       |                      |
| Water solubility                             | practically insoluble |       |                      |
| Partition coefficient: n-octanol/water       | not determined        |       |                      |
| Dynamic viscosity                            | not determined        |       |                      |
| Kinematic viscosity                          | 17 mm²/s              | 40 °C |                      |

### 9.2. Other information

DMSO extract by IP346: <3%

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Combustible

This material is considered to be non-reactive under normal use conditions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

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### 10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.  
No known hazardous reactions.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Acid, concentrated  
Oxidising agent, strong

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.  
Decomposition products in case of fire: see section 5.

## SECTION 11: Toxicological information

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

|  |                     |                   |
|--|---------------------|-------------------|
| <b>Distillates (petroleum), hydrotreated light</b> | CAS No.: 64742-47-8 | EC No.: 265-149-8 |
|--|---------------------|-------------------|

|   |
|---|
| <b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) |
|---|

|  |
|--|
| <b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rabbit) |
|--|

|  |
|--|
| <b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >5.28 mg/L 4 h (Rat) |
|--|

#### Acute oral toxicity:

Based on available data, the classification criteria are not met.

#### Acute dermal toxicity:

Based on available data, the classification criteria are not met.

#### Acute inhalation toxicity:

Based on available data, the classification criteria are not met.

#### 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.

#### STOT-single exposure:

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure:

Based on available data, the classification criteria are not met.

#### Aspiration hazard:

May be fatal if swallowed and enters airways.

#### Additional information:

No data available

### \* 11.2. Information on other hazards

#### Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no component meets the criteria.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

**Distillates (petroleum), hydrotreated light** CAS No.: 64742-47-8 EC No.: 265-149-8

**NOEC:** 0.48 mg/L 21 d (Daphnia magna (Big water flea))

#### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

**Distillates (petroleum), hydrotreated light** CAS No.: 64742-47-8 EC No.: 265-149-8

**Biodegradation:** Yes, rapidly

**Polytetrafluorethylen** CAS No.: 9002-84-0

**Biodegradation:** not applicable

#### Biodegradation:

There are no data available on the mixture itself.

#### 12.3. Bioaccumulative potential

##### Accumulation / Evaluation:

There are no data available on the mixture itself.

No indication of bioaccumulation potential.

#### 12.4. Mobility in soil

There are no data available on the mixture itself.

#### 12.5. Results of PBT and vPvB assessment

**Distillates (petroleum), hydrotreated light** CAS No.: 64742-47-8 EC No.: 265-149-8

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**Polytetrafluorethylen** CAS No.: 9002-84-0

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

#### \* 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

#### 12.7. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### 13.1.1. Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product

|            |   |
|------------|---|
| 13 02 05 * | mineral-based non-chlorinated engine, gear and lubricating oils   |
| 15 02 02 * | absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances |
| 16 03 05 * | organic wastes containing hazardous substances  |

\*: Evidence for disposal must be provided.

##### Waste code packaging

##### Remark:

Non-contaminated packages may be recycled.

Handle contaminated packages in the same way as the substance itself.

##### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

##### Appropriate disposal / Package:

Completely emptied packages can be recycled.

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### SECTION 14: Transport information

| Land transport (ADR/RID)                                   | Inland waterway craft (ADN)                                | Sea transport (IMDG)                                       | Air transport (ICAO-TI / IATA-DGR)                         |
|--|--|--|--|
| <b>14.1. UN number or ID number</b>                        |  |  |  |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| <b>14.2. UN proper shipping name</b>                       |  |  |  |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| <b>14.3. Transport hazard class(es)</b>                    |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.4. Packing group</b>                                 |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.5. Environmental hazards</b>                         |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |
| <b>14.6. Special precautions for user</b>                  |  |  |  |
| not relevant   | not relevant   | not relevant   | not relevant   |

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

No data available

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

###### Restrictions on use:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

###### Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

##### 15.1.2. National regulations

###### [DE] National regulations

###### Störfallverordnung (12. BImSchV)

###### for substances contained in the product:

This product is not assigned to a hazard category.

###### Water hazard class

###### WGK:

1 - slightly hazardous to water

##### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### 16.1. Indication of changes

|       |                                 |
|-------|---------------------------------|
| 1.1.  | Product identifier              |
| 11.2. | Information on other hazards    |
| 12.6. | Endocrine disrupting properties |



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### 16.2. Abbreviations and acronyms

|                  |   |
|------------------|---|
| ADN              | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR              | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| CAS              | Chemical Abstracts Service  |
| CLP              | Classification, Labelling and Packaging   |
| DIN              | German Institute for Standardization / German Industrial Standard                               |
| DNEL             | derived no-effect level   |
| EN               | European Standard   |
| EWC              | European Waste Catalogue  |
| ICAO             | International Civil Aviation Organization   |
| IMDG             | International Maritime Dangerous Goods  |
| IMO              | International Maritime Organization   |
| LC <sub>50</sub> | Lethal (fatal) Concentration 50%  |
| LD <sub>50</sub> | Lethal (fatal) Dose 50%   |
| MAK              | Maximum concentration in the workplace air (CH)   |
| NFPA             | National Fire Protection Association  |
| NOEC             | No Observed Effect Concentration  |
| OSHA             | Occupational Safety & Health Administration   |
| PBT              | persistent and bioaccumulative and toxic  |
| PC               | Product category  |
| PNEC             | Predicted No Effect Concentration   |
| REACH            | Registration, Evaluation and Authorization of Chemicals   |
| RID              | Dangerous goods regulations for transport by rail   |
| TRGS             | Technische Regeln für Gefahrstoffe  |
| UN               | United Nations  |
| ZNS              | central nervous system  |

### 16.3. Key literature references and sources for data

REACH Dissemination Portal

<https://echa.europa.eu/de/information-on-chemicals/registered-substances>

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

| Hazard classes and hazard categories                              | Hazard statements  | Classification procedure |
|---|--|--------------------------|
| Aspiration hazard ( <i>Asp. Tox. 1</i> )                          | H304: May be fatal if swallowed and enters airways.      | On basis of test data.   |
| Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> ) | H412: Harmful to aquatic life with long lasting effects. | Calculation method.      |

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

| Hazard statements |   |
|-------------------|---|
| H304              | May be fatal if swallowed and enters airways. |

### 16.6. Training advice

No data available

### 16.7. Additional information

This Safety Data Sheet was drawn up by TÜV SÜD Industrie Service GmbH (see below), based on data from the supplier, who is named in section 1 and who is responsible for this document.

TÜV SÜD Industrie Service GmbH  
Department Environmental Service  
Westendstraße 199  
80686 Munich - Germany

\* Data changed compared with the previous version.