

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 1 of 14

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

HIGHTEC SYNTH RS SAE 0W-30 LV II

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.

Classification procedure H317: Test results

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

| | |
|--------|--|
| EUH208 | Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |

2.3. Other hazards

No information available.

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 2 of 14

Relevant ingredients

| CAS No | Chemical name | | | Quantity |
|--------------|---|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| 157707-86-3 | Dec-1-ene, trimers, hydrogenated (international CAS 68037-01-4) | | | 30 - < 60 % |
| | 500-393-3 | | 01-2119493949-12 | |
| | Asp. Tox. 1; H304 | | | |
| 112-41-4 | 1-Dodecene | | | 1 - < 2.5 % |
| | 203-968-4 | | 01-2119475509-26 | |
| | Asp. Tox. 1; H304 EUH066 | | | |
| 64742-56-9 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | | | 1 - < 2.5 % |
| | 265-159-2 | 649-469-00-9 | 01-2119480132-48 | |
| | Asp. Tox. 1; H304 | | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L) | | | 1 - < 2.5 % |
| | 265-157-1 | 649-467-00-8 | 01-2119484627-25 | |
| | 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 | | | |
| 64742-70-7 | Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L) | | | 1 - < 2.5 % |
| | 265-174-4 | 649-477-00-2 | 01-2119487080-42 | |
| | Asp. Tox. 1; H304 | | | |
| 1190625-94-5 | C14-C16-C18 Alkylphenole | | | 1 - < 2.5 % |
| | 931-468-2 | | 01-2119498288-19 | |
| | Skin Sens. 1, STOT RE 2; H317 H373 | | | |

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 | | |
| 157707-86-3 | 500-393-3 | Dec-1-ene, trimers, hydrogenated (international CAS 68037-01-4) | 30 - < 60 % |
| | oral: LD50 = > 5000 mg/kg | | |
| 112-41-4 | 203-968-4 | 1-Dodecene | 1 - < 2.5 % |
| | inhalation: LC50 = >5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg | | |
| 64742-56-9 | 265-159-2 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | 1 - < 2.5 % |
| | inhalation: LC50 = 5,53 mg/l (dusts or mists); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | | |
| 64742-54-7 | 265-157-1 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L) | 1 - < 2.5 % |
| | dermal: LD50 = > 5000 mg/kg; 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 | | |
| 64742-70-7 | 265-174-4 | Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L) | 1 - < 2.5 % |
| | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg | | |

SECTION 4: First aid measures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 3 of 14

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****Suitable extinguishing media**

Water spray jet. Foam. Carbon dioxide (CO₂).
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 (CO₂), 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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 4 of 14

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
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 ³ | fib/cm ³ | Category | Origin |
|--------|---|-----|-------------------|---------------------|-----------|--------|
| - | Mineral Oil pure, highly & severely refined (Inhalable) | - | 5 | | TWA (8 h) | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 5 of 14

DNEL/DMEL values

| CAS No | Substance | 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/m ³ |
| 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) | | | |
| Worker DNEL, long-term | | inhalation | systemic | 2,73 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 5,58 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 1,19 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 0,74 mg/kg bw/day |
| 64742-56-9 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | | | |
| Worker DNEL, long-term | | dermal | systemic | 0,97 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 2,73 mg/m ³ |
| Worker DNEL, long-term | | inhalation | local | 5,58 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 0,74 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 1,19 mg/m ³ |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L) | | | |
| Worker DNEL, long-term | | inhalation | local | 5,58 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,97 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 2,73 mg/m ³ |
| Consumer DNEL, long-term | | inhalation | local | 1,19 mg/m ³ |
| 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/m ³ |
| Worker DNEL, long-term | | inhalation | local | 5,58 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,97 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | local | 1,19 mg/m ³ |
| Consumer DNEL, long-term | | oral | systemic | 0,74 mg/kg bw/day |
| 1190625-94-5 | C14-C16-C18 Alkylphenole | | | |
| Worker DNEL, long-term | | inhalation | systemic | 1,17 mg/m ³ |
| Worker DNEL, long-term | | dermal | systemic | 0,3 mg/kg bw/day |

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 6 of 14

PNEC values

| CAS No | Substance | Value |
|--|--|---------------|
| Environmental compartment | | |
| 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) | |
| Secondary poisoning | | 9,33 mg/kg |
| 64742-54-7 | Distillates (petroleum), hydrotreated 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 |
| 1190625-94-5 | C14-C16-C18 Alkylphenole | |
| Freshwater | | 0,1 mg/l |
| Freshwater (intermittent releases) | | 1 mg/l |
| Marine water | | 0,01 mg/l |
| Freshwater sediment | | 4266,16 mg/kg |
| Marine sediment | | 426,62 mg/kg |
| Secondary poisoning | | 3,3 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 100 mg/l |
| Soil | | 852,58 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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 7 of 14

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

| | |
|------------------|----------------|
| Physical state: | Liquid |
| 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 |
| Upper explosion limits: | not determined |
| Flash point: | >230 °C DIN ISO 2592 |
| Auto-ignition temperature: | not determined |
| Decomposition temperature: | not determined |
| pH-Value: | not applicable DIN 51369 |
| Viscosity / kinematic: (at 100 °C) | ~ 10,2 mm ² /s DIN 51562 |
| Water solubility: (at 20 °C) | practically insoluble |
| Solubility in other solvents | not determined |
| Partition coefficient n-octanol/water: | not determined |
| Vapour pressure: (at 20 °C) | <0,1 hPa calculated. |
| Density (at 15 °C): | ~ 0,839 g/cm ³ DIN 51757 |
| Relative vapour density: | not determined |
| Particle characteristics: | not relevant |

