



Safety Data Sheet

bluechem 
GROUP

According to the Model WHS Regulations and the ADG code

Guard Fill Petrol

Revision date: 16.06.2017

Product code: 1969

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

1.1. Product identifier

Guard Fill Petrol

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

Use of the substance/mixture

Cleaning agent for Fuel Systems

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: 33023

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: 5

Classification according to WHS

Hazard categories:
Flammable liquid: Flam. Liq. 4
Aspiration hazard: Asp. Tox. 1
Serious eye damage/eye irritation: Eye Irrit. 2A
Carcinogenicity: Carc. 2
Specific target organ toxicity - repeated exposure: STOT RE 1
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Combustible liquid.
May be fatal if swallowed and enters airways.
Causes serious eye irritation.
Suspected of causing cancer.
Causes damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labeling according to WHS

Component(s) to be indicated on the label

Distillates (petroleum, gasoline), hydrotreated light 70 -< 75 %
Hydrocarbons, C10, aromatics, >1% naphthalene 5 -< 10 %
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics 3 -< 8 %
Hydrocarbons, C10-C13, aromatics, >1% naphthalene 1 -< 5 %
phenoles, ethoxylised 1 -< 5 %

Signal word: Danger

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Pictograms:



exclamation mark - health hazard

Hazard statements

- H227 Combustible liquid.
- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H304 May be fatal if swallowed and enters airways.
- H412 Harmful 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.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe vapour/aerosole.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves and eye/face protection.
- P281 Use personal protective equipment as required.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P331 Do NOT induce vomiting.
- P314 Get medical advice/attention if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- 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

- Surface tension compounds
- Detergents, Dispersants
- Synthetic agent combinations
- Anti wear agents not classified

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			70 - < 75 %
	919-164-8		01-2119473977-17	
	Flam. Liq. 4, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 3; H227 H372 H304 H412 AUH066			
64742-94-5	Hydrocarbons, C10, aromatics, >1% naphthalene			5 - < 10 %
	919-284-0		01-2119463588-24	
	Carc. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H351 H336 H304 H411			
64742-94-5	Hydrocarbons, C10-C13, aromatics, >1% naphthalene			1 - < 5 %
	926-273-4		01-2119451151-53	
	Carc. 2, Asp. Tox. 1, Aquatic Chronic 2; H351 H304 H411			
37205-87-1	phenoles, ethoxylised			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 2; H302 H318 H411			

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 naphtha (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.

After ingestion

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

4.2. Most important symptoms and effects, both acute and delayed

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.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

4.3. Indication of any immediate medical attention and special treatment needed

Warning about danger of aspiration.



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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 spreading of spillages (e.g. by oil barrier).
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.

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.



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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 data

8.2. Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke.
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

In case of accumulation of fumes/aerosols, provide adequate ventilation.
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:	liquid
Colour:	light yellow
Odour:	characteristic

Test method

Changes in the physical state

Flash point:	> 61 °C
Ignition temperature:	> 200 °C
Density (at 20 °C):	0.80-0.84 g/cm ³
Water solubility: (at 20 °C)	insoluble

Solubility in other solvents

Organic solvents

9.2. Other information

No data

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No decomposition when used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.



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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
64742-82-1	Distillates (petroleum, gasoline), hydrotreated light			
	oral	LD50 >5000 mg/kg	Rat	
	dermal	LD50 >3400 mg/kg	Rabbit	
37205-87-1	phenoles, ethoxylised			
	oral	LD50 2000 mg/kg	Rat	

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.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
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	
64742-94-5	Hydrocarbons, C10, aromatics, >1% naphthalene				
	Acute fish toxicity	LC50 2-5 mg/l	96 h	Fish	
	Acute algae toxicity	ErC50 1-3 mg/l	72 h	Algae	
	Acute crustacea toxicity	EC50 3-10 mg/l	48 h	Daphnia magna	
37205-87-1	phenoles, ethoxylised				
	Acute fish toxicity	LC50 1-10 mg/l	96 h	Brachydanio rerio	
	Acute algae toxicity	ErC50 1-10 mg/l	72 h	Scenedesmus subspicatus	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water.

Low potential of bio-accumulation.



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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.

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

SECTION 14: Transport information

Land transport (ADG)

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

HAZCHEM: none allocated

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

No dangerous good in sense of this transport regulation.

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

Authorisations (REACH, annex XIV):



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Substances of very high concern, SVHC (REACH, article 59):
phenoles, ethoxylised

Restrictions on use (REACH, annex XVII):

Entry 28: Distillates (petroleum, gasoline), hydrotreated light

Entry 46a: phenoles, ethoxylised

Additional information

Contains:

> 30 % hydrocarbons, aliphatic.

5 - 15 % hydrocarbons, aromatic.

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

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (number and full text)

H227 Combustible liquid.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.



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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.)