

MATERIAL SAFETY DATA SHEET



ACOT500 Air-Con Odour Treatment Aerosol

Issued 24th March 2017

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT: ACOT500 Aerosol
PRODUCT DESCRIPTION: Air conditioner odour treatment
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SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE

- 2.1.1 Category 2.1 Aerosol
2.1.2 Additional Information

2.2. LABEL ELEMENTS

Pictogram(s):



Signal Word: Flammable, Irritant

Hazard Statement(s): See Section 15 – Regulatory Information

2.3 OTHER HAZARDS

No hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Name: | CAS No: | %: | Class: | Packing Group: | Flash Point: | UN: |
|---|-------------|------|--------|----------------|--------------|------|
| Ethyl Alcohol (Ethanol) | 64-17-5 | >65% | 3 | II | 13°C | 1170 |
| Propylene Glycol (1,2-Propanediol) | 57-55-6 | <=5% | N/A | N/A | 99°C | N/A |
| Triethylene Glycol | 112-27-6 | | N/A | N/A | 177°C | N/A |
| Fragrance | N/A Mixture | | N/A | N/A | >60°C | 3082 |
| Propan-2-ol; Isopropyl Alcohol; Isopropanol | 200-578-6 | <15% | 3 | II | 14°C | 1987 |
| Butane | 106-97-8 | | 2 | II | -60°C | 1011 |
| Propane | 74-98-6 | | 2 | II | -104.4°C | 1075 |

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove affected person from source of exposure and seek medical attention immediately
Skin contact: Wash affected areas thoroughly with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention
Eye contact: Irrigate with copious amounts of clean water for 15 minutes. Seek medical attention
Ingestion: Do not induce vomiting. Seek medical attention immediately.

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

Skin: Contact with skin may result in irritation and cold burns
Eye: Contact with eyes may result in irritation and cold burns
Inhalation: Vapour is a mild irritant. Inhalation can result in headaches, dizziness and possible nausea. Inhalations of high concentrations can depress central nervous system, leading to loss of coordination and impaired judgement
Ingestion: Ingestion can result in nausea, vomiting and diarrhoea
Chronic: Occupational exposure has not been associated with any demonstrable long term adverse health effects

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

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, Dry powder or Foam

5.2. Special hazards arising from the substance or mixture

Fire hazard: Propellant is flammable. Do not allow vapours to build up in pits or hollows

Explosion hazard: Aerosol cans may rupture or explode when exposed to temperatures over 50°C

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus and suitable personal protective clothing should be used.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Methods and material for containment and cleaning up

Methods for disposal: Absorb onto dry sand if possible, and dispose of safely as commercial waste. Rinse residues thoroughly with water. Ventilate confined spaces well prior to occupation.

6.2. Personal Protection

Wear gloves, goggles and respiratory protection

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use product only in well ventilated areas
Wear gloves and safety glasses where necessary
Do not inhale vapour and do not ingest
Do not add any other substances to this product
Pressurized container: Do not pierce or burn, even after use.

7.2. Conditions for safe storage

Store upright in original closed containers
Do not store subject to temperatures over 50°C & keep away from sources of ignition
Store separate from oxidizing or flammable materials

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Eye Protection

Wear suitable eye and face protection when handling this product

8.2. Hand Protection

Not required for normal use, however on repeated use wear protective gloves

8.3. Skin Protection

Protective overalls may be worn

8.4. Exposure controls

Engineering controls: Use only in well ventilated areas

8.5. Hygiene Measures

Clean skin contact areas before eating or drinking. Wash promptly if skin becomes wet or contaminated, and remove any clothing that becomes contaminated

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|--|
| Appearance: | Dispenses as fine aerosol spray into a clear colourless liquid |
| Colour: | White foam |
| Odour Threshold: | No data available |
| Flash Point: | COC: 16.1°C TCC: 12.2°C Auto-ignition temperature: 363°C |
| Solubility in water: | Complete |
| Specific Gravity: | 0.816 (Water = 1) |
| Boiling Point: | 64.5°C |
| Vapour Pressure: | 97.6mm Hg @ 20°C |
| Vapour Density: | 1.6 (Air = 1) |
| Melting/Freezing Point: | -97.8°C |
| pH: | Neutral |
| Viscosity: | 4.4 cPs |

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable under recommended use subject to normal temperature and storage conditions

CONDITIONS TO AVOID

Avoid extreme temperatures above 50°C and sources of ignition

MATERIALS TO AVOID

Prevent contamination of the solution with any organic, flammable, combustible or oxidising materials

HAZARDOUS DECOMPOSITION PRODUCTS

There are no known hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

This product is not classified as an environmental hazard

SECTION 12: ECOLOGICAL INFORMATION

This product is not classified as an environmental or eco-toxic hazard

SECTION 13: DISPOSAL CONSIDERATIONS

Do not pour down waste water drains. Absorb onto dry sand or other appropriate absorbent material, and dispose of safely as commercial waste. Rinse contaminated area with plenty of water

SECTION 14: TRANSPORT INFORMATION

General

Aerosols may be packed in shrink/stretch wrap trays up to a gross mass of 10kg.

Classified as a Dangerous Good by the Criteria of the ADG Code, to be transported accordingly

UN Number: 1950

Proper Shipping Name: AEROSOLS

Dangerous Goods Class: 2. Division 2.1

Packing Group: II

Special Precautions for User: This product is kept in a pressurised container. Protect the container and contents from direct sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn container even when empty. Never spray this product towards a naked flame or other source of ignition. Keep away from heat and ignition sources.

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SECTION 15: REGULATORY INFORMATION

Hazard Statement(s): Flammable, Irritant, H229 Pressurised container: May burst if heated

Risk Statement(s):

- R12 Flammable
- R66 Repeated exposure may cause skin dryness and cracking
- R20/22 Harmful by inhalation or if swallowed
- R36/38 Irritating to the eyes and skin

Safety statement(s):

- S3/7 Keep container tightly closed in a cool place
- S16 Keep away from sources of ignition – no smoking
- S23 Do not breathe vapour
- S24/25 Avoid contact with skin or eyes
- S43 In case of fire, use Foam, Carbon Dioxide (CO₂) or Dry Powder extinguishers. Never use water jets
- S62 If swallowed, do not induce vomiting. Seek medical attention immediately and present this document
- S45 In case of accident, or if user feels unwell seek medical advice immediately
- S2 Keep out of reach of children
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S51 Use only in well ventilated areas

SECTION 16: OTHER INFORMATION

List of abbreviations and acronyms:

- ADG Australian Dangerous Goods Code
- cPs Centipoise
- COC Cleveland Open Cup (Flash Point Test method)
- TCC Tag Closed Cup (Flash Point Test method)

List of relevant Hazard and Precautionary Phrases

H229 Pressurised container: May burst if heated

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