

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 23.11.2022

Version number 1.1 (replaces version 1.0)

Revision: 23.11.2022

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

- **1.1 Product identifier**
- **Trade name:** **PROFI-CAR ULTRA PROTECT 5 DIESEL**
- **Article number:** 60062
- **UFI:** UMAC-R53T-W00W-43EW
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Additive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
PROFI-TECH GmbH  
Otto-Lilienthal-Straße 2  
88046 Friedrichshafen  
Deutschland +49 7541 402860
- **Further information obtainable from:** Product Safety Department
- **1.4 Emergency telephone number:**  
24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)  
24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



health hazard

Asp. Tox. 1      H304 May be fatal if swallowed and enters airways.



Eye Irrit. 2      H319 Causes serious eye irritation.

Aquatic Chronic 3      H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS07    GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**  
Naphtha (petroleum), hydrotreated heavy  
Solvent naphtha (petroleum), heavy arom.
- **Hazard statements**  
H319 Causes serious eye irritation.

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GB

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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.

P280 Wear eye protection / face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

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

Description: Mixture of substances listed below with nonhazardous additions.

**Dangerous components:**

|  |  |             |
|--|--|-------------|
| CAS: 64742-48-9<br>EC number: 918-481-9<br>Index number: 649-327-00-6<br>Reg.nr.: 01-219457273-39-XXXX | Naphtha (petroleum), hydrotreated heavy<br>⚠ Asp. Tox. 1, H304   | >80–≤100%   |
| CAS: 27247-96-7<br>EINECS: 248-363-6<br>Reg.nr.: 01-2119539586-27-XXXX                                 | 2-ethylhexyl nitrate<br>⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332                          | ≥2.5–≤10%   |
| CAS: 64742-94-5<br>EINECS: 265-198-5<br>Index number: 649-424-00-3<br>Reg.nr.: 01-2119463583-34-XXXX   | Solvent naphtha (petroleum), heavy arom.<br>⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336                            | ≥2.5–≤5%    |
| CAS: 68603-38-3<br>EINECS: 271-653-9   | Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)<br>⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315                                       | ≥1–<3%      |
| CAS: 104-76-7<br>EINECS: 203-234-3<br>Reg.nr.: 01-2119487289-20-XXXX                                   | 2-Ethyl-1-hexanol<br>⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335                                      | ≥0.1–≤5%    |
| CAS: 91-20-3<br>EINECS: 202-049-5<br>Index number: 601-052-00-2  | naphthalene<br>⚠ Carc. 2, H351; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302                                   | ≥0.25–≤1%   |
| CAS: 68071-17-0<br>EC number: 683-342-9  | Poly(oxy-, 1,2-ethanediyl), .alpha.-isodecyl-.omega.-hydroxy-phosphate, potassium salt<br>⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319      | ≥0.1–≤1%    |
| CAS: 1189173-42-9<br>EC number: 918-811-1<br>Reg.nr.: 01-2119463588-24-XXXX                            | HYDROCARBONS, C10, aromatics, <1% naphthalene [Solvent naphtha (petroleum), heavy arom.]<br>⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336 | ≥0.1–<0.25% |

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|  |  |              |
|--|--|--------------|
| CAS: 111-42-2<br>EINECS: 203-868-0<br>Index number: 603-071-00-1<br>Reg.nr.: 01-2119488930-28-XXXX       | 2,2'-iminodiethanol<br>⚠ STOT RE 2, H373; ⚠ Eye Dam. 1, H318;<br>⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315   | ≥0.1–<1%     |
| CAS: 95-63-6<br>EINECS: 202-436-9<br>Index number: 601-043-00-3  | 1,2,4-trimethylbenzene<br>⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315;<br>Eye Irrit. 2, H319; STOT SE 3, H335   | ≥0.1–<0.25%  |
| CAS: 210555-94-5<br>EC number: 310-154-3<br>Index number: 604-092-00-9<br>Reg.nr.: 01-2119513207-49-XXXX | phenol, 4-dodecyl-, branched<br>⚠ Repr. 2, H361f; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10);<br>Aquatic Chronic 1, H410 (M=10)   | ≥0.025–≤0.1% |
| CAS: 107-15-3<br>EINECS: 203-468-6<br>Index number: 612-006-00-6<br>Reg.nr.: 01-2119480383-37            | ethylenediamine<br>⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 3, H311;<br>⚠ Resp. Sens. 1, H334; ⚠ Skin Corr. 1B, H314;<br>Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412 | ≥0.01–<0.1%  |

