

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40**

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Product code: 20058

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

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

Motor 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       |                               |
| Contact person: | Product Compliance      |                               |
| E-mail:         | sdb@rowe-oil.com        |                               |
| Internet:       | www.rowe-oil.com        |                               |

**1.4. Emergency telephone number:**

Ireland: Public (8am-10pm) +353 180 921 66, Healthcare Professionals +353 1809 2566  
other Countries: Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Regulation (EC) No 1272/2008****Special labelling**

EUH210 Safety data sheet available on request.

**2.3. Other hazards**

Special danger of slipping by leaking/spilling product.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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### Relevant ingredients

| CAS No      | Chemical name                                                                             |              |                  | Quantity    |
|-------------|-------------------------------------------------------------------------------------------|--------------|------------------|-------------|
|             | EC No                                                                                     | Index No     | REACH No         |             |
|             | Classification (Regulation (EC) No 1272/2008)                                             |              |                  |             |
| 68037-01-4  | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated                   |              |                  | 2.5 - < 5 % |
|             | 500-183-1                                                                                 |              | 01-2119486452-34 |             |
|             | Asp. Tox. 1; H304                                                                         |              |                  |             |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |              |                  | 1 - < 2.5 % |
|             | 265-169-7                                                                                 | 649-474-00-6 | 01-2119471299-27 |             |
|             | Asp. Tox. 1; H304                                                                         |              |                  |             |
| 122384-87-6 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        |              |                  | 1 - < 2.5 % |
|             | 701-251-5                                                                                 |              | 01-2119524004-56 |             |
|             | Aquatic Chronic 4; H413                                                                   |              |                  |             |

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

### Specific Conc. Limits, M-factors and ATE

| CAS No      | EC No     | Chemical name                                                                             | Quantity    |
|-------------|-----------|-------------------------------------------------------------------------------------------|-------------|
|             |           | Specific Conc. Limits, M-factors and ATE                                                  |             |
| 68037-01-4  | 500-183-1 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated                   | 2.5 - < 5 % |
|             |           | oral: LD50 = > 5000 mg/kg                                                                 |             |
| 64742-65-0  | 265-169-7 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) | 1 - < 2.5 % |
|             |           | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg                                    |             |
| 122384-87-6 | 701-251-5 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        | 1 - < 2.5 % |
|             |           | dermal: LD50 = > 15000 mg/kg; oral: LD50 = > 5000 mg/kg                                   |             |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### After inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

#### After contact with skin

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

### 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.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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**Suitable extinguishing media**

Water spray jet. Foam. Carbon dioxide (CO<sub>2</sub>).  
Co-ordinate fire-fighting measures to the fire surroundings.

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

Combustible. Non-flammable.  
In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Pyrolysis products, toxic.

**5.3. Advice for firefighters**

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

**Additional information**

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

Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

**For non-emergency personnel**

Provide adequate ventilation. Use personal protection equipment. Remove persons to safety.

**For emergency responders**

Wear personal protection equipment (refer to section 8).

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

**6.3. Methods and material for containment and cleaning up****For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers). Cover drains. Stop leak if safe to do so.

**For cleaning up**

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

**Other information**

Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

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

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin. Use personal protection equipment.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**Further information on handling**

maximum process temperature: 100 °C

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

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#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

#### Hints on joint storage

Do not store together with: Oxidizing agent, Reducing agent, Strong acid, Strong alkali.

#### Further information on storage conditions

Keep away from heat.

maximum storage temperature: 80 °C

#### 7.3. Specific end use(s)

Motor oil

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

| CAS No | Substance                                               | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category  | Origin |
|--------|---------------------------------------------------------|-----|-------------------|---------------------|-----------|--------|
| -      | Mineral Oil pure, highly & severely refined (Inhalable) | -   | 5                 |                     | TWA (8 h) |        |