9.2. Other information
Other safety characteristics

Pour point: ~ -45 °C

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 8 of 14

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
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 |
| 157707-86-3 | Dec-1-ene, trimers, hydrogenated (international CAS 68037-01-4) | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | ECHA | OECD Guideline 401 |
| 112-41-4 | 1-Dodecene | | | | |
| | oral | LD50 >5000 mg/kg | Rat | | |
| | dermal | LD50 >2000 mg/kg | Rat | | |
| | inhalation (4 h) dust/mist | LC50 >5 mg/l | Rat | | |
| 64742-56-9 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | REACH Dossier | OECD 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | REACH Dossier | OECD 402 |
| | inhalation (4 h) dust/mist | LC50 5,53 mg/l | Ratte | Echa | OECD 403 |
| 64742-54-7 | Distillates (petroleum), hydrotreated 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 |
| 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 |
| 64742-70-7 | Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L) | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | REACH Dossier | OECD 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | REACH Dossier | 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.

Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction.

Classification procedure H317: Test results

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 9 of 14

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.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Practical experience

not applicable

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.

The product is not: Ecotoxic.

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 10 of 14

| CAS No | Chemical name | | | | | |
|-------------|---|-------------------|-----------|--------------------------------------|---------------|--------------------|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 157707-86-3 | Dec-1-ene, trimers, hydrogenated (international CAS 68037-01-4) | | | | | |
| | 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 |
| 112-41-4 | 1-Dodecene | | | | | |
| | Acute fish toxicity | LC50 >1000 mg/l | 96 h | Oncorhynchus mykiss (Rainbow trout) | | |
| | Acute algae toxicity | ErC50 >1000 mg/l | 96 h | Selenastrum capricornutum | | |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48 h | Daphnia magna | | |
| | Crustacea toxicity | NOEC 125 mg/l | 21 d | Daphnia magna | | |
| 64742-56-9 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | | | | | |
| | Acute fish toxicity | LL50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Dossier | OECD 201 |
| | Acute crustacea toxicity | EL50 > 10000 mg/l | 48 h | Daphnia magna (Big water flea) | REACH Dossier | OECD 202 |
| | Fish toxicity | NOEC >= 1000 mg/l | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | QSAR |
| | Crustacea toxicity | NOEC > 1000 mg/l | 21 d | Daphnia magna (Big water flea) | REACH Dossier | OECD 211 |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L) | | | | | |
| | Acute fish toxicity | LC50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |
| | Acute algae toxicity | ErC50 > 100 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Dossier | OECD 201 |
| | Acute crustacea toxicity | EC50 > 10000 mg/l | 48 h | Daphnia magna (Big water flea) | REACH Dossier | OECD 202 |
| | Fish toxicity | NOEC >= 1000 mg/l | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | QSAR |
| | Crustacea toxicity | NOEC > 10 mg/l | 21 d | Daphnia magna (Big water flea) | REACH Dossier | OECD 211 |
| 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 |
| 64742-70-7 | Paraffin oils (petroleum), catalytic dewaxed heavy; Baseoil - unspecified (Note L) | | | | | |
| | Acute fish toxicity | LL50 > 100 mg/l | 96 h | Pimephales promelas (fathead minnow) | REACH Dossier | OECD 203 |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 11 of 14

| | | | | | | | |
|--|---------------|--------------|---------|------|--|---------------|--|
| | Fish toxicity | NOEC mg/l | >= 1000 | 14 d | Oncorhynchus mykiss (Rainbow trout) | REACH Dossier | |
|--|---------------|--------------|---------|------|--|---------------|--|

12.2. Persistence and degradability

The product has not been tested.

| CAS No | Chemical name | | | |
|------------|---|-------|----|---------------|
| | Method | Value | d | Source |
| | Evaluation | | | |
| 64742-56-9 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified | | | |
| | OECD 301B | 31 % | 28 | REACH Dossier |
| | Not easily bio-degradable (according to OECD-criteria). | | | |
| 64742-54-7 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L) | | | |
| | OECD 301B | 21 % | 28 | REACH Dossier |
| | Not easily bio-degradable (according to OECD-criteria). | | | |
| 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). | | | |

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|--------------|---|------------|
| 157707-86-3 | Dec-1-ene, trimers, hydrogenated (international CAS 68037-01-4) | > 6,5 |
| 1190625-94-5 | C14-C16-C18 Alkylphenole | > 16000000 |

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

Avoid release to the environment.

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.

List of Wastes Code - 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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 12 of 14

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| 14.1. UN number or ID 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 or ID 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 or ID 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 or ID 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. 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

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

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 13 of 14

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,10,11,13,14,15,16.

Abbreviations and acronyms

Asp. Tox. 1: Aspiration hazard, hazard category 1

Skin Sens. 1: Skin sensitisation, hazard category 1

STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2

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.

H317 May cause an allergic skin reaction.

H373 May cause damage to liver through prolonged or repeated exposure if inhaled.

EUH066 Repeated exposure may cause skin dryness or cracking.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

HIGHTEC SYNTH RS SAE 0W-30 LV II

Revision: 02.02.2026

Product code: 20069

Page 14 of 14

EUH208 Contains C14-C16-C18 Alkylphenole. May produce an allergic reaction.
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.

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