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

|   |      |
|---|------|
| aliphatic hydrocarbons  | ≥30% |
| non-ionic surfactants, preservation agents (phenol, 4-dodecyl-, branched) | <5%  |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

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- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

##### · **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 104-76-7 2-Ethyl-1-hexanol**WEL Long-term value: 5.4 mg/m<sup>3</sup>, 1 ppm

##### · **DNELs**

**CAS: 27247-96-7 2-ethylhexyl nitrate**

|            |                            |                                     |
|------------|----------------------------|-------------------------------------|
| Oral       | Long Term Systemic Effects | 0.025 mg/kg bw/day (Consumers)      |
| Dermal     | Long Term Local Effects    | 0.022 mg/kg bw/day (Consumers)      |
|            |                            | 0.044 mg/kg bw/day (Workers)        |
| Inhalative | Long Term Systemic Effects | 0.52 mg/kg bw/day (Consumers)       |
|            |                            | 1 mg/kg bw/day (Workers)            |
|            | Long Term Systemic Effects | 0.087 mg/m <sup>3</sup> (Consumers) |
|            |                            | 0.35 mg/m <sup>3</sup> (Workers)    |

**CAS: 64742-94-5 Solvent naphtha (petroleum), heavy arom.**

|            |                            |                                  |
|------------|----------------------------|----------------------------------|
| Oral       | Long Term Systemic Effects | 7.5 mg/kg bw/day (Consumers)     |
| Dermal     | Long Term Systemic Effects | 7.5 mg/kg bw/day (Consumers)     |
|            |                            | 12.5 mg/kg bw/day (Workers)      |
| Inhalative | Long Term Systemic Effects | 32 mg/m <sup>3</sup> (Consumers) |
|            |                            | 151 mg/m <sup>3</sup> (Workers)  |

**CAS: 68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

|            |                            |                                     |
|------------|----------------------------|-------------------------------------|
| Oral       | Long Term Systemic Effects | 6.25 mg/kg bw/day (Consumers)       |
| Dermal     | Long Term Systemic Effects | 2.5 mg/kg bw/day (Consumers)        |
|            |                            | 4.16 mg/kg bw/day (Workers)         |
| Inhalative | Long Term Systemic Effects | 21.73 mg/m <sup>3</sup> (Consumers) |