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### DNEL/DMEL values

| CAS No                   | Substance                                                                                 |                |          |                   |
|--------------------------|-------------------------------------------------------------------------------------------|----------------|----------|-------------------|
| DNEL type                |                                                                                           | Exposure route | Effect   | Value             |
| 64742-54-7               | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)    |                |          |                   |
| Worker DNEL, long-term   |                                                                                           | inhalation     | systemic | 2,73 mg/m³        |
| 64741-88-4               | Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified (Note L) |                |          |                   |
| Worker DNEL, long-term   |                                                                                           | inhalation     | systemic | 2,73 mg/m³        |
| Worker DNEL, long-term   |                                                                                           | inhalation     | local    | 5,58 mg/m³        |
| Worker DNEL, long-term   |                                                                                           | dermal         | systemic | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term |                                                                                           | inhalation     | local    | 1,19 mg/m³        |
| Consumer DNEL, long-term |                                                                                           | oral           | systemic | 0,74 mg/kg bw/day |
| 64742-65-0               | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |                |          |                   |
| Worker DNEL, long-term   |                                                                                           | inhalation     | systemic | 2,73 mg/m³        |
| Worker DNEL, long-term   |                                                                                           | inhalation     | local    | 5,58 mg/m³        |
| Worker DNEL, long-term   |                                                                                           | dermal         | systemic | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term |                                                                                           | inhalation     | local    | 1,19 mg/m³        |
| Consumer DNEL, long-term |                                                                                           | oral           | systemic | 0,74 mg/kg bw/day |
| 122384-87-6              | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        |                |          |                   |
| Worker DNEL, long-term   |                                                                                           | inhalation     | systemic | 3,5 mg/m³         |
| Worker DNEL, acute       |                                                                                           | inhalation     | systemic | 133,6 mg/m³       |
| Worker DNEL, long-term   |                                                                                           | dermal         | systemic | 8,33 mg/kg bw/day |
| Worker DNEL, acute       |                                                                                           | dermal         | systemic | 80 mg/kg bw/day   |
| Consumer DNEL, long-term |                                                                                           | inhalation     | systemic | 0,87 mg/m³        |
| Consumer DNEL, acute     |                                                                                           | inhalation     | systemic | 0,067 mg/m³       |
| Consumer DNEL, long-term |                                                                                           | dermal         | systemic | 4,2 mg/kg bw/day  |
| Consumer DNEL, acute     |                                                                                           | dermal         | systemic | 40 mg/kg bw/day   |
| Consumer DNEL, long-term |                                                                                           | oral           | systemic | 0,25 mg/kg bw/day |
| Consumer DNEL, acute     |                                                                                           | oral           | systemic | 50 mg/kg bw/day   |

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### PNEC values

| CAS No      | Substance                                                                                 |             |
|-------------|-------------------------------------------------------------------------------------------|-------------|
|             | Environmental compartment                                                                 | Value       |
| 64741-88-4  | Distillates (petroleum), solvent-refined heavy paraffinic; Baseoil - unspecified (Note L) |             |
|             | Secondary poisoning                                                                       | 9,33 mg/kg  |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |             |
|             | Secondary poisoning                                                                       | 9,33 mg/kg  |
| 122384-87-6 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        |             |
|             | Freshwater                                                                                | 0,5 mg/l    |
|             | Freshwater (intermittent releases)                                                        | 5 mg/l      |
|             | Marine water                                                                              | 0,05 mg/l   |
|             | Freshwater sediment                                                                       | 1650 mg/kg  |
|             | Marine sediment                                                                           | 165 mg/kg   |
|             | Secondary poisoning                                                                       | 11,11 mg/kg |
|             | Micro-organisms in sewage treatment plants (STP)                                          | 100 mg/l    |
|             | Soil                                                                                      | 1340 mg/kg  |

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

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

##### Eye/face protection

Wear eye protection/face protection. (EN 166)

##### Hand protection

Tested protective gloves must be worn (EN ISO 374)

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.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Thermal hazards

No information available.

##### Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state: Liquid

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Colour: brown  
 Odour: characteristic  
 Odour threshold: not determined

### Test method

Melting point/freezing point: not determined  
 Boiling point or initial boiling point and boiling range: not determined  
 Flammability: Not readily combustible.  
 Lower explosion limits: not determined Literatur  
 Upper explosion limits: not determined Literatur  
 Flash point: >200 °C DIN ISO 2592  
 Auto-ignition temperature: not determined  
 Decomposition temperature: not determined  
 pH-Value: not applicable DIN 51369  
 Viscosity / kinematic: ~ 93 mm²/s DIN 51562  
 (at 40 °C)  
 Water solubility: practically insoluble  
 (at 20 °C)  
 Solubility in other solvents  
 Soluble in hydrocarbons (mineral oil.)  
 Partition coefficient n-octanol/water: not determined  
 Vapour pressure: <0,1 hPa calculated.  
 (at 20 °C)  
 Density (at 15 °C): ~ 0,86 g/cm³ DIN 51757  
 Relative vapour density: not determined  
 Particle characteristics: not relevant

### 9.2. Other information

#### Other safety characteristics

Pour point: ~ -33 °C DIN ISO 3016

#### Further Information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 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

Heat

### 10.5. Incompatible materials

Oxidizing agent, Reducing agent, Strong acid, Strong alkali.

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO2), Pyrolysis products, toxic.

