

Revision date: 28.05.2018

Product code: 2082

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

1.1. Product identifier

CleanTEC 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: cms CleanTEC GmbH
Street: Geretsrieder Str. 33
Place: D-84478 Waldkraiburg
Telephone: +49 (0)8638 8684160
Internet: www.cleantec-chemie.de

Telefax: +49 (0)8638 8684169

Further Information

Article Number: 104

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

Hazard components for labelling

sodium carbonate

trisodium phosphate

sodium meta silicate x 5 H₂O

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 or shower.

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

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of this material and its container to hazardous or special waste collection point.

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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]			
10101-89-0	trisodium phosphate			1 - < 5 %
	231-509-8		01-2119489800-32	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
497-19-8	sodium carbonate			1 - < 5 %
	207-838-8		01-2119485498-19	
	Eye Irrit. 2; H319			
10213-79-3	sodium meta silicate x 5 H ₂ O			1 - < 5 %
	229-912-9		01-2119449811-37	
	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 eyelid 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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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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.

Hand protection

rubber gloves.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	transparent
Odour:	characteristic
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 ³
Water solubility: (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 route	Dose	Species	Source	Method
10101-89-0	trisodium phosphate				
	oral	LD50 >2000 mg/kg	Rat		
497-19-8	sodium carbonate				
	oral	LD50 4090 mg/kg	Rat	IUCLID	
10213-79-3	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	Dose	[h] [d]	Species	Source	Method
10101-89-0	trisodium phosphate					
	Acute crustacea toxicity	EC50 mg/l	2400	48 h	Leuciscus idus	
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
10213-79-3	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.

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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 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 or supplier for information on recovery or recycling.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S.
sodium meta silicate x 5 H₂O
14.3. Transport hazard class(es): 8
14.4. Packing group: 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)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S.
sodium meta silicate x 5 H₂O
14.3. Transport hazard class(es): 8
14.4. Packing group: III
Hazard label: 8



Classification code: C5
Special Provisions: 274
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S.
sodium meta silicate x 5 H₂O
14.3. Transport hazard class(es): 8

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14.4. Packing group:

Hazard label:

III

8



Marine pollutant:

-

Special Provisions:

223, 274

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

UN 1719

14.2. UN proper shipping name:

CAUSTIC ALKALI LIQUID, N.O.S.
sodium meta silicate x 5 H₂O

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 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

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.

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SECTION 16: Other information

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.

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