

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

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

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 MINERALOELWERK GMBH | |
| Street: | Langgewann 101 | |
| Place: | D-67547 Worms | |
| Telephone: | +49 (0)6241 5906-0 | Telefax: +49 (0)6241 5906-999 |
| e-mail: | info@rowe-mineraloel.com | |
| Internet: | www.rowe-mineraloel.com | |
| Responsible Department: | Kundenservice | |

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:

Aspiration hazard: Asp. Tox. 1

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:

May be fatal if swallowed and enters airways.

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

Mineral oil

Pentene, 2,4,4-trimethyl-, sulfurized

Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

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

Signal word: Danger

Pictograms:


Hazard statements

| | |
|------|---|
| H304 | May be fatal if swallowed and enters airways. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H413 | May cause long lasting harmful effects to aquatic life. |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 2 of 10

Precautionary statements

| | |
|-----------|--|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/doctor. |
| P331 | Do NOT induce vomiting. |
| P405 | Store locked up. |
| 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 | |
| | Classification according to Regulation (EC) No. 1272/2008 [CLP] | |
| 151006-62-1 | branched hexatriacontane | 30 - < 60 % |
| | 417-070-7 | 601-064-00-8 |
| | Aquatic Chronic 4; H413 | |
| | Pentene, 2,4,4-trimethyl-, sulfurized | 2.5 - < 5 % |
| | 273-103-3 | |
| | Skin Sens. 1, Aquatic Chronic 4; H317 H413 | |
| | 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 |
| | Flam. Liq. 3, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H226 H302 H318 H317 H411 | |
| 597-82-0 | O,O,O-triphenyl phosphorothioate | 0.3 - < 1 % |
| | 209-909-9 | |
| | Repr. 2; H361 | |

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
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

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

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

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary. After contact

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 3 of 10

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

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

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

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Induce vomiting when the affected person is not unconscious. Medical treatment necessary.

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 data 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

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit. carbon black

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

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

Additional information

Suppress gases/vapours/mists with water spray jet. 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**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

Wear suitable protective clothing.

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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 4 of 10

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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. 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 locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

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



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. 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.

Do not breathe vapour.

Eye/face protection

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 5 of 10

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: | yellow-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: | ISO 3016 |
| Pourpoint:: | ~-42 °C DIN ISO 3016 |
| Flash point: | >200 °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 oxidizing.

| | |
|---------------------------------|-----------------------------------|
| Vapour pressure: (at 20 °C) | <0,1 hPa calculated. |
| Density (at 15 °C): | ~0,84 g/cm ³ DIN 51757 |
| Water solubility: (at 20 °C) | practically insoluble |

Solubility in other solvents

Soluble in hydrocarbons (mineral oil.)

| | |
|------------------------|----------------|
| Partition coefficient: | not determined |
|------------------------|----------------|

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 6 of 10

| | | |
|---------------------------------------|------------------------------|-----------|
| Viscosity / kinematic: (at 100 °C) | 13,5-18,5 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.

| CAS No | Chemical name | | | | |
|--------|---|--------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| | Reaction products of bis(2-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14 alkyl (branched) | | | | |
| | oral | ATE mg/kg | 500 | | |

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

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 7 of 10

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 hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

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

May cause long-term adverse effects in the aquatic environment.

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.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available

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

Advice on disposal

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 8 of 10

Waste disposal number of waste from residues/unused products

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

Waste disposal number of 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

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

This material and its container must be disposed of as hazardous waste. 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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 9 of 10

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

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

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D): 2 - clearly water contaminating

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

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): 1,2,3,4,5,6,7,8,9,11,12,13,14,15,16.

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 |
|-------------------------|--------------------------|
| Asp. Tox. 1; H304 | Calculation method |
| 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)

H226 Flammable liquid and vapour.

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.

H361 Suspected of damaging fertility or the unborn child.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances 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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC Racing Gear Oil SAE 75W-90

Revision date: 12.01.2018

Page 10 of 10

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.)