

## Air Condition Cleaner, Disinfectant

Revision date: 26.06.2017

Product code: 1980

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

#### 1.1. Product identifier

Air Condition Cleaner, Disinfectant

#### 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: 35120

### 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.

### Special labelling of certain mixtures

AUH018 In use may form flammable/explosive vapour-air mixture.

### 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	601-004-00-0		
	Flam. Gas 1; H220			
74-98-6	propane			5 - < 10 %
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			
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			
137-16-6	Sodium N-Lauroyl Sarcosinate			< 1 %
	205-281-5		01-2119527780-39	
	Acute Tox. 2, Skin Irrit. 2, Eye Dam. 1; H330 H315 H318			

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.



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#### **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.

#### **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**

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**



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### 8.1. Control parameters

#### Occupational Exposure Limits (OEL) - Australia

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

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	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:	aerosole
Colour:	colourless
Odour:	perfumed

pH-Value (at 20 °C):	10,5	<b>Test method</b>
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#### Changes in the physical state

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C
Flash point:	> 100 °C
Vapour pressure: (at 20 °C)	< 12 hPa
Density:	1,00 - 1,01 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	highly soluble.

### 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

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

### 10.5. Incompatible materials

Oxidizing agents, strong.  
strong acids

### 10.6. Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	
106-97-8	butane				
	inhalative (4 h) gas	LC50 273000 ppm	Rat	GESTIS	
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		
137-16-6	Sodium N-Lauroyl Sarcosinate				
	oral	LD50 >5000 mg/kg	Rat		
	inhalative (4 h) vapour	LC50 1,67 mg/l			
	inhalative (4 h) aerosol	LC50 1,67 mg/l			

#### Further information

Toxicological data are not available.  
The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## 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
106-97-8	butane	2,89
74-98-6	propane	2,36

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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

#### 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

#### Contaminated packaging

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

## SECTION 14: Transport information

### Land transport (ADG)

<b><u>14.1. UN number:</u></b>	UN 1950
<b><u>14.2. UN proper shipping name:</u></b>	AEROSOLS Propane/butane-mixture
<b><u>14.3. Transport hazard class(es):</u></b>	2
<b><u>14.4. Packing group:</u></b>	-
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)

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



Marine pollutant: -

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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  
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 28: butane

#### Additional information

Contains:  
Preservatives.

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating  
Biocide registry number: N-54888

#### 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



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#### 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)

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
AUH018 In use may form flammable/explosive vapour-air mixture.

#### 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.

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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.)*