# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

### 1.1 Product identifier

**Product name:** Racing Dynamic GABELOEL 7,5W

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

**Identified uses:** Hydraulic fluid

**Uses advised against:** No uses advised against identified.

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

**Manufacturer / Supplier**
FUCHS LUBRICANTS GERMANY GmbH
Friesenheimer Str. 19
68169 Mannheim
Telephone: +49 621 3701-0 (ZENTRALE)
Fax: +49 621 3701-570

**Contact for request of safety data sheets**

E-mail: Automotive lubricants CS.Services-FLG@fuchs.com
Industrial lubricants
Telephone: +49 621 3701-0 (ZENTRALE)

**Informing department for safety data sheets**

E-mail: produktsicherheit-FLG@fuchs.com

### 1.4 Emergency telephone number:

+49 621 3701-0 (Mo - Fr 08:00 - 16:00 Uhr)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

**Environmental Hazards**

| | | |
|---|---|---|
| Chronic hazards to the aquatic environment | Category 3 | H412: Harmful to aquatic life with long lasting effects. |

**Hazard summary**

**Physical Hazards:** No data available.

### 2.2 Label Elements

**Hazard Statement(s):** H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention:** P273: Avoid release to the environment.

**Disposal:** P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Supplemental label information**

EUH208: Contains: organic Polysulphide, Tolutriazole derivative. May produce an allergic reaction.

**2.3 Information on other hazards**

By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

**Endocrine disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** Mixture containing severely refined base oils and additives.

| Chemical name | Identifier | Concentration * | REACH Registration No. | Notes |
|---|---|---|---|---|
| organic Polysulphide | EINECS: 224-226-6 | 0,10% - <0,25% | 01-2119540515-43 | |
| Phenolic antioxidant agent | EINECS: 204-884-0 | 0,10% - <0,25% | 01-2119490822-33 | |
| Tolutriazole derivative | EINECS: 939-700-4 | 0,10% - <1,00% | 01-2119982395-25 | |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

**Classification**

| Chemical name | Identifier | Classification | |
|---|---|---|---|
| organic Polysulphide | EINECS: 224-226-6 | CLP: | Aquatic Acute 1;H400, Aquatic Chronic 1;H410, Skin Sens. 1B;H317 |
| Phenolic antioxidant agent | EINECS: 204-884-0 | CLP: | Aquatic Acute 1;H400, Aquatic Chronic 1;H410, Skin Irrit. 2;H315 |
| Tolutriazole derivative | EINECS: 939-700-4 | CLP: | Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Acute 1;H400, Aquatic Chronic 2;H411 |

CLP: Regulation No. 1272/2008.

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Nota L/ Nota N of Annex VI of Regulation EC 1272/2008."

## SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

**4.1 Description of first aid measures**

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause skin and eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media**

**Suitable extinguishing media:** $CO_2$, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighters**

**Special fire-fighting procedures:** Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water inaccordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:** In case of spills, beware of slippery floors and surfaces.

**6.2 Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers). Environmental manager must be informed of all major spillages. Do not allow to enter drainage system, surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

## SECTION 7: Handling and storage:

**7.1 Precautions for safe handling:** Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.

**7.2 Conditions for safe storage, including any incompatibilities:** Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.

**7.3 Specific end use(s):** Not applicable

**Storage Class:** 10, Combustible liquids

## SECTION 8: Exposure controls/personal protection

**8.1 Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**8.2 Exposure controls**

**Appropriate engineering controls:** Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**General information:** Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to inhandling the chemicals or the mineral oil products.

**Eye/face protection:** Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.

**Skin protection**

**Hand Protection:** Material: Nitrile butyl rubber (NBR).
Min. Breakthrough time: >= 480 min
Recommended thickness of the material: >= 0,38 mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:** Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:** Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

**Thermal hazards:** Not known.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental Controls:** No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | |
| **Physical state:** | liquid |
| **Form:** | liquid |
| **Color:** | Pale yellow |
| **Odor:** | Characteristic |
| **pH:** | substance/mixture is non-soluble (in water) |
| **Freezing point:** | not determined |
| **Boiling Point:** | not determined |
| **Flash Point:** | 223 °C |
| **Evaporation Rate:** | Not applicable for mixtures |
| **Flammability (solid, gas):** | not determined |
| **Explosion Limit - Upper (%):** | Not applicable for mixtures |
| **Explosion Limit - Lower (%):** | Not applicable for mixtures |
| **Vapor pressure:** | Not applicable for mixtures |
| **Relative vapor density:** | Not applicable for mixtures |
| **Density:** | 0,87 g/ml (15,00 °C) |
| **Solubility(ies)** | |
| **Solubility in Water:** | Insoluble in water |
| **Solubility (other):** | No data available. |
| **Partition coefficient (n-octanol/water):** | Not applicable for mixtures |
| **Auto-ignition temperature:** | not determined |

| | |
|---|---|
| **Decomposition Temperature:** | not determined |
| **Kinematic viscosity:** | 32 mm2/s (40 °C) |
| **Explosive properties:** | Value not relevant for classification |
| **Oxidizing properties:** | Value not relevant for classification |
| **Particle characteristics:** | Not applicable |
| **9.2 Other information** | No data available. |

