



Safety Data Sheet

bluechem 
GROUP

According to the Model WHS Regulations and the ADG code

Diesel Applicator Spray

Revision date: 08.06.2017

Product code: 1954

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

1.1. Product identifier

Diesel Applicator Spray

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

Use of the substance/mixture

Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Company name:	Bluechem Australia	
Street:	Unit 2, 102-110 NORTH VIEW DRIVE	
Place:	3020 SUNSHINE, VICTORIA, 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: 33149

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:

Aerosol: Aerosol 1

Serious eye damage/eye irritation: Eye Irrit. 2A

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labeling according to WHS

Component(s) to be indicated on the label

mixture of hydrocarbons (aromatic) C9-C10 40 -< 45 %

Distillates (petroleum, gasoline), hydrotreated light 5 -< 10 %

Signal word: Danger

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Pictograms:



flame - exclamation mark - health hazard - environment

Hazard statements

- H222 Extremely flammable aerosol.
- H229 Pressurised container: May burst if heated.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Do not pierce or burn, even after use.
- P260 Do not breathe aerosole/Gas/vapour.
- P261 Avoid breathing aerosole/Gas/vapour.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P314 Get medical advice/attention if you feel unwell.
- 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.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain mixtures

- AUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Solvent mixture
Synthetic agent combinations
Lubricants
Cleaning and care agent

Aerosol propellant:
Propane/butane-mixture

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
64742-95-6	mixture of hydrocarbons (aromatic) C9-C10			40 - < 45 %
	918-668-5		01-2119455851-35	
	Flam. Liq. 3, STOT SE 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H335 H336 H304 H411 AUH066			
108-32-7	Propylene carbonate			15 - < 20 %
	203-572-1		01-2119537232-48	
	Eye Irrit. 2A; H319			
100-51-6	Benzyl alcohol			15 - < 20 %
	202-859-9		01-2119492630-38	
	Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2A; H302 H332 H319			
106-97-8	Butane			10 - < 15 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1, Compressed gas; H220 H280			
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			5 - < 10 %
	919-164-8		01-2119473977-17	
	STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H372 H304 H412 AUH066			
74-98-6	propane			5 - < 10 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1, Compressed gas; H220 H280			

Full text of H and AUH phrases: see section 16

Further Information

According to note P to labelling (Australian Hazardous Substances Information System (HSIS)), "Solvent naphta (petroleum)" is not to be classified as "carcinogenic" or "mutagen" ingredient because a benzene content (EINECS No. 200-753-7) is below 0.1 % by weight.

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.



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After ingestion

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

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

Warning about danger of aspiration.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder.
Sand.
alcohol resistant foam.
Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

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.
HAZCHEM: none allocated

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 spread over a wide area (e.g. by containment or oil barriers).
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

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.



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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

Occupational Exposure Limits (OEL) - Australia

CAS No	Substance	ppm	mg/m ³	Category
106-97-8	Butane	800	1.900	TWA
106-97-8	Butane	-	-	STEL

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. 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

Provide for good ventilation, when develop aerosols/mist. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol
Colour:	colourless
Odour:	aromatic

Test method

Changes in the physical state

Flash point:	< 0 °C
Ignition temperature:	> 200 °C
Density (at 20 °C):	0.815-0.825 g/cm ³
Water solubility: (at 20 °C)	insoluble

Solubility in other solvents

Organic solvents

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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.

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

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
N/A	mixture of hydrocarbons (aromatic) C9-C10			
	oral	LD50 >3000 mg/kg	Rat	
	dermal	LD50 >3160 mg/kg	Rat	
108-32-7	Propylene carbonate			
	oral	LD50 29000 mg/kg	Rat	
	dermal	LD50 >20000 mg/kg	Rabbit	
100-51-6	Benzyl alcohol			
	oral	LD50 1230 mg/kg	Rat	
	dermal	LD50 2000 mg/kg	Rabbit	
	inhalative vapour	ATE 11 mg/l		
	inhalative (4 h) aerosol	LC50 >4,178 mg/l	Rat	
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >3400 mg/kg	Rabbit	

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.

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SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
N/A	mixture of hydrocarbons (aromatic) C9-C10				
	Acute fish toxicity	LC50	1 - 10 mg/l	96 h	Daphnia magna
108-32-7	Propylene carbonate				
	Acute fish toxicity	LC50	5300 mg/l	96 h	Leuciscus idus
	Acute algae toxicity	ErC50	900 mg/l	72 h	Algae
	Acute crustacea toxicity	EC50	500 mg/l	48 h	Daphnia magna
100-51-6	Benzyl alcohol				
	Acute fish toxicity	LC50	460 mg/l	96 h	Pimephales promelas (fathead minnow)
	Acute algae toxicity	ErC50	640 mg/l	96 h	Scenedesmus quadricauda
	Acute crustacea toxicity	EC50	400 mg/l	48 h	Daphnia magna (Big water flea)
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	10-100 mg/l	96 h	Oncorhynchus mykiss
	Acute algae toxicity	ErC50	50-100 mg/l	72 h	Pseudokirchneriella subcapitata
	Acute crustacea toxicity	EC50	10-22 mg/l	48 h	Daphnia magna

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water.

Low potential of bio-accumulation.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
74-98-6	propane	2,36

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.

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Do not pierce, cut up or weld unclean container. (Explosion hazard.)

SECTION 14: Transport information

Land transport (ADG)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: 190 327 344 625
Limited quantity: 1 L

Other applicable information (land transport)

HAZCHEM: none allocated

Marine transport (IMDG)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Marine pollutant: P
Special Provisions: 63, 190, 277, 327, 344, 959
Limited quantity: 1000 mL
Excepted quantity: E0
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

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14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: mixture of hydrocarbons (aromatic) C9-C10

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: Butane; Distillates (petroleum, gasoline), hydrotreated light

Additional information

Contains:

> 30 % hydrocarbons, aromatic.

5 - 15 % hydrocarbons, aliphatic.

National regulatory information

Water contaminating class (D): 2 - water contaminating

Additional information

POISON SCHEDULE: 5

All components of this mixture are listed on or exempted from 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

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



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LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (number and full text)

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H226 Flammable liquid and vapour.
- H229 Pressurised container: May burst if heated.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- AUH066 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.)