

# SAFETY DATA SHEET

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

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## Fox R3 High Performance Suspension Fluid 5WT ISO 15 Formula

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

#### 1.1. Product identifier

Trade name/designation:

Fox R3 High Performance Suspension Fluid 5WT ISO 15 Formula

Article No.:

025-06-007

UFI:

VV83-RMV6-V30V-R83F

#### 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.

#### 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 heavy paraffinic; Distillates (petroleum), hydrotreated light paraffinic

#### Hazard statements for health hazards

H304	May be fatal if swallowed and enters airways.
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### Supplemental hazard information: none

#### Precautionary statements

P102	Keep out of reach of children.
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#### Precautionary statements Response

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER.
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P331	Do NOT induce vomiting.
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#### Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
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### \* 2.3. Other hazards

#### Adverse physicochemical effects:

No further relevant information available.

#### Adverse human health effects and symptoms:

No further relevant information available.

#### Adverse environmental effects:

The mixture contains  $\geq 0.1$  % substances meeting the PBT criteria according to Regulation (EC) No 1907/2006, Annex XIII. See SECTION 3 in this safety data sheet.

#### Other adverse effects:

No further relevant 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.: 64742-54-7 EC No.: 265-157-1	<b>Distillates (petroleum), hydrotreated heavy paraffinic</b> Asp. Tox. 1 (H304) Danger	40 - < 50 weight-%
CAS No.: 64742-55-8 EC No.: 265-158-7	<b>Distillates (petroleum), hydrotreated light paraffinic</b> Asp. Tox. 1 (H304) Danger	40 - < 50 weight-%
CAS No.: 128-39-2 EC No.: 204-884-0	<b>2,6-di-tert-butylphenol</b> Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Irrit. 2 (H315) Warning M-factor (acute): 1 M-factor (chronic): 1	0.1 - < 1 weight-%
CAS No.: 255881-94-8 EC No.: 401-850-9 Index No.: 015-146-00-0	<b>S-(tricyclo[5.2.1.0 2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl)phosphorodithioate</b> <i>Candidate List of Substances of Very High Concern for Authorisation!</i> Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410) Warning	0.1 - < 1 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.

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### 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.

### After eye contact:

In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

### 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

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### 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.

## 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.

#### Packaging materials:

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

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 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

**Odour:** Petroleum

**Colour:** amber

**Odour threshold:** not determined

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### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	not applicable		
Melting point	not applicable		
Freezing point	not determined		
Initial boiling point and boiling range	> 232 °C		② estimated
Decomposition temperature	not determined		
Flash point	125 °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	0.837 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	14 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.

### 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

Oxidising agent, strong

Reducing 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

#### 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.

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### 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.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>2,6-di-tert-butylphenol</b> CAS No.: 128-39-2 EC No.: 204-884-0
<b>EC<sub>50</sub>:</b> 0.45 mg/L 2 d (crustaceans)
<b>NOEC:</b> 0.035 mg/L 21 d (crustaceans)
<b>S-(tricyclo[5.2.1.0 2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl)phosphorodithioate</b> CAS No.: 255881-94-8 EC No.: 401-850-9
<b>NOEC:</b> 0.002 mg/L 21 d (crustaceans)

#### Assessment/classification:

There are no data available on the mixture itself.

### 12.2. Persistence and degradability

<b>Distillates (petroleum), hydrotreated heavy paraffinic</b> CAS No.: 64742-54-7 EC No.: 265-157-1
<b>Biodegradation:</b> Yes, slowly
<b>Distillates (petroleum), hydrotreated light paraffinic</b> CAS No.: 64742-55-8 EC No.: 265-158-7
<b>Biodegradation:</b> Yes, slowly
<b>2,6-di-tert-butylphenol</b> CAS No.: 128-39-2 EC No.: 204-884-0
<b>Biodegradation:</b> Yes, slowly
<b>S-(tricyclo[5.2.1.0 2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl)phosphorodithioate</b> CAS No.: 255881-94-8 EC No.: 401-850-9
<b>Biodegradation:</b> Yes, slowly

#### Biodegradation:

There are no data available on the mixture itself.

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### 12.3. Bioaccumulative potential

**2,6-di-tert-butylphenol** CAS No.: 128-39-2 EC No.: 204-884-0

Log K<sub>OW</sub>: 4.5

Bioconcentration factor (BCF): 660

#### Bioconcentration factor (BCF):

There are no data available on the mixture itself.

### 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 heavy paraffinic** CAS No.: 64742-54-7 EC No.: 265-157-1

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

**Distillates (petroleum), hydrotreated light paraffinic** CAS No.: 64742-55-8 EC No.: 265-158-7

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

**2,6-di-tert-butylphenol** CAS No.: 128-39-2 EC No.: 204-884-0

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

**S-(tricyclo[5.2.1.0 2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl)phosphorodithioate** CAS No.: 255881-94-8 EC No.: 401-850-9

**Results of PBT and vPvB assessment:** PBT-substance.

### \* 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of waste according to applicable legislation.

Recommended list for waste code/waste designation according to AVV:

#### 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 treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## 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.



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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<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:

3 - highly 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
2.3.	Other hazards
11.2.	Information on other hazards
12.5.	Results of PBT and vPvB assessment
12.6.	Endocrine disrupting properties

### 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
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
EC <sub>50</sub>	Effective Concentration 50%



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EN	European Standard
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
NFPA	National Fire Protection Association
NOEC	No Observed Effect Concentration
PBT	persistent and bioaccumulative and toxic
PC	Product category
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

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

HAZARD ASSESSMENT OUTCOME DOCUMENT for 2,6-di-tert-butylphenol

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.

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

Hazard statements	
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 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.