

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

HIGHTEC Racing Gear Oil SAE 75W-90

UFI: 32VC-2QGM-100T-S343

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

Gear oil

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|-------------------------|-------------------------------|
| Company name: | ROWE Mineralölwerk GmbH | |
| Street: | Langgewann 101 | |
| Place: | D-67547 Worms | |
| Telephone: | +49 (0)6241 5906-0 | Telefax: +49 (0)6241 5906-999 |
| e-mail: | info@rowe-oil.com | |
| Internet: | www.rowe-oil.com | |
| Responsible Department: | sdb@rowe-oil.com | |

1.4. Emergency telephone number: Giftnotruf Mainz (DE; E) +49 (0)6131-19240**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 4

Hazard Statements:

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause long lasting harmful effects to aquatic life.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Distillates (petroleum), heavy paraffinic, hydrotreated

Polysulfides, di-tert-Bu

Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched)

Magnesium metaborate

Signal word: Danger**Pictograms:****Hazard statements**

| | |
|------|---|
| H319 | Causes serious eye irritation. |
| H317 | May cause an allergic skin reaction. |
| H413 | May cause long lasting harmful effects to aquatic life. |

Precautionary statements

| | |
|------|---|
| P103 | Read carefully and follow all instructions. |
|------|---|

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 2 of 10

| | |
|----------------|--|
| P264 | Wash hands thoroughly after handling. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P501 | Dispose of contents/container to of the disposal according to local regulations. |

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Hazardous components

| CAS No | Chemical name | Quantity |
|-------------|--|------------------|
| | EC No | Index No |
| | REACH No | |
| | GHS Classification | |
| 151006-62-1 | Hexatriacontan, branched | 30 - < 60 % |
| | 417-070-7 | 601-064-00-8 |
| | 01-0000016388-62 | |
| | Aquatic Chronic 4; H413 | |
| 64742-54-7 | Distillates (petroleum), heavy paraffinic, hydrotreated | 5 - < 15 % |
| | 265-157-1 | 01-2119484627-25 |
| | Asp. Tox. 1; H304 | |
| 68937-96-2 | Polysulfides, di-tert-Bu | 2.5 - < 5 % |
| | 273-103-3 | 01-2119540515-43 |
| | Skin Sens. 1B, Aquatic Chronic 3; H317 H412 | |
| | 2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with eicosyl 2-methyl-2-propenoate, hexadecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, pentadecyl 2-methyl-2-propenoate, tetradecyl 2-methyl-2-propenoate and | 2.5 - < 5 % |
| | Eye Irrit. 2; H319 | |
| 72623-86-0 | Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based | 1 - < 2.5 % |
| | 276-737-9 | 01-2119474878-16 |
| | Asp. Tox. 1; H304 | |
| | mineral oil | 1 - < 2.5 % |
| | Asp. Tox. 1; H304 | |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | 1 - < 2.5 % |
| | 931-384-6 | 01-2119493620-38 |
| | Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H302 H318 H317 H411 | |

Full text of H and EUH statements: see section 16.

Further Information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

SECTION 4: First aid measures
4.1. Description of first aid measures

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 3 of 10

General information

Self-protection of the first aider

Change contaminated clothing.

Do not put any product-impregnated cleaning rags into your trouser pockets.

After inhalation

Provide fresh air. In case of inhalation of aerosols/spray mist/splash spots: Consult physician.

Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

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

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

No information available.

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

Treat symptomatically. Caution if victim vomits: Risk of aspiration!

Aspiration hazard: Call a physician immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Carbon dioxide (CO₂). Dry extinguishing powder. Foam.**Unsuitable extinguishing media**

High power water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable. Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Carbon dioxide (CO₂). Carbon monoxide Sulphur oxides. Phosphorus oxides. Hydrogen sulphide (H₂S).**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. carbon black

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Special danger of slipping by leaking/spilling product.

Wear suitable protective clothing.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 4 of 10

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Protect skin by using skin protective cream. Wash hands before breaks and after work.
Conditions to avoid: aerosol or mist generation.

Advice on protection against fire and explosion

No special measures are necessary.
When using do not smoke.
Fire class: B (DIN-/EN-Norms: EN2)

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.
Keep away from heat. Keep/Store only in original container.

Hints on joint storage

Do not store together with: Food and fodder, Oxidizing agents.

Further information on storage conditions

If product enters soil, it will be mobile and may contaminate groundwater. Keep away from heat.

7.3. Specific end use(s)

Gear oil

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.
When using do not eat, drink or smoke.

Protect skin by using skin protective cream.
Keep away from food, drink and animal feedingstuffs.

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 5 of 10

Do not breathe vapour.

Eye/face protection

Wear eye protection/face protection. In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Wear suitable gloves.