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|  |                            |                                     |
|--|----------------------------|-------------------------------------|
|  |                            | 73 mg/m <sup>3</sup> (Workers)      |
| <b>CAS: 104-76-7 2-Ethyl-1-hexanol</b>   |                            |                                     |
| Oral   | Long Term Systemic Effects | 1.1 mg/kg bw/day (Consumers)        |
| Dermal   | Long Term Systemic Effects | 11.4 mg/kg bw/day (Consumers)       |
|  |                            | 23 mg/kg bw/day (Workers)           |
| Inhalative   | Acute Local Effects        | 53.2 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 106.4 mg/m <sup>3</sup> (Workers)   |
|  | Long Term Local Effects    | 26.6 mg/m <sup>3</sup> (Consumers)  |
|  | Long Term Systemic Effects | 2.3 mg/m <sup>3</sup> (Consumers)   |
|  |                            | 53.2 mg/m <sup>3</sup> (Workers)    |
| <b>CAS: 91-20-3 naphthalene</b>  |                            |                                     |
| Dermal   | Long Term Systemic Effects | 3.57 mg/kg bw/day (Workers)         |
| Inhalative   | Acute Local Effects        | 25 mg/m <sup>3</sup> (Workers)      |
|  | Long Term Systemic Effects | 25 mg/m <sup>3</sup> (Workers)      |
| <b>CAS: 1189173-42-9 HYDROCARBONS, C10, aromatics, &lt;1% naphthalene [Solvent naphtha (petroleum), heavy arom.]</b> |                            |                                     |
| Oral   | Long Term Systemic Effects | 7.5 mg/kg bw/day (Consumers)        |
| Dermal   | Long Term Systemic Effects | 7.5 mg/kg bw/day (Consumers)        |
|  |                            | 12.5 mg/kg bw/day (Workers)         |
| Inhalative   | Long Term Systemic Effects | 32 mg/m <sup>3</sup> (Consumers)    |
|  |                            | 151 mg/m <sup>3</sup> (Workers)     |
| <b>CAS: 111-42-2 2,2'-iminodiethanol</b>   |                            |                                     |
| Oral   | Long Term Systemic Effects | 0.06 mg/kg bw/day (Consumers)       |
| Dermal   | Long Term Systemic Effects | 0.07 mg/kg bw/day (Consumers)       |
|  |                            | 0.13 mg/kg bw/day (Workers)         |
| Inhalative   | Long Term Local Effects    | 0.25 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 1 mg/m <sup>3</sup> (Workers)       |
| <b>CAS: 95-63-6 1,2,4-trimethylbenzene</b>   |                            |                                     |
| Oral   | Long Term Systemic Effects | 15 mg/kg bw/day (Consumers)         |
| Dermal   | Long Term Systemic Effects | 9,512 mg/kg bw/day (Consumers)      |
|  |                            | 16,171 mg/kg bw/day (Workers)       |
| Inhalative   | Acute Local Effects        | 29.4 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 100 mg/m <sup>3</sup> (Workers)     |
|  | Acute Systemic Effects     | 29.4 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 100 mg/m <sup>3</sup> (Workers)     |
|  | Long Term Local Effects    | 29.4 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 100 mg/m <sup>3</sup> (Workers)     |
|  | Long Term Systemic Effects | 29.4 mg/m <sup>3</sup> (Consumers)  |
|  |                            | 100 mg/m <sup>3</sup> (Workers)     |
| <b>CAS: 210555-94-5 phenol, 4-dodecyl-, branched</b>   |                            |                                     |
| Oral   | Acute Local Effects        | 1.26 mg/kg bw/day (Consumers)       |
|  | Long Term Systemic Effects | 0.075 mg/kg bw/day (Consumers)      |
| Dermal   | Acute Systemic Effects     | 50 mg/kg bw/day (Consumers)         |
|  |                            | 166 mg/kg bw/day (Workers)          |
|  | Long Term Systemic Effects | 0.075 mg/kg bw/day (Consumers)      |
| Inhalative   | Acute Systemic Effects     | 13.26 mg/m <sup>3</sup> (Consumers) |
|  |                            | 44.18 mg/m <sup>3</sup> (Workers)   |

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|  |                            |  |
|--|----------------------------|--|
|  | Long Term Systemic Effects | 0.79 mg/m <sup>3</sup> (Consumers)<br>0.25 mg/m <sup>3</sup> (Workers) |
|--|----------------------------|--|

**CAS: 107-15-3 ethylenediamine**

|            |                            |                                |
|------------|----------------------------|--------------------------------|
| Oral       | Long Term Systemic Effects | 0.27 mg/kg bw/day (Consumers)  |
| Dermal     | Acute Systemic Effects     | 5 mg/kg bw/day (Workers)       |
|            | Long Term Systemic Effects | 3.6 mg/kg bw/day (Workers)     |
| Inhalative | Acute Systemic Effects     | 35 mg/m <sup>3</sup> (Workers) |
|            | Long Term Systemic Effects | 25 mg/m <sup>3</sup> (Workers) |

**PNECs****CAS: 27247-96-7 2-ethylhexyl nitrate**

|  |                       |  |
|--|-----------------------|--|
|  | Fresh Water           | 0.008 mg/l (Fresh Water)               |
|  | Marine Water          | 0.00074 mg/l (Marine Water)            |
|  | Soil ( Agricultural ) | 0.000191 mg/kg (Soil ( Agricultural )) |

**CAS: 68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)**

|  |                                     |  |
|--|-------------------------------------|--|
|  | Fresh Water                         | 0.007 mg/l (Fresh Water)                           |
|  | Marine Water                        | 0.0007 mg/l (Marine Water)                         |
|  | Marine Water Sediments              | 0.0973 mg/kg (Marine Water Sediments)              |
|  | Microorganismus in Sewage Treatment | 830,000 mg/l (Microorganismus in Sewage Treatment) |
|  | Soil ( Agricultural )               | 0.038 mg/kg (Soil ( Agricultural ))                |

