

### HIGHTEC INJECTOR CLEANER FUEL

Revision: 23.06.2025

Product code: 23002

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

HIGHTEC INJECTOR CLEANER FUEL

UFI: 0C1J-5N2N-100T-10K7

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Fuel additive Cleaning fluid for fuel system

### 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

Asp. Tox. 1; H304  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

#### Hazard components for labelling

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
Solvent naphtha (petroleum), heavy aromatic  
Distillates (petroleum), hydro-treated light; Kerosine - unspecified

Signal word: Danger

Pictograms:



#### Hazard statements

H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P273 Avoid release to the environment.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.

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P405 Store locked up.

P501 Dispose of contents/container to hazardous or special waste collection point.

### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Relevant ingredients

| CAS No       | Chemical name                                                                                                        |              |                  | Quantity     |
|--------------|----------------------------------------------------------------------------------------------------------------------|--------------|------------------|--------------|
|              | EC No                                                                                                                | Index No     | REACH No         |              |
|              | Classification (Regulation (EC) No 1272/2008)                                                                        |              |                  |              |
| 1174522-09-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics                                                |              |                  | 80 - < 100 % |
|              | 918-481-9                                                                                                            |              | 01-2119457273-39 |              |
|              | Asp. Tox. 1; H304 EUH066                                                                                             |              |                  |              |
| 64742-47-8   | Distillates (petroleum), hydro-treated light; Kerosine - unspecified                                                 |              |                  | 1 - < 10 %   |
|              | 265-149-8                                                                                                            | 649-422-00-2 | 01-2119484819-18 |              |
|              | Asp. Tox. 1; H304 EUH066                                                                                             |              |                  |              |
| 64742-94-5   | Solvent naphtha (petroleum), heavy aromatic                                                                          |              |                  | 1 - < 10 %   |
|              | 919-284-0                                                                                                            |              | 01-2119463588-24 |              |
|              | STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H336 H304 H411 EUH066                                                     |              |                  |              |
| 95-63-6      | 1,2,4-trimethylbenzene                                                                                               |              |                  | 0,1 - < 1 %  |
|              | 202-436-9                                                                                                            | 601-043-00-3 | 01-2119472135-42 |              |
|              | Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2; H226 H332 H315 H319 H335 H411 |              |                  |              |
| 91-20-3      | naphthalene                                                                                                          |              |                  | < 0,1 %      |
|              | 202-049-5                                                                                                            | 601-052-00-2 | 01-2119561346-37 |              |
|              | Carc. 2, Acute Tox. 4, Aquatic Acute 1, Aquatic Chronic 1; H351 H302 H400 H410                                       |              |                  |              |

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                                                                                                               |                                                                       |              |
| 1174522-09-8 | 918-481-9                                                                                                                                              | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 80 - < 100 % |
|              | oral: LD50 = > 5000 mg/kg                                                                                                                              |                                                                       |              |
| 64742-47-8   | 265-149-8                                                                                                                                              | Distillates (petroleum), hydro-treated light; Kerosine - unspecified  | 1 - < 10 %   |
|              | oral: LD50 = > 5000 mg/kg                                                                                                                              |                                                                       |              |
| 64742-94-5   | 919-284-0                                                                                                                                              | Solvent naphtha (petroleum), heavy aromatic                           | 1 - < 10 %   |
|              | oral: LD50 = 10650 mg/kg                                                                                                                               |                                                                       |              |
| 95-63-6      | 202-436-9                                                                                                                                              | 1,2,4-trimethylbenzene                                                | 0,1 - < 1 %  |
|              | inhalation: LC50 = 18 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = 5000 mg/kg                                             |                                                                       |              |
| 91-20-3      | 202-049-5                                                                                                                                              | naphthalene                                                           | < 0,1 %      |
|              | inhalation: LC50 = > 77,7 mg/l (vapours); dermal: LD50 = > 16000 mg/kg; oral: LD50 = 710 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1 |                                                                       |              |

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**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**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

**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 (CO<sub>2</sub>).  
Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable. Vapours can form explosive mixtures with air.

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

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

**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**

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### 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

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

#### 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)

Fuel additive Cleaning fluid for fuel system

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

| CAS No  | Substance                                               | ppm | mg/m³ | fib/cm³ | Category  | Origin |
|---------|---------------------------------------------------------|-----|-------|---------|-----------|--------|
| 95-63-6 | 1,2,4-Trimethylbenzene                                  | 20  | 100   |         | TWA (8 h) |        |
| -       | Mineral Oil pure, highly & severely refined (Inhalable) | -   | 5     |         | TWA (8 h) |        |
| 91-20-3 | Naphthalene                                             | 10  | 50    |         | TWA (8 h) |        |

