

**DPF-Flushing Liquid**

Print date: 16.12.2015

Product code: 1311

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

DPF-Flushing Liquid

**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 35     |                            |
| Place:          | D-07338 Leutenberg        |                            |
| Telephone:      | +4936734/230-0            | Telefax: +4936734/230-22   |
| e-mail:         | hotline@ctp-gmbh.de       |                            |
| Contact person: | Jens Moeller, Dipl.-Chem. | Telephone: +4936734/230-19 |
| Internet:       | www.ctp-gmbh.de           |                            |

**1.4. Emergency telephone number:**

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

**Further Information**

Article Number: 33440, 33449

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1A

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazardous components which must be listed on the label**

sodium carbonate

trisodium phosphate

sodium meta silicate x 5 H<sub>2</sub>O**Signal word:** Danger**Pictograms:****Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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P310 present and easy to do. Continue rinsing.  
 P405 Immediately call a POISON CENTER/doctor.  
 P501 Store locked up.  
 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**

**Chemical characterization**

nonionic tensides  
 corrosion preventing agent

**Hazardous components**

| CAS No     | Chemical name                                                   |              |          | Quantity  |
|------------|-----------------------------------------------------------------|--------------|----------|-----------|
|            | EC No                                                           | Index No     | REACH No |           |
|            | Classification according to Regulation (EC) No. 1272/2008 [CLP] |              |          |           |
| 497-19-8   | sodium carbonate                                                |              |          | 1 - < 5 % |
|            | 207-838-8                                                       | 011-005-00-2 |          |           |
|            | Eye Irrit. 2; H319                                              |              |          |           |
| 10101-89-0 | trisodium phosphate                                             |              |          | 1 - < 5 % |
|            | 231-509-8                                                       |              |          |           |
|            | Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335          |              |          |           |
| 6834-92-0  | sodium meta silicate x 5 H2O                                    |              |          | 1 - < 5 % |
|            | 229-912-9                                                       |              |          |           |
|            | Met. Corr. 1, Skin Corr. 1B, STOT SE 3; H290 H314 H335          |              |          |           |

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Immediately remove any wetted clothing, shoes or stockings.  
 Avoid contact with skin and eyes.

**After inhalation**

No risks worthy of mention.

**After contact with skin**

After contact with skin, wash immediately with: Water and soap.  
 Take off immediately all contaminated clothing, including underwear and shoes .

**After contact with eyes**

If product gets into the eye, keep e4yelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting.  
 Do not allow a neutralisation agent to be drunk.

**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**

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No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water fog.  
Foam.  
Carbon dioxide.  
Extinguishing powder.  
Atomized water.

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

No information available.

**5.3. Advice for firefighters**

No information available.

**Additional information**

The product itself is not combustible.  
Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

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**

Avoid contact with skin and eyes.

**7.2. Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

Store only in original container.  
Protect against: frost.

**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**

Take off immediately all contaminated clothing  
Avoid contact with skin, eyes and clothes.

**Eye/face protection**

Tightly sealed safety glasses.



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according to Regulation (EC) No 1907/2006

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**Hand protection**  
rubber gloves.

## SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | liquid         |
| Colour:         | transparent    |
| Odour:          | characteristic |

#### Test method

|                      |         |
|----------------------|---------|
| pH-Value (at 20 °C): | 12 - 13 |
|----------------------|---------|

#### Changes in the physical state

|                                          |                             |
|------------------------------------------|-----------------------------|
| Melting point:                           | > 0 °C                      |
| Initial boiling point and boiling range: | > 98 °C                     |
| Flash point:                             | > 100 °C                    |
| Density (at 20 °C):                      | 1,0 - 1,1 g/cm <sup>3</sup> |
| Water solubility:<br>(at 20 °C)          | miscible.                   |

### 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

Do not mix with other chemicals or cleaners.

### 10.5. Incompatible materials

Do not mix with acids.

### 10.6. Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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**Acute toxicity**

| CAS No     | Chemical name                |        |             |         |        |
|------------|------------------------------|--------|-------------|---------|--------|
|            | Exposure routes              | Method | Dose        | Species | Source |
| 497-19-8   | sodium carbonate             |        |             |         |        |
|            | oral                         | LD50   | 4090 mg/kg  | Rat     | IUCLID |
| 10101-89-0 | trisodium phosphate          |        |             |         |        |
|            | oral                         | LD50   | >2000 mg/kg | Rat     |        |
| 6834-92-0  | sodium meta silicate x 5 H2O |        |             |         |        |
|            | oral                         | LD50   | >5000 mg/kg | Rat     |        |

**Irritation and corrosivity**

Irritating to eyes and skin.