**CAS: 104-76-7 2-Ethyl-1-hexanol**

|      |                                     |   |
|------|-------------------------------------|---|
| Oral | Secondary Poisoning                 | 55 mg/kg food (secondary poisoning)           |
|      | Fresh Water                         | 0.017 mg/l (Fresh Water)                      |
|      | Marine Water                        | 0.0017 mg/l (Marine Water)                    |
|      | Fresh Water Sediments               | 0.28 mg/kg (Fresh Water Sediments)            |
|      | Marine Water Sediments              | 0.028 mg/kg (Marine Water Sediments)          |
|      | Microorganismus in Sewage Treatment | 10 mg/l (Microorganismus in Sewage Treatment) |
|      | Soil ( Agricultural )               | 0.047 mg/kg (Soil ( Agricultural ))           |
|      | Sporadic Release                    | 0.17 mg/l (Sporadic Release)                  |

**CAS: 91-20-3 naphthalene**

|  |                                     |  |
|--|-------------------------------------|--|
|  | Fresh Water                         | 0.0024 mg/l (Fresh Water)                      |
|  | Marine Water                        | 0.0024 mg/l (Marine Water)                     |
|  | Fresh Water Sediments               | 0.0672 mg/kg (Fresh Water Sediments)           |
|  | Marine Water Sediments              | 0.0672 mg/kg (Marine Water Sediments)          |
|  | Microorganismus in Sewage Treatment | 2.9 mg/l (Microorganismus in Sewage Treatment) |
|  | Soil ( Agricultural )               | 0.0533 mg/kg (Soil ( Agricultural ))           |

**CAS: 111-42-2 2,2'-iminodiethanol**

|  |                                     |  |
|--|-------------------------------------|--|
|  | Fresh Water                         | 0.0022 mg/l (Fresh Water)                      |
|  | Marine Water                        | 0.00022 mg/l (Marine Water)                    |
|  | Fresh Water Sediments               | 0.019 mg/kg (Fresh Water Sediments)            |
|  | Marine Water Sediments              | 0.0019 mg/kg (Marine Water Sediments)          |
|  | Microorganismus in Sewage Treatment | 100 mg/l (Microorganismus in Sewage Treatment) |
|  | Soil ( Agricultural )               | 0.00108 mg/kg (Soil ( Agricultural ))          |

**CAS: 95-63-6 1,2,4-trimethylbenzene**

|  |                       |                                     |
|--|-----------------------|-------------------------------------|
|  | Fresh Water           | 0.12 mg/l (Fresh Water)             |
|  | Marine Water          | 0.12 mg/l (Marine Water)            |
|  | Fresh Water Sediments | 13.56 mg/kg (Fresh Water Sediments) |

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|  |   |
|--|---|
| Marine Water Sediments                               | 13.56 mg/kg (Marine Water Sediments)            |
| Microorganismus in Sewage Treatment                  | 2.41 mg/l (Microorganismus in Sewage Treatment) |
| <b>CAS: 210555-94-5 phenol, 4-dodecyl-, branched</b> |   |
| Fresh Water Sediments                                | 0.226 mg/kg (Fresh Water Sediments)             |
| Marine Water Sediments                               | 0.0226 mg/kg (Marine Water Sediments)           |
| Microorganismus in Sewage Treatment                  | 100 mg/l (Microorganismus in Sewage Treatment)  |
| Soil ( Agricultural )                                | 0.118 mg/kg (Soil ( Agricultural ))             |

· **Additional information:** The lists valid during the making were used as basis.

### · 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Filter A/P2

· **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Recommended thickness of the material:  $\geq 0.4$  mm

· **Penetration time of glove material** Value for the permeation: Level  $\leq 4$ h

· **For the permanent contact gloves made of the following materials are suitable:**

