**Safety Data Sheet**

**GEAR OIL - RACING SAE 75W-90**

Safety Data Sheet dated: 06/07/2022 - version 1

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

### 1.1. Product identifier

Mixture identification:

Trade name: GEAR OIL - RACING SAE 75W-90

Trade code: 3095.23

Registration Number N/A

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

Recommended use: Lubricant

Uses advised against: N.A.

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

Company: STREETBUZZ DISTRIBUTION GMBH
Brachalmeth 4
66271 Kleinblittersdorf - Deutschland
+49(0)6805 2063388
info@streetbuzz.com

### 1.4. Emergency telephone number

Streetbuzz Distribution GMBH, Brachalmeth 4, 66271
Kleinblittersdorf - Deutschland - +49(0)6805 2063388
info@streetbuzz.com (Mon-Fri 10-12 / 14-16)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Regulation (EC) n. 1272/2008 (CLP)**

No specific hazards are encountered under normal product use.

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

**Contains**

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, c12-14-tert-alkyl

Polysulfides, di-tert-butyl

**Special provisions according to Annex XVII of REACH and subsequent amendments:**

Restricted to professional users.

### 2.3. Other hazards

No PBT Ingredients are present

Other Hazards: No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Mixture identification: GEAR OIL - RACING SAE 75W-90

**Hazardous components within the meaning of the CLP regulation and related classification:**

| Qty | Name | Ident. Numb. | Classification | Registration Number |
|---|---|---|---|---|
| 50-75 % | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified | CAS:72623-87-1 EC:276-738-4 Index:649-483-00-5 | DECLL(*) | 01- 2119474889-13 |
| 3-5 % | Polysulfides, di-tert-butyl | EC:273-103-3 | Aquatic Chronic 3, H412 Skin Sens. 1B, H317<br><br>Specific Concentration Limits: C ≥ 46%: Skin Sens. 1B H317 | 01-2119540515-43 |
| 1.5-2 % | Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, c12-14- tert-alkyl | EC:931-384-6 | Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 2, H411; Skin Sens. 1B, H317 | 01-2119493620-38 |
| 0.25-0.5 % | MAGNESIUM METABORATE | CAS:13703-82-7 EC:237-235-5 | Skin Sens. 1B, H317 | 01-2120769073- 53 |

(*)DECLL Substance classified in accordance with Note L, Annex VI of EC Regulation (EC) 1272/2008.

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

The symptoms and the most important effects are in section 11.

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

Treatment: Treat symptomatically. Contact poison center or doctor immediately if large quantities have been ingested or inhaled.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide ($CO_2$).

Extinguishing media which must not be used for safety reasons:

Do not use direct water jets. Use water jets just to cool down surfaces exposed to fire.

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

## SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

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

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

### 6.4. Reference to other sections

See also section 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

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

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Community Occupational Exposure Limits (OEL)**

| Component | OEL Type | Country | Ceiling | Long Term mg/m3 | Long Term ppm | Short Term mg/m3 | Short Term ppm | Behaviour | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified | ACGIH | | | 5,000 | | 10,000 | | | |

**Predicted No Effect Concentration (PNEC) values**

| Component | CAS-No. | PNEC LIMIT | Exposure Route | Exposure Frequency | Remark |
|---|---|---|---|---|---|

| | | |
|---|---|---|
| Polysulfides, di-tert-butyl | 0,018 mg/kg | Soil |
| | 0,024 mg/m3 | Water |

**Derived No Effect Level (DNEL) values**

| Component | CAS-No. | Worker Industry | Worker Professional | Consumer | Exposure Route | Exposure Frequency Remark |
|---|---|---|---|---|---|---|
| Polysulfides, di-tert-butyl | | | 4,670 mg/kg | 1,670 mg/kg | Human Dermal | Long Term, systemic effects |
| | | | 3,290 mg/m3 | 0,580 mg/m3 | Human Inhalation | Long Term, systemic effects |

**8.2. Exposure controls**

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

Not necessary under normal conditions of use. Use masks with filters for organic vapors if exposure limits are exceeded.

Thermal Hazards:

N.A.

Environmental exposure controls:

N.A.

Hygienic and Technical measures

N.A.