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### DNEL/DMEL values

| CAS No                   | Substance                                   | Exposure route | Effect   | Value                 |
|--------------------------|---------------------------------------------|----------------|----------|-----------------------|
| 64742-94-5               | Solvent naphtha (petroleum), heavy aromatic |                |          |                       |
| Worker DNEL, long-term   |                                             | inhalation     | systemic | 151 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |                                             | dermal         | systemic | 12,5 mg/kg bw/day     |
| Consumer DNEL, long-term |                                             | inhalation     | systemic | 32 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |                                             | dermal         | systemic | 7,5 mg/kg bw/day      |
| Consumer DNEL, long-term |                                             | oral           | systemic | 7,5 mg/kg bw/day      |
| 91-20-3                  | naphthalene                                 |                |          |                       |
| Worker DNEL, long-term   |                                             | inhalation     | systemic | 25 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |                                             | inhalation     | local    | 25 mg/m <sup>3</sup>  |
| Worker DNEL, long-term   |                                             | dermal         | systemic | 3,57 mg/kg bw/day     |

### PNEC values

| CAS No                                           | Substance   | Value        |
|--------------------------------------------------|-------------|--------------|
| 91-20-3                                          | naphthalene |              |
| Freshwater                                       |             | 0,0024 mg/l  |
| Freshwater (intermittent releases)               |             | 0,02 mg/l    |
| Marine water                                     |             | 0,0024 mg/l  |
| Freshwater sediment                              |             | 0,0672 mg/kg |
| Marine sediment                                  |             | 0,0672 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |             | 2,9 mg/l     |
| Soil                                             |             | 0,0533 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.

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### 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 yellow - colourless   |
| Odour:                                                    | characteristic              |
| Odour threshold:                                          | not determined              |
| Melting point/freezing point:                             | not determined              |
| Boiling point or initial boiling point and boiling range: | 175 °C                      |
| Flammability:                                             | Combustible. Non-flammable. |
| Lower explosion limits:                                   | 0,5 vol. %                  |
| Upper explosion limits:                                   | 7 vol. %                    |
| Flash point:                                              | > 61 °C                     |
| Auto-ignition temperature:                                | not determined              |
| Decomposition temperature:                                | not determined              |
| pH-Value:                                                 | not determined              |
| Viscosity / kinematic:<br>(at 40 °C)                      | < 7 mm²/s                   |
| Water solubility:                                         | practically insoluble       |
| Solubility in other solvents                              | not determined              |
| Partition coefficient n-octanol/water:                    | not determined              |
| Vapour pressure:<br>(at 20 °C)                            | 0,6 hPa                     |
| Density (at 20 °C):                                       | 0,8 g/cm³                   |
| Relative vapour density:                                  | not determined              |
| Particle characteristics:                                 | not applicable              |

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive.

##### Oxidizing properties

The product is not: oxidising.

#### 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

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No known hazardous reactions.

### 10.4. Conditions to avoid

Heat

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## 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) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

| CAS No       | Chemical name                                                         |                    |         |                     |                    |
|--------------|-----------------------------------------------------------------------|--------------------|---------|---------------------|--------------------|
|              | Exposure route                                                        | Dose               | Species | Source              | Method             |
| 1174522-09-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics |                    |         |                     |                    |
|              | oral                                                                  | LD50 > 5000 mg/kg  | Rat     | ECHA                | OECD Guideline 401 |
| 64742-47-8   | Distillates (petroleum), hydro-treated light; Kerosine - unspecified  |                    |         |                     |                    |
|              | oral                                                                  | LD50 > 5000 mg/kg  | Rat     | Study report (1992) | EPA OTS 798.1175   |
| 64742-94-5   | Solvent naphtha (petroleum), heavy aromatic                           |                    |         |                     |                    |
|              | oral                                                                  | LD50 10650 mg/kg   | Rat     | ECHA                | OECD Guideline 420 |
| 95-63-6      | 1,2,4-trimethylbenzene                                                |                    |         |                     |                    |
|              | oral                                                                  | LD50 5000 mg/kg    | Rat     | RTECS               |                    |
|              | inhalation (4 h) vapour                                               | LC50 18 mg/l       | Rat     | RTECS               |                    |
|              | inhalation dust/mist                                                  | ATE 1,5 mg/l       |         |                     |                    |
| 91-20-3      | naphthalene                                                           |                    |         |                     |                    |
|              | oral                                                                  | LD50 710 mg/kg     | Mouse   | ECHA                | OECD Guideline 401 |
|              | dermal                                                                | LD50 > 16000 mg/kg | Rat     | ECHA                | OECD Guideline 402 |
|              | inhalation (4 h) vapour                                               | LC50 > 77,7 mg/l   | Rat     | ECHA                | EPA TSCA           |

#### 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.

Repeated exposure may cause skin dryness or cracking.

#### Sensitising effects

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

#### Carcinogenic/mutagenic/toxic effects for reproduction

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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**

May be fatal if swallowed and enters airways.

