

# Safety Data Sheet

According to the Model WHS Regulations and the ADG code

## DPF Top Gun Cleaner - Particle Filter Cleaner -

Revision date: 01.02.2017

Product code: 1441

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

#### 1.1. Product identifier

DPF Top Gun Cleaner - Particle Filter Cleaner -

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

##### Use of the substance/mixture

Cleaning solven for diesel particulate filter

##### Uses advised against

All other uses are not recommended.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	Bluechem Australia	
Street:	Uni 2, 102 - 110 North View Drive	
Place:	Sunshine Victoria, 3020, Australia	
Telephone:	(03) 9311 4456	Telefax: (03) 9311 7712
e-mail:	admin@bluechemaustralia.com.au	
Internet:	www.bluechemaustralia.com.au	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

#### 1.4. Emergency telephone number:

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

#### Further Information

Article number: 3348

### 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 NON-DANGEROUS GOODS ACCORDING TO THE ADG CODE  
 POISON SCHEDULE: none allocated

##### Classification according to WHS

Hazard categories:  
 Serious eye damage/eye irritation: Eye Dam. 1  
 Hazard Statements:  
 Causes serious eye damage.

#### 2.2. Label elements

##### Component(s) to be indicated on the label

Isotridecanol, ethoxylated 1 - < 5 %  
 2-butoxyethanol 1 - < 5 %  
 non hazardous ingredients > 90 %

Signal word: Danger

##### Pictograms:



corrosive

##### Hazard statements

H318 Causes serious eye damage.

##### Precautionary statements

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

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P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P501	Dispose of contents/container to approved disposal company or local collection.

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Nonionic tensides.  
Corrosion prevention agent.  
Mixture of the following substances with non-hazardous admixtures:

#### Hazardous components

CAS No	Chemical name	Quantity
EC No	Classification according to WHS criteria	
69011-36-5	Isotridecanol, ethoxylated	1 - < 5 %
500-241-6	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412	
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	1 - < 5 %
203-905-0	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2A, Skin Irrit. 2; H332 H312 H302 H319 H315	
	non hazardous ingredients	> 90 %

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.

#### After inhalation

No risk 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.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

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

##### Unsuitable extinguishing media

No information available.

#### 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

HAZCHEM: none allocated.

#### 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 (e.g. 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.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Further information on storage conditions

Store onyl in original container.  
Protect from 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

CAS No.	Substance	ppm	mg/m3	Category	Origin	Notices

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111-76-2	2-Butoxyethanol	20	96.9	TWA	AES	Sk
111-76-2	2-Butoxyethanol	50	242	STEL	AES	Sk

AES: Australian Exposure Standard

Sk: Absorption through the skin may be a significant source of exposure.

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL

### 8.2. Exposure controls

#### Protective and hygiene measures

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

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Rubber gloves.

#### Skin protection

No information available.

#### Respiratory protection

No information available.

## 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): 10 - 11.5

#### Changes in the physical state

Melting point: &gt; 0 °C

Initial boiling point and boiling range: &gt; 98 °C

Flash point: &gt; 65 °C

Sustaining combustion: Not sustaining combustion

#### Flammability

Solid: No information available.

#### Explosive properties

No information available.

Lower explosion limits: No information available.

Ignition temperature: No information available.

#### Auto-ignition temperature

Solid: No information available.

Decomposition temperature: No information available.

#### Oxidizing properties

No information available.

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Vapour pressure:	No information available.
Density (at 20 °C):	0.99 - 1.1 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	Miscible
<b>Solubility in other solvents</b>	
Organic solvents	
Partition coefficient:	No information available.
Viscosity / dynamic:	No information available.
Viscosity / kinematic: (at 40 °C)	approx. 1.0 mm <sup>2</sup> /s
Vapour density:	No information available.
Evaporation rate:	No information available.

#### **9.2. Other information**

No information available.

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No information available.

#### **10.2. Chemical stability**

No decomposition if used as directed.

#### **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**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

##### **Irritation and corrosivity**

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

##### **Sensitising effects**

Based on available data, the classification criteria are not met.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

##### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

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### SECTION 12: Ecological information

#### **12.1. Toxicity**

No information available.

#### **12.2. Persistence and degradability**

Surfactants fully biodegradable.

#### **12.3. Bioaccumulative potential**

There is no indication of bioaccumulation 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 introduced into the waste water treatment system.

##### **Contaminated packaging**

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

### SECTION 14: Transport information

#### **Land transport (ADG)**

##### **14.1. UN number:**

No dangerous good in sense of this transport regulation.

##### **14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

##### **14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

##### **14.4. Packing group:**

No dangerous good in sense of this transport regulation.

##### **Other applicable information (land transport)**

HAZCHEM: none allocated

#### **Marine transport (IMDG)**

##### **14.1. UN number:**

No dangerous good in sense of this transport regulation.

##### **14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

##### **14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

##### **14.4. Packing group:**

No dangerous good in sense of this transport regulation.

#### **Air transport (ICAO-TI/IATA-DGR)**

##### **14.1. UN number:**

No dangerous good in sense of this transport regulation.

##### **14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

##### **14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

##### **14.4. Packing group:**

No dangerous good in sense of this transport regulation.

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#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

#### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No dangerous good in sense of this transport regulation.

### **SECTION 15: Regulatory information**

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

##### **EU regulatory information**

2004/42/EC (VOC): 3 %

##### **Additional information**

Contains: Regulation (EC) No 648/2004 (Regulation on detergents):  
< 5 % Non-ionic surfactants

##### **National regulatory information**

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

##### **Additional information**

Poison Schedule: none allocated  
All components of this mixture are listed on AICS.

#### **15.2. Chemical safety assessment**

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

### **SECTION 16: Other information**

#### **Changes**

Changes in chapter: -

#### **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  
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)**

H302 Harmful if swallowed.

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H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.

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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.)*