

Air Cond Foam Cleaner Aerosol with apple-fragrance 250 ml

Revision date: 29.07.2022

Product code: 2370

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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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 4, 63 BRUNEL ROAD SEAFORD | |
| Place: | VICTORIA 3198 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: 35013

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 Aerosols. |
| 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. Read attached instructions before use. |
|--------|---|

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; H312 H302 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.



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After ingestion

Rinse mouth immediately and drink plenty of water.

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



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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

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: (at 20 °C) | < 12 hPa |
| Density: | 1,00 - 1,01 g/cm ³ |
| 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.

10.4. Conditions to avoid

No decomposition when used as intended.

Do not store at temperatures under: 3 °C

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10.5. Incompatible materials

Oxidizing agents, strong.
strong 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.

| 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 | |

Irritation and corrosivity

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.

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

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No information available.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

List of Wastes Code - 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

List of Wastes Code - 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)

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, 381, 959
Limited quantity: 1000 mL
Excepted quantity: E0
EmS: F-D, S-U

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Air transport (ICAO-TI/IATA-DGR)

| | |
|--|---|
| 14.1. UN number: | UN 1950 |
| 14.2. UN proper shipping name: | AEROSOLS, FLAMMABLE 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 29: Butane

Additional information

Contains:

Preservatives.

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Biocide registry number: N-83808

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

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

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)