

DPF-Flushing Liquid

Revision date: 29.07.2022

Product code: 1897

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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:	Bluechem Australia	
Street:	UNIT 4, 63 BRUNEL ROAD	
Place:	SEAFORD VICTORIA 3198 AUSTRALIA	
Telephone:	(03) 9311 4456	Telefax: (03) 9311 7712
e-mail:	admin@bluechemaustralia.com.au	
Contact person:	Neil Cochrane	
Internet:	www.bluechemaustralia.com.au	

1.4. Emergency telephone number:

Emergency 24 HOUR: Neil Cochrane (03) 9311 4456 or 0498 880 115

Further Information

Article Number: 33449

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

CLASSIFIED AS HAZARDOUS CHEMICAL ACCORDING TO SAFE WORK AUSTRALIA AND WHS CRITERIA.
CLASSIFIED AS DANGEROUS GOODS ACCORDING TO THE ADG CODE.
POISON SCHEDULE: 5

Classification according to WHS

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1C

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

Causes serious eye damage.

2.2. Label elements**Labeling according to WHS****Component(s) to be indicated on the label**

trisodium phosphate 1 -< 5 %

sodium carbonate 1 -< 5 %

sodium meta silicate x 5 H₂O 1 -< 5 %

non-hazardous ingredients > 85 %

Signal word: Danger**Pictograms:**

corrosion

Hazard statements

H314 Causes severe skin burns and eye damage.

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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 smoke/vapour/aerosole.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves and eye/face protection.
P310 Immediately call a POISON CENTER/doctor.
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.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 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

Mixture of the following substances with non-hazardous admixtures:
non-hazardous ingredients > 85 %

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
10101-89-0	trisodium phosphate			1 - < 5 %
	231-509-8		01-2119489800-32	
	Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3; H315 H319 H335			
497-19-8	sodium carbonate			1 - < 5 %
	207-838-8		01-2119485498-19	
	Eye Dam. 1, STOT SE 3; H318 H335			
6834-92-0	sodium meta silicate x 5 H2O			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 AUH phrases: 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.



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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

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

HAZCHEM: 2R

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

Information for safe handling look up chapter 7.

Information for personal protective equipment look up chapter 8.

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.



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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

Occupational Exposure Limits (OEL) - Australia

No information available.

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.

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
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Changes in the physical state

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

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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

Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
10101-89-0	trisodium phosphate			
	oral	LD50 >2000 mg/kg	Rat	
497-19-8	sodium carbonate			
	oral	LD50 4090 mg/kg	Rat	IUCLID
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	Dose	[h] [d]	Species	Source
10101-89-0	trisodium phosphate				
	Acute crustacea toxicity	EC50 2400 mg/l	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
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.

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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 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 (ADG)

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:

223, 274

Limited quantity:

5 L

Other applicable information (land transport)

HAZCHEM: 2R

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

14.4. Packing group:

III

Hazard label:

8



Marine pollutant:

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Special Provisions:

223, 274

Limited quantity:

5 L

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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

Additional information

POISON SCHEDULE: 5
AICS: ??

15.2. Chemical safety assessment

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

SECTION 16: Other information

Abbreviations and acronyms

ADG = Australian Code for the Transport of Dangerous Goods by Road & Rail
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships



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IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
HAZCHEM = HAZardous CHEMicals

WHS = Work Health and Safety
NOHSC = National Occupational Health and Safety Commission (Australia)
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (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.)