

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC SYNT RSP 290 SAE 5W-30**

Revision: 02.02.2026

Product code: 20114-998-00

Page 1 of 12

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

HIGHTEC SYNT RSP 290 SAE 5W-30

**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:                 | Borkensteiner Mühle 7    |                                  |
| Place:                  | D-67308 Bubenheim        |                                  |
| Telephone:              | +0049 - (0)6355 9541-0   | Telefax: +0049 - (0)6355 9541-41 |
| E-mail:                 | info@rowe-mineraloel.com |                                  |
| Responsible Department: | Giftnotruf Mainz         |                                  |

**1.4. Emergency telephone number:**

0700-GIFTINFO

**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****Hazard statements**

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 SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 2 of 12

#### Relevant ingredients

| CAS No      | Chemical name   |              |                  | Quantity     |
|-------------|---|--------------|------------------|--------------|
|             | EC No   | Index No     | REACH No         |              |
|             | Classification (Regulation (EC) No 1272/2008)   |              |                  |              |
| 64742-54-7  | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)                |              |                  | 60 - < 100 % |
|             | 265-157-1   | 649-467-00-8 | 01-2119484627-25 |              |
|             | Asp. Tox. 1; H304   |              |                  |              |
| 72623-87-1  | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L)  |              |                  | 5 - < 15 %   |
|             | 276-738-4   | 649-483-00-5 | 01-2119474889-13 |              |
|             | Asp. Tox. 1; H304   |              |                  |              |
|             | Mineral Oil (CAS 64742-54-7, 64742-55-8, 64742-56-9, 64742-65-0) (< 3 % DMSO-extract, IP 346 conform) |              |                  | 5 - < 15 %   |
|             | Asp. Tox. 1; H304   |              |                  |              |
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate               |              |                  | 1 - < 2.5 %  |
|             | 406-040-9   | 607-530-00-7 | 01-0000015551-76 |              |
|             | 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               |  |              |
| 64742-54-7 | 265-157-1  | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)               | 60 - < 100 % |
|            | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg |  |              |
| 72623-87-1 | 276-738-4  | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) | 5 - < 15 %   |
|            | dermal: LD50 = > 5000 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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 3 of 12

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### **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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 4 of 12

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

### Safety Data Sheet

according to Regulation (EC) No 1907/2006

#### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 5 of 12

#### 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   | local    | 5,58 mg/m <sup>3</sup> |
| Worker DNEL, long-term   | dermal   | systemic | 0,97 mg/kg bw/day      |
| Worker DNEL, long-term   | inhalation   | systemic | 2,73 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | inhalation   | local    | 1,19 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | oral   | systemic | 0,74 mg/kg bw/day      |
| 72623-87-1               | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) |          |                        |
| Worker DNEL, long-term   | dermal   | systemic | 0,97 mg/kg bw/day      |
| Worker DNEL, long-term   | inhalation   | systemic | 2,73 mg/m <sup>3</sup> |
| Worker DNEL, long-term   | inhalation   | local    | 5,58 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | oral   | systemic | 0,74 mg/kg bw/day      |
| Consumer DNEL, long-term | inhalation   | local    | 1,19 mg/m <sup>3</sup> |
| 125643-61-0              | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate              |          |                        |
| Worker DNEL, long-term   | inhalation   | systemic | 6,6 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   | dermal   | systemic | 1,67 mg/kg bw/day      |
| Consumer DNEL, long-term | inhalation   | systemic | 1,62 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | dermal   | systemic | 0,83 mg/kg bw/day      |
| Consumer DNEL, long-term | oral   | systemic | 0,93 mg/kg bw/day      |