## SECTION 10: Stability and reactivity

| | |
|---|---|
| **10.1 Reactivity:** | Stable under normal use conditions. |
| **10.2 Chemical Stability:** | Stable under normal use conditions. |
| **10.3 Possibility of hazardous reactions:** | Stable under normal use conditions. |
| **10.4 Conditions to avoid:** | Stable under normal use conditions. |
| **10.5 Incompatible Materials:** | Strong oxidizing substances. Strong acids. Strong bases. |
| **10.6 Hazardous Decomposition Products:** | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

## SECTION 11: Toxicological information

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

**Acute toxicity**

**Oral**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |

**Specified substance(s)**

| | |
|---|---|
| Phenolic antioxidant agent | LD 50 (Rat): 8.697 mg/kg<br>LD 50 (Rat): > 5.001 mg/kg |
| Tolutriazole derivative | LD 50 (Rat, Female, Male): 3.313 mg/kg (OECD 401) |

**Dermal**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |

**Specified substance(s)**

| | |
|---|---|
| Phenolic antioxidant agent | LD 50 (Rabbit): > 10.000 mg/kg |

**Inhalation**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |

**Skin Corrosion/Irritation:**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Tolutriazole derivative | (Rabbit):<br>Irritating. |

**Serious Eye Damage/Eye Irritation:**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Tolutriazole derivative | OECD 405 (Rabbit):<br>Not irritant. |

**Respiratory or Skin Sensitization:**

| | |
|---|---|
| **Product:** | Skin sensitizer: Based on available data, the classification criteria are not met.<br>Respiratory sensitizer: Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| organic Polysulphide | , OECD 406-1 (Guinea Pig)<br>May cause an allergic skin reaction. |
| Tolutriazole derivative | , OECD 406-1 (Guinea Pig)<br>sensitizing |

**Germ Cell Mutagenicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Carcinogenicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Reproductive toxicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Specific Target Organ Toxicity - Single Exposure**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Specific Target Organ Toxicity - Repeated Exposure**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Aspiration Hazard**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**11.2 Information on other hazards**

**Endocrine disrupting properties**

| | |
|---|---|
| **Product:** | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |

## SECTION 12: Ecological information

**General information:** Not applicable Not applicable

### 12.1 Toxicity

**Acute toxicity**

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

**Fish**

**Specified substance(s)**

| | |
|---|---|
| Phenolic antioxidant agent | LC 50 (Fish, 96 h): 0,11 mg/l |
| Tolutriazole derivative | LC 50 (Fish, 96 h): 1,3 mg/l (OECD 203) |

**Aquatic Invertebrates**

**Specified substance(s)**

| | |
|---|---|
| organic Polysulphide | EC 50 (48 h): 0,24 mg/l (OECD 202) |
| Phenolic antioxidant agent | EC 50 (Water Flea, 48 h): 0,45 mg/l |
| Tolutriazole derivative | EC 50 (Water Flea, 48 h): 2,05 mg/l (OECD 202) |

**Chronic ToxicityProduct:** Based on available data, the classification criteria are met.

**Toxicity to Aquatic Plants**

**Specified substance(s)**

| | |
|---|---|
| organic Polysulphide | NOEC : 0,04 mg/l (OECD 201) |
| Phenolic antioxidant agent | EC 50 (Alga, 72 h): 3,6 mg/l |
| Tolutriazole derivative | EC 50 (Alga, 72 h): 0,976 mg/l (OECD 201) |

### 12.2 Persistence and Degradability

**Biodegradation**

**Product:** Not applicable for mixtures

**Specified substance(s)**

| | |
|---|---|
| organic Polysulphide | 13 % (28 d, OECD 301B) Not readily degradable. |
| Tolutriazole derivative | Not readily degradable. |

### 12.3 Bioaccumulative potential

**Product:** Not applicable for mixtures

### 12.4 Mobility in soil:

**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:** The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Endocrine disrupting properties**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects:** Harmful to aquatic life with long lasting effects.

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**European Waste Codes**

13 01 10*: mineral based non-chlorinated hydraulic oils

## SECTION 14: Transport information

**ADR/RID**

14.1 UN number or ID number: –
14.2 UN Proper Shipping Name: –
14.3 Transport Hazard Class(es)
Class: Non-dangerous goods
Label(s): –
Hazard No. (ADR): –
Tunnel restriction code: –
14.4 Packing Group: –
14.5 Environmental hazards: –
14.6 Special precautions for user: –

**IMDG**

14.1 UN number or ID number: –
14.2 UN Proper Shipping Name: –
14.3 Transport Hazard Class(es)
Class: Non-dangerous goods
Label(s): –
EmS No.: –
14.3 Packing Group: –
14.5 Environmental hazards: –
14.6 Special precautions for user: –

**IATA**

| | |
|---|---|
| 14.1 UN number or ID number: | – |
| 14.2 Proper Shipping Name: | – |
| 14.3 Transport Hazard Class(es): | |
| Class: | Non-dangerous goods |
| Label(s): | – |
| 14.4 Packing Group: | – |
| 14.5 Environmental hazards: | – |
| 14.6 Special precautions for user: | – |

**14.7 Maritime transport in bulk according to IMO instruments**: Not applicable.

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

**EU. Regulation 2024/590/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** none

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**National Regulations**

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**DIRECTIVE 2012/18/EU (SEVESO III) on the control of major-accident hazards involving dangerous substances**

Not applicable

## SECTION 16: Other information

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

| | |
|---|---|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

**Other information:** The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: - On the basis of test data - Calculation Method - Bridging Principle "Substantially simi-

lar mixtures" - Expert Judgement

**Revision Date:** 31.05.2024

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.