**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**

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

**SECTION 12: Ecological information****12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

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| CAS No       | Chemical name                                                         |                      |           |                                 |                                    |                    |
|--------------|-----------------------------------------------------------------------|----------------------|-----------|---------------------------------|------------------------------------|--------------------|
|              | Aquatic toxicity                                                      | Dose                 | [h]   [d] | Species                         | Source                             | Method             |
| 1174522-09-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics |                      |           |                                 |                                    |                    |
|              | Acute fish toxicity                                                   | LL50 > 100 mg/l      | 96 h      | Danio rerio                     | REACH Registration Dossier         | OECD Guideline 203 |
|              | Acute algae toxicity                                                  | ErC50 > 1000 mg/l    | 72 h      | Raphidocelis subcapitata        | REACH Registration Dossier         | OECD Guideline 201 |
|              | Acute crustacea toxicity                                              | EL50 > 100 mg/l      | 48 h      | Daphnia magna                   | REACH Registration Dossier         | OECD Guideline 202 |
| 64742-94-5   | Solvent naphtha (petroleum), heavy aromatic                           |                      |           |                                 |                                    |                    |
|              | Acute algae toxicity                                                  | ErC50 > 1 - < 3 mg/l | 72 h      | Pseudokirchneriella subcapitata | ECHA                               | OECD Guideline 201 |
|              | Fish toxicity                                                         | NOEC 0,487 mg/l      | 28 d      | Oncorhynchus mykiss             | CONCAWE, Brussels, Belgium (2010)  |                    |
|              | Crustacea toxicity                                                    | NOEC 0,851 mg/l      | 21 d      | Daphnia magna                   | CONCAWE, Brussels, Belgium (2010)  |                    |
| 95-63-6      | 1,2,4-trimethylbenzene                                                |                      |           |                                 |                                    |                    |
|              | Acute fish toxicity                                                   | LC50 7,72 mg/l       | 96 h      | Pimephales promelas             | ECHA                               |                    |
|              | Acute crustacea toxicity                                              | EC50 3,6 mg/l        | 48 h      | Daphnia magna                   | ECHA                               |                    |
| 91-20-3      | naphthalene                                                           |                      |           |                                 |                                    |                    |
|              | Acute algae toxicity                                                  | ErC50 0,45 mg/l      | 72 h      | Skeletonema costatum            | Mar Environ Res 11, 183-200 (1984) |                    |

### 12.2. Persistence and degradability

The product has not been tested.

### 12.3. Bioaccumulative potential

The product has not been tested.

### Partition coefficient n-octanol/water

| CAS No       | Chemical name                                                         | Log Pow |
|--------------|-----------------------------------------------------------------------|---------|
| 1174522-09-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | >= 3,17 |
| 95-63-6      | 1,2,4-trimethylbenzene                                                | 3,63    |
| 91-20-3      | naphthalene                                                           | 3,4     |

### BCF

| CAS No       | Chemical name                                                         | BCF        | Species         | Source               |
|--------------|-----------------------------------------------------------------------|------------|-----------------|----------------------|
| 1174522-09-8 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | >= 44,6    |                 | REACH Registration D |
| 91-20-3      | naphthalene                                                           | 36,5 - 168 | Cyprinus carpio |                      |

### 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.

The product has not been tested.

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#### 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

#### 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.

##### **Contaminated packaging**

Hazardous waste according to Directive 2008/98/EC (waste framework directive). Handle contaminated packages in the same way as the substance itself.

### 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**

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Restrictions on use (REACH, annex XVII):

Entry 3, 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**

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**Abbreviations and acronyms**

Flam. Liq. 3: Flammable liquids, hazard category 3  
Acute Tox. 4: Acute toxicity, hazard category 4  
Asp. Tox. 1: Aspiration hazard, hazard category 1  
Skin Irrit. 2: Skin irritation, hazard category 2  
Eye Irrit. 2: Eye irritation, hazard category 2  
Carc. 2: Carcinogenicity, hazard category 2  
STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3  
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1  
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1  
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  
EC/EEC: European Community/European Economic Community  
EU: European Union  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
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  
M-factor: Multiplying factor  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
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)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
DGR: Dangerous Goods Regulations  
ICAO: International Civil Aviation Organization  
TI: Technical Instructions  
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)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### HIGHTEC INJECTOR CLEANER FUEL

Revision: 23.06.2025

Product code: 23002

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

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Asp. Tox. 1; H304       | Calculation method       |
| Aquatic Chronic 3; H412 | Calculation method       |

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

|        |                                                       |
|--------|-------------------------------------------------------|
| H226   | Flammable liquid and vapour.                          |
| H302   | Harmful if swallowed.                                 |
| H304   | May be fatal if swallowed and enters airways.         |
| H315   | Causes skin irritation.                               |
| H319   | Causes serious eye irritation.                        |
| H332   | Harmful if inhaled.                                   |
| H335   | May cause respiratory irritation.                     |
| H336   | May cause drowsiness or dizziness.                    |
| H351   | Suspected of causing cancer.                          |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| H411   | Toxic to aquatic life with long lasting effects.      |
| H412   | Harmful to aquatic life with long lasting effects.    |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

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