Skin protection

Wear suitable protective clothing. In fine dispersion/spraying/misting: Wear protective gloves/protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | brown |
| Odour: | characteristic |

| | Test method |
|-----------|--------------------------|
| pH-Value: | not applicable DIN 51369 |

Changes in the physical state

| | |
|--|-------------------|
| Melting point: | not determined |
| Initial boiling point and boiling range: | not determined |
| Pour point: | ~ -42 °C |
| : | DIN ISO 3016 |
| Flash point: | ~ 218 °C ISO 2592 |

Flammability

| | |
|-------------------------|-------------------|
| Solid: | not applicable |
| Gas: | not applicable |
| Lower explosion limits: | not determined |
| Upper explosion limits: | not determined |
| Ignition temperature: | No data available |

Auto-ignition temperature

| | |
|----------------------------|----------------|
| Solid: | not applicable |
| Gas: | not applicable |
| Decomposition temperature: | not determined |

Oxidizing properties

Not oxidising.

| | |
|--------------------------------|----------------------|
| Vapour pressure: (at 20 °C) | <0,1 hPa calculated. |
|--------------------------------|----------------------|

| | |
|---------------------|-------------------------|
| Density (at 15 °C): | ~ 0,872 g/cm³ DIN 51757 |
|---------------------|-------------------------|

| | |
|---------------------------------|-----------------------|
| Water solubility: (at 20 °C) | practically insoluble |
|---------------------------------|-----------------------|

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 6 of 10

Solubility in other solvents

Soluble in hydrocarbons (mineral oil.)

| | |
|---------------------------------------|-----------------------------------|
| Partition coefficient: | not determined |
| Viscosity / kinematic: (at 100 °C) | ~ 18 mm ² /s DIN 51562 |
| Vapour density: | not determined |
| Evaporation rate: | not determined |
| Solvent separation test: | No data available |
| Solvent content: | none Solvents |

9.2. Other information

| | |
|----------------|----------------|
| Solid content: | not determined |
| none | |

SECTION 10: Stability and reactivity**10.1. Reactivity**

Oxidizing agents, strong.

10.2. Chemical stability

No thermal decomposition if properly stored / handled /transported.
Onset of decomposition at elevated temperatures (>65°C)

10.3. Possibility of hazardous reactions

possible with strong oxidizing agents.
This product is stable under normal conditions. Hazardous reactions are unlikely.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

none

Further information

No thermal decomposition if properly stored / handled /transported.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

No data available.
Irritant effect on the respiratory tract: Do not breathe gas/vapour.

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 7 of 10

| CAS No | Chemical name | | | | |
|------------|---|------------------|---------|----------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 64742-54-7 | Distillates (petroleum), heavy paraffinic, hydrotreated | | | | |
| | oral | LD50 >2000 mg/kg | Rat | OECD 401 | |
| | dermal | LD50 >2000 mg/kg | Rabbit | OECD 402 | |
| | inhalation (4 h) vapour | LC50 >5000 mg/l | Rat | OECD 403 | |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | | | | |
| | oral | ATE 500 mg/kg | | | |

Irritation and corrosivity

Irritant effect on the skin: none
Frequent and prolonged eye contact may cause eye irritation.

Sensitising effects

Due to the very low concentration of sensitizing substances, the finished product can be assumed not to be skin-sensitizing.

Carcinogenic/mutagenic/toxic effects for reproduction

The product is not classified.

STOT-repeated exposure

Frequently or prolonged contact with skin may cause dermal irritation.

Specific effects in experiment on an animal

No data available.

Additional information on tests

The mixture is classified as not hazardous according to Directive 1999/45/EC.

Practical experience

Observations relevant to classification

Has de-greasing effect on the skin.

Other observations

No special hazards known when the product is properly used and the precautionary measures indicated are observed.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 8 of 10

| CAS No | Chemical name | | | | | |
|------------|---|------------------|-----------|---------------|----------|--------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 64742-54-7 | Distillates (petroleum), heavy paraffinic, hydrotreated | | | | | |
| | Acute fish toxicity | LC50 > 1000 mg/l | 96 h | Fish | OECD 203 | |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | | OECD 201 | |
| | Acute crustacea toxicity | EC50 > 100 mg/l | 48 h | Daphnia | OECD 202 | |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | | | | | |
| | Acute crustacea toxicity | EC50 91,4 mg/l | 48 h | Daphnia magna | | |

12.2. Persistence and degradability

Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants. Poorly eliminated from water.

Not easily bio-degradable (according to OECD-criteria). Product is partially biodegradable. Significant residues remain.

Post-use oils must not be discharged into the sewer system or into surface waters nor must they be allowed to enter the soil.

12.3. Bioaccumulative potential

No data available.

Do not allow uncontrolled discharge of product into the environment.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|------------|---|----------------------|
| 64742-54-7 | Distillates (petroleum), heavy paraffinic, hydrotreated | @1719.B0172 86 >4 |

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

Aquatic organisms: No data available.

Effects in sewage plants No data available.

No data available.

Further information

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

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation. The waste codes stated are recommendations based on the expected use of the substance and may be re-assigned to other waste codes by the user, if applicable.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

List of Wastes Code - residues/unused products

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 9 of 10

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and lubricating oils; hazardous waste

List of Wastes Code - used product

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic engine, gear and lubricating oils; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. Packing group:** No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. Packing group:** No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. Packing group:** No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- 14.4. Packing group:** No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 16.09.2020

Page 10 of 10

Restrictions on use (REACH, annex XVII):

Entry 28: Distillates (petroleum), heavy paraffinic, hydrotreated; Baseoil - unspecified, Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based

Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III) (SEVESO III):

Additional information

According to EC directives or the corresponding national regulations the product does not have to be labelled.

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 3,9.

Abbreviations and acronyms

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%

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

| Classification | Classification procedure |
|-------------------------|--------------------------|
| Eye Irrit. 2; H319 | Calculation method |
| Skin Sens. 1; H317 | Calculation method |
| Aquatic Chronic 4; H413 | Calculation method |

Relevant H and EUH statements (number and full text)

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above data are intended to describe our product in terms of any safety requirements to be observed. They reflect the state of our current knowledge and experience and shall not be construed as warranted characteristics. Any warranty for accuracy and completeness shall be expressly excluded.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)