

Air Condition Foam Cleaner

Revision date: 21.06.2017

Product code: 1975

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

1.1. Product identifier

Air Condition Foam Cleaner

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

Use of the substance/mixture

Air conditioner 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: 35030

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
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.

2.2. Label elements

Labeling according to WHS

Component(s) to be indicated on the label

N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride < 1 %
non-hazardous ingredients > 65 %

Signal word: Danger

Pictograms:



flame

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

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.
- 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.
- 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.

2.3. Other hazards

Use biocides safely. Always read the label and product information before use.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Cleaning agent
Odour adsorber
chelating agent

Aerosol propellant:
Propane/butane-mixture
non-hazardous ingredients > 65 %

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
106-97-8	Butane			15 - < 20 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1, Compressed gas; H220 H280			
74-98-6	propane			5 - < 10 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1, Compressed gas; H220 H280			
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride			< 1 %
	270-325-2		01-2119983287-23	
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1 (M-Factor = 10); H302 H312 H314 H318 H400			

Full text of H and AUH phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid.
In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.



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

Irritation of eyes: Irritant effect possible.
: Vapours may cause drowsiness and dizziness.

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

All extinguishing media practicable.

5.2. Special hazards arising from the substance or mixture

The product itself is not combustible.

5.3. Advice for firefighters

HAZCHEM: none allocated

Additional information

Contaminated fire-fighting water must be collected separately.
Contaminated fire-fighting water must not get into the sewerage network.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No information available.

6.2. Environmental precautions

Provide for good ventilation, when develop aerosols/mist.
Keep away from heat.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Prevent spread over a wide area (e.g. by containment or oil barriers).

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 protection against fire and explosion

No decomposition when used as intended.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

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



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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

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.

Hand protection

Wear suitable gloves.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: colourless
Odour: perfumed

Test method

pH-Value (at 20 °C): 10,5

Changes in the physical state

Flash point: not applicable
Vapour pressure: < 12 hPa
(at 20 °C)
Density: 1,00 - 1,01 g/cm³
Water solubility: highly soluble.
(at 20 °C)

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.

10.4. Conditions to avoid

No decomposition when used as intended.
Do not store at temperatures under: 3 °C

10.5. Incompatible materials

Oxidizing agents, strong.
strong acids



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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
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride			
	oral	LD50 795 mg/kg	Rat	
	dermal	LD50 800 - 1420 mg/kg	Rat	

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
68424-85-1	N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride				
	Acute fish toxicity	LC50 0,93 mg/l	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 0,016 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

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

Waste disposal number of waste from residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

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Contaminated packaging

Dispose of waste according to applicable legislation.
Cleaned containers may be recycled.

SECTION 14: Transport information

Land transport (ADG)

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



Marine pollutant: -
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
Propane/butane-mixture
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



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IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

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

Restrictions on use (REACH, annex XVII):

Entry 29: Butane

Additional information

Contains:

Preservatives.

National regulatory information

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

Biocide registry number: N-59636 (Germany)

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



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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)

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

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.)