#### PNEC values

| CAS No   | Substance  |  |
|--|--|--|
| Environmental compartment                        | Value  |  |
| 64742-54-7                                       | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified (Note L)               |  |
| Secondary poisoning                              | 9,33 mg/kg   |  |
| 72623-87-1                                       | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) |  |
| Secondary poisoning                              | 9,33 mg/kg   |  |
| 125643-61-0                                      | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate              |  |
| Freshwater                                       | 0,018 mg/l   |  |
| Freshwater (intermittent releases)               | 0,018 mg/l   |  |
| Marine water                                     | 0,002 mg/l   |  |
| Freshwater sediment                              | 2 mg/kg  |  |
| Marine sediment                                  | 0,2 mg/kg  |  |
| Secondary poisoning                              | 41,33 mg/kg  |  |
| Micro-organisms in sewage treatment plants (STP) | 100 mg/l   |  |
| Soil   | 10 mg/kg   |  |

#### 8.2. Exposure controls

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 6 of 12



#### 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   |                           |
| Colour:   | light brown  |                           |
| Odour:  | characteristic   |                           |
| Odour threshold:  | not determined   |                           |
| 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:  |  | >180 °C                   |
| Auto-ignition temperature:                                |  | not determined            |
| Decomposition temperature:                                |  | not determined            |
| pH-Value:   |  | not determined            |
| Viscosity / kinematic:<br>(at 100 °C)                     |  | ~ 10,4 mm <sup>2</sup> /s |
| Water solubility:   | The study does not need to be conducted because the substance is known to be insoluble in water. |                           |
| Solubility in other solvents                              | not determined   |                           |
| Partition coefficient n-octanol/water:                    | not determined   |                           |
| Vapour pressure:  | not determined   |                           |

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 7 of 12

Density: ~ 0,85 g/cm<sup>3</sup>  
 Relative vapour density: not determined  
 Particle characteristics: not relevant

### 9.2. Other 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 (CO<sub>2</sub>), Pyrolysis products, toxic.

## 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

| CAS No     | Chemical name  |                   |         |               |                    |
|------------|--|-------------------|---------|---------------|--------------------|
|            | Exposure route   | Dose              | Species | Source        | Method             |
| 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           |
| 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) |                   |         |               |                    |
|            | oral   | LD50 > 5000 mg/kg | Rat     | ECHA Dossier  | OECD Guideline 401 |
|            | dermal   | LD50 > 5000 mg/kg | Rabbit  | ECHA Dossier) | OECD Guideline 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 8 of 12

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.

The product is not classified.

### 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.

| CAS No     | Chemical name  |                   |           |                                      |               |                    |
|------------|--|-------------------|-----------|--------------------------------------|---------------|--------------------|
|            | Aquatic toxicity   | Dose              | [h]   [d] | Species                              | Source        | Method             |
| 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           |
| 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified (Note L) |                   |           |                                      |               |                    |
|            | Acute fish toxicity  | LL50 > 100 mg/l   | 96 h      | Pimephales promelas                  | ECHA Dossier  | OECD Guideline 203 |
|            | Fish toxicity  | NOEC >= 1000 mg/l | 14 d      | Oncorhynchus mykiss                  | ECHA Dossier  |                    |

### 12.2. Persistence and degradability

The product has not been tested.

| CAS No     | Chemical name  |       |    |               |
|------------|--|-------|----|---------------|
|            | Method   | Value | d  | Source        |
|            | Evaluation   |       |    |               |
| 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).                                |       |    |               |

### 12.3. Bioaccumulative potential

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 9 of 12

The product has not been tested.

#### Partition coefficient n-octanol/water

| CAS No      | Chemical name   | Log Pow  |
|-------------|---|----------|
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | 15100000 |

#### 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

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

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

### 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. |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC SYNT RSP 290 SAE 5W-30

Revision: 02.02.2026

Product code: 20114-998-00

Page 10 of 12

#### 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

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

##### 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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC SYNT RSP 290 SAE 5W-30**

Revision: 02.02.2026

Product code: 20114-998-00

Page 11 of 12

**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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### **HIGHTEC SYNT RSP 290 SAE 5W-30**

Revision: 02.02.2026

Product code: 20114-998-00

Page 12 of 12

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