**SECTION 12: Ecological information**

**12.1. Toxicity**

| CAS No     | Chemical name                |        |           |           |                     |        |
|------------|------------------------------|--------|-----------|-----------|---------------------|--------|
|            | Aquatic toxicity             | Method | Dose      | [h]   [d] | Species             | Source |
| 497-19-8   | sodium carbonate             |        |           |           |                     |        |
|            | Acute fish toxicity          | LC50   | 300 mg/l  | 96 h      | Lepomis macrochirus |        |
|            | Acute crustacea toxicity     | EC50   | 265 mg/l  | 48 h      | Daphnia magna       | IUCLID |
| 10101-89-0 | trisodium phosphate          |        |           |           |                     |        |
|            | Acute crustacea toxicity     | EC50   | 2400 mg/l | 48 h      | Leuciscus idus      |        |
| 6834-92-0  | sodium meta silicate x 5 H2O |        |           |           |                     |        |
|            | Acute fish toxicity          | LC50   | 210 mg/l  | 96 h      | Brachydanio rerio   |        |
|            | Acute crustacea toxicity     | EC50   | 216 mg/l  | 48 h      | Daphnia magna       |        |

**12.2. Persistence and degradability**

tensides biologically degradable.

**12.3. Bioaccumulative potential**

No indication of bio-accumulation potential.

**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.

**Further information**

Do not allow to enter into surface water or drains.

**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.

Arrange about the exact waste code with the local waste disposal expert.

due to the alkaline character of the product, usually, it has to be neutralized before contaminated effluents are

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introduced into the waste water treatment system.

**Waste disposal number of waste from residues/unused products**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified


**Waste disposal number of used product**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified


**Contaminated packaging**

Refer to manufacturer/supplier for information on recovery/recycling.

**SECTION 14: Transport information****Land transport (ADR/RID)**

|                                          |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14.1. UN number:</b>                  | UN 1719                                                                             |
| <b>14.2. UN proper shipping name:</b>    | CAUSTIC ALKALI LIQUID, N.O.S.<br>sodium meta silicate x 5 H <sub>2</sub> O          |
| <b>14.3. Transport hazard class(es):</b> | 8                                                                                   |
| <b>14.4. Packing group:</b>              | III                                                                                 |
| Hazard label:                            | 8                                                                                   |
|                                          |  |
| Classification code:                     | C5                                                                                  |
| Special Provisions:                      | 274                                                                                 |
| Limited quantity:                        | 5 L                                                                                 |
| Excepted quantity:                       | E1                                                                                  |
| Transport category:                      | 3                                                                                   |
| Hazard No:                               | 80                                                                                  |
| Tunnel restriction code:                 | E                                                                                   |

**Inland waterways transport (ADN)**

|                                          |                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14.1. UN number:</b>                  | UN 1719                                                                             |
| <b>14.2. UN proper shipping name:</b>    | CAUSTIC ALKALI LIQUID, N.O.S.<br>sodium meta silicate x 5 H <sub>2</sub> O          |
| <b>14.3. Transport hazard class(es):</b> | 8                                                                                   |
| <b>14.4. Packing group:</b>              | III                                                                                 |
| Hazard label:                            | 8                                                                                   |
|                                          |  |
| Classification code:                     | C5                                                                                  |
| Special Provisions:                      | 274                                                                                 |
| Limited quantity:                        | 5 L                                                                                 |
| Excepted quantity:                       | E1                                                                                  |

**Marine transport (IMDG)**


|                                          |                                                                            |
|------------------------------------------|----------------------------------------------------------------------------|
| <b>14.1. UN number:</b>                  | UN 1719                                                                    |
| <b>14.2. UN proper shipping name:</b>    | CAUSTIC ALKALI LIQUID, N.O.S.<br>sodium meta silicate x 5 H <sub>2</sub> O |
| <b>14.3. Transport hazard class(es):</b> | 8                                                                          |
| <b>14.4. Packing group:</b>              | III                                                                        |

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Hazard label: 8  
  
 Marine pollutant: -  
 Special Provisions: 223, 274  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-A, S-B

**Air transport (ICAO)**

**14.1. UN number:** UN 1719  
**14.2. UN proper shipping name:** CAUSTIC ALKALI LIQUID, N.O.S.  
 sodium meta silicate x 5 H<sub>2</sub>O  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
 Hazard label: 8



Special Provisions: A3 A803  
 Limited quantity Passenger: 1 L  
 Passenger LQ: Y841  
 Excepted quantity: E1  
 IATA-packing instructions - Passenger: 852  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 856  
 IATA-max. quantity - Cargo: 60 L

**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 MARPOL73/78 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**

**Additional information**

Contains:  
 < 5 % Phosphate  
 < 5 % nonionic tensides

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

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

|      |                                          |
|------|------------------------------------------|
| H290 | May be corrosive to metals.              |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H319 | Causes serious eye irritation.           |
| H335 | May cause respiratory irritation.        |

#### 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.

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