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

1.1. Product identifier

DPF Power Clean

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

Use of the substance/mixture
- cleaning solvent for diesel particulate filter

1.3. Details of the supplier of the safety data sheet

Company name: CTP GmbH
Street: Saalfelder Strasse 35h
Place: D-07338 Leutenberg
Telephone: +49 (0)36734 230-0
Fax: +49 (0)36734 230-22
E-mail: msds@bluechemgroup.com
Contact person: Jens Moeller, Dipl.-Chem.
Telephone: +49 (0)36734 230-19
Internet: www.bluechemgroup.com

1.4. Emergency telephone number:

For Germany: +49-361-730730 (24 hours/7 days)

Further Information
Article Number: 33450, 33452, 33453, 33454, 33456, 33459

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008
Hazard categories:
- Aspiration hazard: Asp. Tox. 1
Hazard Statements:
- May be fatal if swallowed and enters airways.

2.2. Label elements

Regulation (EC) No. 1272/2008
Hazard components for labelling
- Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics
- alkanes, c11-15-iso-
- solvent naphtha

Signal word: Danger

Pictograms:

Hazard statements
H304 May be fatal if swallowed and enters airways.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe vapour/aerosol.
P270 Do not eat, drink or smoke when using this product.
P301P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of this material and its container to hazardous or special waste collection point.
2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-48-9</td>
<td>Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, &lt; 2% Aromatics</td>
<td></td>
<td></td>
<td></td>
<td>80 -&lt; 100 %</td>
<td></td>
</tr>
<tr>
<td>918-481-9</td>
<td>01-2119457273-39</td>
<td></td>
<td></td>
<td></td>
<td>Asp. Tox. 1; H304 EUH066</td>
<td></td>
</tr>
</tbody>
</table>

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

SECTION 4: First aid measures

4.1. Description of first aid measures

**General information**
Move victim to fresh air. Put victim at rest and keep warm.

**After inhalation**
Move victim to fresh air. Put victim at rest and keep warm.
In case of difficulties of breathing consult physician.
If victim is at risk of losing consciousness, position and transport on their side.

**After contact with skin**
Take off immediately all contaminated clothing, including underwear and shoes.
After contact with skin, wash immediately with plenty of water and soap.
Rub greasy ointment into the skin.

**After contact with eyes**
Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
Consult physician.

**After ingestion**
Let water be drunken in little sips (dilution effect). Consult physician.

4.2. Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.
After ingestion: Harmful: may cause lung damage if swallowed.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

4.3. Indication of any immediate medical attention and special treatment needed

Warning about danger of aspiration.

SECTION 5: Firefighting measures

5.1. Extinguishing media

**Suitable extinguishing media**
Extinguishing powder.
Sand.
alcohol resistant foam.
### SECTION 5: Fire-fighting procedures

#### 5.2. Special hazards arising from the substance or mixture
Formation of decomposition products possible. In case of fire and/or explosion do not breathe fumes.

#### 5.3. Advice for firefighters

**In case of fire:** Wear self-contained breathing apparatus.

**Additional information**
- Cool endangered container in case of fire.
- Contaminated fire-fighting water must be collected separately.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures
In case of fire: Wear self-contained breathing apparatus. Keep away from sources of ignition. - No smoking.

#### 6.2. Environmental precautions
Beat down gas/vapours/mist with water spray. Do not empty into drains or the aquatic environment. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### 6.3. Methods and material for containment and cleaning up
Prevent spreading of spillages (e.g. by oil barrier). Wipe up with absorbent material (eg. cloth, fleece).

#### 6.4. Reference to other sections
No data

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Advice on safe handling**
- Closed devices. Vapours / aerosols must be extracted by suction immediately at point of origin.
- Avoid contact with skin and eyes.

**Advice on protection against fire and explosion**
- Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

#### 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.

**Further information on storage conditions**
Packaging materials: metal.

#### 7.3. Specific end use(s)
No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

**Protective and hygiene measures**
- When using do not eat, drink or smoke.
- Wash hands before breaks and after work.
Eye/face protection
   Wear tightly sealed safety glasses against possible splashes into the eyes. (DIN EN 166)

Hand protection
   Tested protective gloves are to be worn: Butyl rubber. (DIN EN 374)

Skin protection
   Wear suitable solvent-proof protective clothing according to EN 465.

Respiratory protection
   In case of accumulation of fumes/aerosols, provide adequate ventilation.
   In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>transparent</td>
</tr>
<tr>
<td>Odour:</td>
<td>aromatic</td>
</tr>
</tbody>
</table>

Changes in the physical state

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>transparent</td>
</tr>
<tr>
<td>Odour:</td>
<td>aromatic</td>
</tr>
</tbody>
</table>

Flash point: 62 °C
Ignition temperature: > 200 °C
Vapour pressure: 20 hPa (at 20 °C)
Density (at 20 °C): 0.78-0.82 g/cm³
Water solubility: insoluble

Solubility in other solvents
   Organic solvents

9.2. Other information

No data

SECTION 10: Stability and reactivity

10.1. Reactivity
   No information available.

10.2. Chemical stability
   No information available.

10.3. Possibility of hazardous reactions
   No information available.

10.4. Conditions to avoid
   Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials
   Oxidizing agents, acid, concentrated. Alkalis (alkalis), concentrated.

10.6. Hazardous decomposition products
   Carbon monoxide (CO).
   Carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-48-9</td>
<td>Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, &lt; 2% Aromatics</td>
<td>oral</td>
<td>LD50</td>
<td>&gt; 5000</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt; 5000</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) gas</td>
<td>LC50</td>
<td>&gt; 5 ppm</td>
<td>Rat</td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.
After ingestion:
Harmful: may cause lung damage if swallowed.

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Method</th>
<th>Source</th>
<th>Species</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
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</thead>
<tbody>
<tr>
<td>64742-48-9</td>
<td>Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, &lt; 2% Aromatics</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>1000</td>
<td>96 h</td>
<td>Oncorhynchus mykiss</td>
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<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>EC50</td>
<td>1000</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata</td>
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<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>1000</td>
<td>48 h</td>
<td>Daphnia magna (Big water flea)</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water.
Low potential of bio-accumulation.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Do not dispose with household waste.
Do not empty into drains or the aquatic environment.
Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.
Arrange about the exact waste code with the local waste disposal expert.
Contaminated packaging
Contaminated packing must be completely emptied and can be re-used following appropriate cleaning. Do not pierce, cut up or weld unclean container. (Explosion hazard.)

SECTION 14: Transport information

Land transport (ADR/RID)
14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -
Other applicable information (land transport)
No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)
Other applicable information (inland waterways transport)
No dangerous good in sense of these transport regulations.

Marine transport (IMDG)
Other applicable information (marine transport)
No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)
Other applicable information (air transport)
No dangerous good in sense of these transport regulations.

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No information available.

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 28: Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics

Additional information
Contains:
> 30 % hydrocarbons, aliphatic.

National regulatory information
Water contaminating class (D): 2 - clearly water contaminating

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

SECTION 16: Other information

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asp. Tox. 1; H304</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>
Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances 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 hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)