## SECTION 9: Physical and chemical properties

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

Physical State Liquid
Appearance and colour: amber
Odour: N.A.
Odour threshold: N.A.
pH: N.A.
Melting point / freezing point: -43.00 °C ( ASTM D97 )
Initial boiling point and boiling range: N.A.
Flash point: 190°C ( ASTM D92 )
Evaporation rate: N.A.
Upper/lower flammability or explosive limits: N.A.
Vapour density: N.A.
Vapour pressure: N.A.
Relative density: 0.88 kg/l ( 15°C - ASTM D1298 )
Solubility in water: Insoluble
Solubility in oil: Soluble
Partition coefficient (n-octanol/water): N.A.
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Viscosity: N.A.
Viscosity: 109.00 cSt ( 40°C - ASTM D445 )
Explosive properties: N.A.
Oxidizing properties: N.A.
Solid/gas flammability: N.A.

Volatile Organic compounds - VOCs = N.A.

**9.2. Other information**

Substance Groups relevant properties N.A.

Miscibility: N.A.

Conductivity: N.A.

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Stable under normal conditions

**10.2. Chemical stability**

Data not Available.

**10.3. Possibility of hazardous reactions**

None.

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None in particular.

**10.6. Hazardous decomposition products**

None.

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Toxicological Information of the Preparation**

| | |
|---|---|
| a) acute toxicity | not classified |
| | Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation | not classified |
| | Based on available data, the classification criteria are not met |
| c) serious eye damage/irritation | not classified |
| | Based on available data, the classification criteria are not met |
| d) respiratory or skin sensitisation | not classified |
| | Based on available data, the classification criteria are not met |
| e) germ cell mutagenicity | not classified |
| | Based on available data, the classification criteria are not met |
| f) carcinogenicity | not classified |
| | Based on available data, the classification criteria are not met |
| g) reproductive toxicity | not classified |
| | Based on available data, the classification criteria are not met |
| h) STOT-single exposure | not classified |
| | Based on available data, the classification criteria are not met |
| i) STOT-repeated exposure | not classified |
| | Based on available data, the classification criteria are not met |
| j) aspiration hazard | not classified |
| | Based on available data, the classification criteria are not met |

**Toxicological information on main components of the mixture:**

| | | |
|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified | a) acute toxicity | LD50 Oral Rat > 5000,00000 mg/kg |

| | | |
|---|---|---|
| | | LD50 Skin Rabbit > 2000,00000 mg/kg<br>LC50 Inhalation Rat > 5,53000 mg/kg 4h |
| Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, c12-14- tert-alkyl | a) acute toxicity | LD50 Oral Rat 2000,00000 mg/kg |

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

**List of Eco-Toxicological properties of the product**

Not classified for environmental hazards.

No data available for the product

**List of Eco-Toxicological properties of the components**

| Component | Ident. Numb. | Ecotox Data |
|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified | CAS: 72623-87-1 - EINECS: 276-738-4 - INDEX: 649-483-00-5 | a) Aquatic acute toxicity : LL50 Fish > 100,00000 mg/L |
| Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, c12-14- tert-alkyl | EINECS: 931-384-6 | e) Plant toxicity : EL50 Algae Selenastrum capricornutum > 15,00000 mg/L 96h |
| | | e) Plant toxicity : EL50 Daphnia Daphnia magna 91,40000 mg/L 48h |
| | | a) Aquatic acute toxicity : LL50 Fish Oncorhynchus mykiss 24,00000 mg/L 96h |

### 12.2. Persistence and degradability

N.A.

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

No PBT Ingredients are present

### 12.6. Other adverse effects

N.A.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

## SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

**14.1. UN number**

N.A.

**14.2. UN proper shipping name**

N.A.

**14.3. Transport hazard class(es)**

N.A.

**14.4. Packing group**

N.A.

**14.5. Environmental hazards**

N.A.

**14.6. Special precautions for user**

N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

N.A.

## SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) 2015/830

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 3

Restrictions related to the substances contained: 28

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

German Water Hazard Class.

Class 3: extremely hazardous.

SVHC Substances:

No Data Available

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out for the mixture.

## SECTION 16: Other information

| Code | Description |
|---|---|
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

| Code | Hazard class and hazard category | Description |
|---|---|---|
| 3.1/4/Oral | Acute Tox. 4 | Acute toxicity (oral), Category 4 |
| 3.3/1 | Eye Dam. 1 | Serious eye damage, Category 1 |
| 3.4.2/1B | Skin Sens. 1B | Skin Sensitisation, Category 1B |
| 4.1/C2 | Aquatic Chronic 2 | Chronic (long term) aquatic hazard, category 2 |
| 4.1/C3 | Aquatic Chronic 3 | Chronic (long term) aquatic hazard, category 3 |

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: KAFH
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.