

SAFETY DATA SHEET

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

Revision date: 23-May-2019

Print date: 24-May-2019

Version: 1

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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

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

Eckstrasse 18

66976 Rodalben

Germany

Telephone: +49(0) 6331 14983-0

Telefax: +49(0) 6331 14983-10

E-mail: info@foxracingshox.de

Website: www.ridefox.de

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

1.4. Emergency telephone number

24h: Antipoison 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

Hazard components for labelling:

Distillates (petroleum), hydrotreated light

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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 (EU): -

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

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 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.

After 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 (CO₂)

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 (e.g. 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: 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 (country of origin) | Substance name | ① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark |
|--------------------------------------|---|--|
| DFG (DE) | Distillates (petroleum), hydro treated light CAS No.: 64742-47-8 | ① 5 mg/m ³ ② 20 mg/m ³ ⑤ (Aerosol, alveolengängige Fraktion) |
| DFG (DE) | Distillates (petroleum), hydro treated light CAS No.: 64742-47-8 | ① 50 ppm (350 mg/m ³) ② 100 ppm (700 mg/m ³) ⑤ Dampf |
| DFG (DE) | Polytetrafluorethylen CAS No.: 9002-84-0 | ① 4 mg/m ³ multipliziert mit der Materialdichte ⑤ (einatembare Fraktion) |
| DFG (DE) | Polytetrafluorethylen CAS No.: 9002-84-0 | ① 0.3 mg/m ³ multipliziert mit der Materialdichte ② 2.4 mg/m ³ multipliziert mit der Materialdichte 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

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection DIN EN 166

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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 | | at °C | Method | Remark |
|--|--|-------|--------|--------|
| pH | <i>not applicable</i> | | | |
| Melting point | <i>not determined</i> | | | |
| Freezing point | <i>not determined</i> | | | |
| Initial boiling point and boiling range | <i>not determined</i> | | | |
| Decomposition temperature | <i>not determined</i> | | | |
| Flash point | 168 °C | | | |
| Evaporation rate | <i>not determined</i> | | | |
| Auto-ignition temperature | <i>not determined</i> | | | |
| Upper/lower flammability or explosive limits | <i>not determined</i> | | | |
| Vapour pressure | <i>not determined</i> | | | |
| Vapour density | <i>not determined</i> | | | |
| Density | 0.85 kg/l | | | |
| Bulk density | <i>not determined</i> | | | |
| Water solubility | The study does not need to be conducted because the substance is known to be insoluble in water. | | | |
| Partition coefficient: n-octanol/ water | <i>not determined</i> | | | |
| Dynamic viscosity | <i>not determined</i> | | | |
| Kinematic viscosity | 17 mm ² /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 toxicological effects

| CAS No. | Substance name | Toxicological information |
|------------|---|--|
| 64742-47-8 | Distillates (petroleum), hydrotreated light | LD₅₀ oral: >5,000 mg/kg (Rat) LD₅₀ dermal: >2,000 mg/kg (Rabbit) LC₅₀ Acute inhalation toxicity (dust/mist): >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

SECTION 12: Ecological information

12.1. Toxicity

| CAS No. | Substance name | Toxicological information |
|------------|---|--|
| 64742-47-8 | Distillates (petroleum), hydrotreated light | NOEC: 0.48 mg/l 21 d (Daphnia magna (Big water flea)) |

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Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

| CAS No. | Substance name | Biodegradation | Remark |
|------------|---|----------------|--------|
| 64742-47-8 | Distillates (petroleum), hydrotreated light | Yes, rapidly | |
| 9002-84-0 | Polytetrafluorethylen | 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

| CAS No. | Substance name | Results of PBT and vPvB assessment |
|------------|---|--|
| 64742-47-8 | Distillates (petroleum), hydrotreated light | The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. |
| 9002-84-0 | Polytetrafluorethylen | The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII. |

12.6. 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:

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

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

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| Land transport (ADR/RID) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) | |
|--|--|--|--|
| 14.1. UN-No. | | | |
| 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. | |
| 14.2. UN proper shipping name | | | |
| 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. | |
| 14.3. Transport hazard class(es) | | | |
| not relevant | | | |
| 14.4. Packing group | | | |
| not relevant | | | |
| 14.5. Environmental hazards | | | |
| not relevant | | | |
| 14.6. Special precautions for user | | | |
| not relevant | | | |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not relevant

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 juvenils 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

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class (WGK)

WGK:

1 - schwach wassergefährdend

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

No data available

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16.2. Abbreviations and acronyms

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

-ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route)

-CAS: Chemical Abstract Service

-CLP: Classification, labelling and Packaging

-DNEL: Derived No Effect Level

-EC50: Effective Concentration 50%

-ECHA: European Chemical Agency

-LC50: Lethal Concentration 50%

-LD50: Lethal Dose 50%

-PBT: persistent, bioaccumulative, toxic

-PNEC: Predicted No Effect Concentration

-REACH: Registration, Evaluation and Authorization of Chemicals

-SVHC: Substance of Very High Concern

-VOC: Volatile organic compounds

-vPvB: very persistent, very bioaccumulative

16.3. Key literature references and sources for data

REACH Dissemination Portal

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

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. |

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

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