Nitrile rubber, NBR

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

Neoprene gloves

· **Eye/face protection**



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

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

#### · General Information

· **Physical state**

Fluid

· **Colour:**

Amber coloured

· **Odour:**

Characteristic

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|   |   |
|---|---|
| · <b>Odour threshold:</b>   | Not determined.   |
| · <b>Melting point/freezing point:</b>                            | Undetermined.   |
| · <b>Boiling point or initial boiling point and boiling range</b> | 180–250 °C  |
| · <b>Flammability</b>   | Not applicable.   |
| · <b>Lower and upper explosion limit</b>                          |   |
| · <b>Lower:</b>   | 0.5 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics) |
| · <b>Upper:</b>   | 7 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)   |
| · <b>Flash point:</b>   | 63 °C   |
| · <b>Ignition temperature:</b>                                    | >200 °C   |
| · <b>Decomposition temperature:</b>                               | Not determined.   |
| · <b>pH</b>   | Mixture is non-polar/aprotic.   |
| · <b>Viscosity:</b>   |   |
| · <b>Kinematic viscosity at 20 °C</b>                             | 1.6 mm <sup>2</sup> /s  |
| · <b>Dynamic:</b>   | Not determined.   |
| · <b>Solubility</b>   |   |
| · <b>water:</b>   | Not miscible or difficult to mix.   |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.   |
| · <b>Vapour pressure:</b>   | Not determined.   |
| · <b>Density and/or relative density</b>                          |   |
| · <b>Density at 20 °C:</b>  | 0.815 g/cm <sup>3</sup>   |
| · <b>Relative density</b>   | Not determined.   |
| · <b>Vapour density</b>   | Not determined.   |

|  |   |
|--|---|
| · <b>9.2 Other information</b>   |   |
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Fluid   |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Auto-ignition temperature:</b>  | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>  |   |
| · <b>Organic solvents:</b>   | 87–<89.3 %                                    |
| · <b>VOC (EC)</b>  | 745–<787.3 g/l                                |
| · <b>Change in condition</b>   |   |
| · <b>Evaporation rate</b>  | Not determined.                               |

|  |      |
|--|------|
| · <b>Information with regard to physical hazard classes</b>                        |      |
| · <b>Explosives</b>  | Void |
| · <b>Flammable gases</b>   | Void |
| · <b>Aerosols</b>  | Void |
| · <b>Oxidising gases</b>   | Void |
| · <b>Gases under pressure</b>  | Void |
| · <b>Flammable liquids</b>   | Void |
| · <b>Flammable solids</b>  | Void |
| · <b>Self-reactive substances and mixtures</b>                                     | Void |
| · <b>Pyrophoric liquids</b>  | Void |
| · <b>Pyrophoric solids</b>   | Void |
| · <b>Self-heating substances and mixtures</b>                                      | Void |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void |
| · <b>Oxidising liquids</b>   | Void |
| · <b>Oxidising solids</b>  | Void |
| · <b>Organic peroxides</b>   | Void |
| · <b>Corrosive to metals</b>   | Void |

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· **Desensitised explosives**

Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

#### ATE (Acute Toxicity Estimates)

|            |          |                     |
|------------|----------|---------------------|
| Oral       | LD50     | 6,850–11,417 mg/kg  |
| Dermal     | LD50     | 15,070–25,117 mg/kg |
| Inhalative | LC50/4 h | >130–<218 mg/l      |

#### CAS: 64742-48-9 Naphtha (petroleum), hydrotreated heavy

|        |      |                    |
|--------|------|--------------------|
| Oral   | LD50 | >5,000 mg/kg (rat) |
| Dermal | LD50 | >3,000 mg/kg (rab) |

#### CAS: 64742-94-5 Solvent naphtha (petroleum), heavy arom.

|            |          |                      |
|------------|----------|----------------------|
| Dermal     | LD50     | 2,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >590 mg/l (rat)      |

#### CAS: 104-76-7 2-Ethyl-1-hexanol

|            |         |                            |
|------------|---------|----------------------------|
| Oral       | LD50    | 3,290 mg/kg /OECD 40 (rat) |
| Dermal     | LD50    | >3,000 mg/kg /OECD 4 (rat) |
| Inhalative | LC0, 4h | 0.89 mg/l /OECD 403 (rat)  |

#### CAS: 91-20-3 naphthalene

|        |                  |                   |
|--------|------------------|-------------------|
| Oral   | LD50             | 490 mg/kg (rat)   |
| Dermal | LD50             | 5,000 mg/kg (rat) |
|        | LC50 (Dampf), 4h | >0.41 mg/l (rat)  |