## SECTION 11: Toxicological information

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

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### Acute toxicity

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

### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No      | Chemical name                                                                             |                    |         |               |                    |
|-------------|-------------------------------------------------------------------------------------------|--------------------|---------|---------------|--------------------|
|             | Exposure route                                                                            | Dose               | Species | Source        | Method             |
| 68037-01-4  | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated                   |                    |         |               |                    |
|             | oral                                                                                      | LD50 > 5000 mg/kg  | Rat     | ECHA          | OECD Guideline 401 |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |                    |         |               |                    |
|             | oral                                                                                      | LD50 > 5000 mg/kg  | Rat     | REACH Dossier | OECD 401           |
|             | dermal                                                                                    | LD50 > 5000 mg/kg  | Rabbit  | REACH Dossier | OECD 402           |
| 122384-87-6 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        |                    |         |               |                    |
|             | oral                                                                                      | LD50 > 5000 mg/kg  | Rat     | ECHA          | OECD 401           |
|             | dermal                                                                                    | LD50 > 15000 mg/kg | Rabbit  | ECHA          | OECD 402           |

### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

### Sensitising effects

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

### Carcinogenic/mutagenic/toxic effects for reproduction

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.

### Information on likely routes of exposure

Inhalation, oral, Skin contact, Eye contact.

## 11.2. Information on other hazards

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### Other information

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

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

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| CAS No     | Chemical name                                                                             |                   |           |                                      |               |                    |
|------------|-------------------------------------------------------------------------------------------|-------------------|-----------|--------------------------------------|---------------|--------------------|
|            | Aquatic toxicity                                                                          | Dose              | [h]   [d] | Species                              | Source        | Method             |
| 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated                   |                   |           |                                      |               |                    |
|            | Acute fish toxicity                                                                       | LL50 > 1000 mg/l  | 96 h      | Oncorhynchus mykiss                  | ECHA          | OECD Guideline 203 |
|            | Acute algae toxicity                                                                      | ErC50 > 1000 mg/l | 96 h      | Pseudokirchneriella subcapitata      | ECHA          | OECD Guideline 201 |
|            | Acute crustacea toxicity                                                                  | EL50 > 1000 mg/l  | 48 h      | Daphnia magna                        | ECHA          | OECD Guideline 202 |
| 64742-65-0 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |                   |           |                                      |               |                    |
|            | Acute fish toxicity                                                                       | LL50 > 100 mg/l   | 96 h      | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203           |
|            | Acute crustacea toxicity                                                                  | EL50 > 10000 mg/l | 48 h      | Daphnia pulex (water flea)           | REACH Dossier | OECD 202           |
|            | Fish toxicity                                                                             | NOEC >= 1000 mg/l | 14 d      | Oncorhynchus mykiss (Rainbow trout)  | REACH Dossier | QSAR               |
|            | Algae toxicity                                                                            | NOEC >= 100 mg/l  | 3 d       | Pseudokirchneriella subcapitata      | REACH Dossier | OECD 201           |

### 12.2. Persistence and degradability

The product has not been tested.

| CAS No      | Chemical name                                                                             |        |    |               |
|-------------|-------------------------------------------------------------------------------------------|--------|----|---------------|
|             | Method                                                                                    | Value  | d  | Source        |
|             | Evaluation                                                                                |        |    |               |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified (Note L) |        |    |               |
|             | OECD 301F                                                                                 | 31 %   | 28 | REACH Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                   |        |    |               |
| 122384-87-6 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased                        |        |    |               |
|             | OECD 301B                                                                                 | 13,4 % | 28 | REACH Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                   |        |    |               |

### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

| CAS No      | Chemical name                                                           | Log Pow |
|-------------|-------------------------------------------------------------------------|---------|
| 68037-01-4  | Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated | > 6,5   |
| 122384-87-6 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased      | ca. 9,3 |

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information 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

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#### 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.

##### List of Wastes Code - residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

##### List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated 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.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Inland waterways transport (ADN)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Marine transport (IMDG)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

#### Air transport (ICAO-TI/IATA-DGR)

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | 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. Maritime transport in bulk according to IMO instruments

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

Restrictions on use (REACH, annex XVII):

Entry 75

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Information according to Directive  
2012/18/EU (SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

**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 juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

1 - slightly hazardous to water

**Additional information**

Observe in addition any national regulations!

**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): 2,4,5,6,7,8,9,10,11,12,15,16.

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**Abbreviations and acronyms**

Asp. Tox. 1: Aspiration hazard, hazard category 1  
Aquatic Chronic 4: Hazardous to the aquatic environment, long-term hazard category: Chronic 4  
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%  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Key literature references and sources for data**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

**Relevant H and EUH statements (number and full text)**

|        |                                                         |
|--------|---------------------------------------------------------|
| H304   | May be fatal if swallowed and enters airways.           |
| H413   | May cause long lasting harmful effects to aquatic life. |
| EUH210 | Safety data sheet available on request.                 |

**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.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC SUPER LEICHTLAUF HC-O SAE 10W-40**

Revision: 02.02.2026

Product code: 20058

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