

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 1/9

FOX Fork Lubricating Oil / 20 WT GOLD

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

1.1. Product identifier

Trade name/designation:

FOX Fork Lubricating Oil / 20 WT GOLD

Article No.:

025-03-071, 025-03-072, 025-03-073

UFI:

DJ83-RM3M-N30V-3VS6

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

Relevant identified uses:

Life cycle stage [LCS]

PW: Widespread use by professional workers

C: Consumer use

Product Categories [PC]

PC 24: Lubricants, greases, release products

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
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.

2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark

Signal word: Warning

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 2/9

FOX Fork Lubricating Oil / 20 WT GOLD

Hazard components for labelling:

μ 3-thio-1,2:1,3:2,3-tris(μ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate

Hazard statements for health hazards

H317 May cause an allergic skin reaction.

Precautionary statements

P102 Keep out of reach of children.

Precautionary statements Prevention

P280 Wear protective gloves.

Precautionary statements Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements Disposal

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

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:

No further relevant information available.

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
EC No.: 457-320-2	μ 3-thio-1,2:1,3:2,3-tris(μ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate Aquatic Chronic 3 (H412), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) 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.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap.

Take off immediately all contaminated clothing.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist.

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 3/9

FOX Fork Lubricating Oil / 20 WT GOLD

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell.

Self-protection of the first aider:

Use personal protection equipment.

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

Allergic reactions

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:

Full water jet

5.2. Special hazards arising from the substance or mixture

Combustible

Hazardous combustion products:

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.

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).

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 4/9

FOX Fork Lubricating Oil / 20 WT GOLD

Fire prevent measures:

Take precautionary measures against static discharge.
Keep away from sources of ignition - No smoking.
Do not use above following temperatures:: 60°C

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

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)
Breakthrough time: 480 min
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:

Respiratory protection necessary at: insufficient ventilation
Filtering device with filter or ventilator filtering device of type: A

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: dark brown

Odour: Hydrocarbons, aliphatic

Odour threshold: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② 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	228 °C		
Evaporation rate	<i>not determined</i>		

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 5/9

FOX Fork Lubricating Oil / 20 WT GOLD

Parameter	Value	at °C	① Method ② Remark
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	<i>not determined</i>		
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	Immiscible		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	<i>not determined</i>		
Kinematic viscosity	100 cSt	40 °C	② (= 100 mm ² /s)

9.2. Other information

Soluble in hydrocarbons.

DMSO extract by IP346: <3,0%

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 stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.
contamination

10.5. Incompatible materials

Oxidising agent, strong

Acid, concentrated

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

μ3-thio-1,2:1,3:2,3-tris(μ-disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate EC No.: 457-320-2

LD₅₀ oral: >2,000 mg/kg

LD₅₀ dermal: >2,000 mg/kg

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.

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 6/9

FOX Fork Lubricating Oil / 20 WT GOLD

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

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:

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

Additional information:

No data available

* 11.2. Information on other hazards

Endocrine disrupting properties:

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1. Toxicity

μ 3-thio-1,2:1,3:2,3-tris(μ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate EC No.: 457-320-2

NOEC: =95 mg/L

Aquatic toxicity:

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

Assessment/classification:

No further relevant information available.

12.2. Persistence and degradability

μ 3-thio-1,2:1,3:2,3-tris(μ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate EC No.: 457-320-2

Biodegradation: Yes, slowly

Biodegradation:

No further relevant information available.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

μ 3-thio-1,2:1,3:2,3-tris(μ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)-triangulo-trimolybdenum(IV)dialkyldithiocarbamate EC No.: 457-320-2

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 substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No data available

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 7/9

FOX Fork Lubricating Oil / 20 WT GOLD

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 treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Handle contaminated packages in the same way as the substance itself.
Completely emptied packages can be recycled.

SECTION 14: Transport information

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

According to directive 94/33/EC, juveniles are only allowed to handle this product as long as all effects of dangerous substances are prevented.

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

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 8/9

FOX Fork Lubricating Oil / 20 WT GOLD

15.1.2. National regulations

 [DE] National regulations

Water hazard class

WGK:

2 - obviously hazardous to water

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been 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

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
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
EN	European Standard
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LD ₅₀	Lethal (fatal) Dose 50%
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

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
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.

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

Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H412	Harmful 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.

SAFETY DATA SHEET

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

Revision date: 9 May 2023

Print date: 9 May 2023

Version: 3



Page 9/9

FOX Fork Lubricating Oil / 20 WT GOLD

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

* Data changed compared with the previous version.