#### CAS: 111-42-2 2,2'-iminodiethanol

|        |      |                       |
|--------|------|-----------------------|
| Oral   | LD50 | 1,600 mg/kg (rat)     |
| Dermal | LD50 | 12,200 mg/kg (rabbit) |

#### CAS: 95-63-6 1,2,4-trimethylbenzene

|      |      |                    |
|------|------|--------------------|
| Oral | LD50 | >5,000 mg/kg (rat) |
|------|------|--------------------|

#### CAS: 107-15-3 ethylenediamine

|            |          |                    |
|------------|----------|--------------------|
| Oral       | LD50     | 500 mg/kg (rat)    |
| Dermal     | LD50     | 730 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 0.3 mg/l (mouse)   |

- **Serious eye damage/irritation** Causes serious eye irritation.
- **Aspiration hazard** May be fatal if swallowed and enters airways.

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**Additional toxicological information:****CAS: 104-76-7 2-Ethyl-1-hexanol**

|      |                  |                   |
|------|------------------|-------------------|
| Oral | NOAEL (24month)  | 200 mg/kg (mouse) |
|      | NOAEL (rat, 90d) | 0.6384 mg/l (rat) |

**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:****CAS: 27247-96-7 2-ethylhexyl nitrate**

|                     |                    |
|---------------------|--------------------|
| LC50 96h (OECD 203) | 2 mg/l (Fish)      |
| EC50 48h (OECD 202) | >10 mg/l (daphnia) |
| EC50 72h (OECD 201) | 1–10 mg/l (Algae)  |

**CAS: 64742-94-5 Solvent naphtha (petroleum), heavy arom.**

|                        |   |
|------------------------|---|
| EC50 48h (OECD 202)    | mg/l (rat)  |
| EL50 48h               | 3–10 mg/l (daphnia)                                 |
| LL50 96h               | 2–5 mg/l ( <i>Pseudokirchneriella subcapitata</i> ) |
| EL50 72h               | 1–3 mg/l (Algae)                                    |
| log Kow                |   |
| BCF, no Bioakumulation | <100  |

**CAS: 104-76-7 2-Ethyl-1-hexanol**

|                     |                   |
|---------------------|-------------------|
| LC50 96h (OECD 203) | 17.1 mg/l (fis)   |
| EC50 48h (OECD 202) | 39 mg/l (daphnia) |
| EC50 72h (OECD 201) | 11.5 mg/l (Algae) |
| log Kow             | 2.9               |

**CAS: 91-20-3 naphthalene**

|                        |                    |
|------------------------|--------------------|
| LC50 96h (OECD 203)    | 0.11 mg/l (Fish)   |
| IC50 24h               | 29 mg/l (Bacteria) |
| ErC50 72h              | 0.4 mg/l (Algae)   |
| BCF, no Bioakumulation | 36.5–168           |

**CAS: 111-42-2 2,2'-iminodiethanol**

|                     |                 |
|---------------------|-----------------|
| LC50 96h (OECD 203) | 100 mg/l (Fish) |
|---------------------|-----------------|

**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Remark:** Harmful to fish**Additional ecological information:****General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

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Harmful to aquatic organisms

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### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### · Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

### SECTION 14: Transport information

#### · 14.1 UN number or ID number

· ADR, IMDG, IATA not regulated

#### · 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA not regulated

#### · 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class not regulated

#### · 14.4 Packing group

· ADR, IMDG, IATA not regulated

#### · 14.5 Environmental hazards:

Not applicable.

#### · 14.6 Special precautions for user

Not applicable.

#### · 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

#### · UN "Model Regulation":

not regulated

### SECTION 15: Regulatory information

#### · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### · Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

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H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H351 Suspected of causing cancer.  
 H361f Suspected of damaging fertility.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 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.

### Abbreviations and acronyms:

ADR: Accord relatif au transport international 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 Harmonised 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 (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 DNEL: Derived No-Effect Level (UK REACH)  
 PNEC: Predicted No-Effect Concentration (UK REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Acute Tox. 3: Acute toxicity – Category 3  
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
 Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Resp. Sens. 1: Respiratory sensitisation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Carc. 2: Carcinogenicity – Category 2  
 Repr. 2: Reproductive toxicity – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

\* **Data compared to the previous version altered.**

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