



# Airco-Pure (Aerosol)

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

MSDS Version: E01.00

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Blend Version: 1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Airco-Pure (Aerosol)  
Product code : W38501

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaning of the air conditioning system including the evaporator and the interior of motorvehicles.  
Function or use category : Aerosol propellants

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Wynn's Belgium  
Industriepark-West 46  
9100 Sint-Niklaas - Belgium  
T +32 3 766 60 20 - F +32 3 778 16 56  
[msds@wynns.eu](mailto:msds@wynns.eu) - [www.wynns.be](http://www.wynns.be)

#### 1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229  
Aquatic Acute 1 H400

Full text of H-phrases: see section 16

##### Classification according to Directive 67/548/EEC or 1999/45/EC

F+; R12

Full text of R-phrases: see section 16

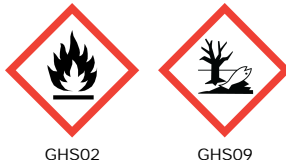
##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02

GHS09

Signal word (CLP) : Danger  
Hazardous ingredients : Quaternary ammonium compounds, benzyl-C12 - 16 -alkyldimethyl, chlorides  
Hazard statements (CLP) : H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated  
H400 - Very toxic to aquatic life  
Precautionary statements (CLP) : 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  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F  
P273 - Avoid release to the environment

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Allergenic fragrances > 0,01%:

CITRONELLOL  
GERANIOL  
LINALOOL  
BENZYL ALCOHOL

Detergent Regulation : Labelling of contents: (Regulation (EC) No. 648/2004 of 31 March 2004 on detergents):

| Component      | % |
|----------------|---|
| disinfectants  |   |
| Parfum         |   |
| CITRONELLOL    |   |
| GERANIOL       |   |
| LINALOOL       |   |
| BENZYL ALCOHOL |   |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name  | Product identifier   | %       | Classification according to Directive 67/548/EEC |
|---|--|---------|--|
| Butane n-   | (CAS No)106-97-8<br>(EC no)203-448-7<br>(EC index no)601-004-00-0                              | 25 - 50 | F+; R12  |
| Ethanol   | (CAS No)64-17-5<br>(EC no)200-578-6<br>(EC index no)603-002-00-5<br>(REACH-no)01-2119457610-43 | 25 - 50 | F; R11   |
| Propane   | (CAS No)74-98-6<br>(EC no)200-827-9<br>(EC index no)601-003-00-5                               | 10 - 25 | F+; R12  |
| Quaternary ammonium compounds, benzyl-C12 - 16 - alkyldimethyl, chlorides | (CAS No)68424-85-1<br>(EC no)270-325-2   | 0,3     | C; R34<br>N; R50<br>Xn; R22                      |

| Name  | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]           |
|---|--|---------|---|
| Butane n-   | (CAS No)106-97-8<br>(EC no)203-448-7<br>(EC index no)601-004-00-0                              | 25 - 50 | Flam. Gas 1, H220<br>Press. Gas   |
| Ethanol   | (CAS No)64-17-5<br>(EC no)200-578-6<br>(EC index no)603-002-00-5<br>(REACH-no)01-2119457610-43 | 25 - 50 | Flam. Liq. 2, H225  |
| Propane   | (CAS No)74-98-6<br>(EC no)200-827-9<br>(EC index no)601-003-00-5                               | 10 - 25 | Flam. Gas 1, H220   |
| Quaternary ammonium compounds, benzyl-C12 - 16 - alkyldimethyl, chlorides | (CAS No)68424-85-1<br>(EC no)270-325-2   | 0,3     | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Aquatic Acute 1, H400 |

Full text of R- and H-phrases: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Vomiting: prevent asphyxia/aspiration pneumonia. Victim in shock: on his back with legs slightly raised. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
- First-aid measures after inhalation : Remove victim to fresh air. Respiratory problems: consult a doctor/medical service.
- First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.
- First-aid measures after ingestion : As it is a spray can packaging it is most unlikely that large quantities will be swallowed. Rinse mouth thoroughly with water. In the event of faintness, seek medical advice.

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), water spray or hazy water.
- Unsuitable extinguishing media : Solid water jet ineffective as extinguishing medium.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol. Gas/vapour flammable with air within explosion limits. May build up electrostatic charges: risk of ignition. May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard.
- Explosion hazard : This material can accumulate static charge by flow or agitation and can be ignited by static discharge. may be ignited by sparks. Gas/vapour explosive with air within explosion limits. May explode on heating.
- Reactivity : On burning: release of carbon monoxide - carbon dioxide. Reacts with (some) acids. Reacts with (strong) oxidizers: (increased) risk of fire.

#### 5.3. Advice for firefighters

- Firefighting instructions : If exposed to fire cool the closed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover.
- Protection during firefighting : Compressed air/oxygen apparatus.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Protective equipment : Gloves, protective clothing. Protective goggles. Large spills/in enclosed spaces: compressed air apparatus.
- Emergency procedures : Mark the danger area. Large spills/in confined spaces: consider evacuation. Close doors and windows of adjacent premises. Seal off low-lying areas. No naked flames, sparks, and do not smoke. Stop engines and no smoking. Use spark-/explosionproof appliances and lighting system. Wash contaminated clothes. Exposure to fire/heat: keep upwind.

##### 6.1.2. For emergency responders

- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent spreading in sewers. Prevent soil and water pollution.

#### 6.3. Methods and material for containment and cleaning up

- For containment : Try to reduce evaporation.
- Methods for cleaning up : Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Wash clothing and equipment after handling.

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### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Meet the legal requirements. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from sources of ignition - No smoking.

Hygiene measures : Observe normal hygiene standards. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage temperature :  $\leq 45\text{ }^{\circ}\text{C}$

Heat and ignition sources : Keep away from sources of ignition - No smoking.

Prohibitions on mixed storage : Keep away from: strong oxidants and strong acids.

Storage area : Fireproof storeroom. Meet the legal requirements. Protect from heat and direct sunlight. Keep container tightly closed in a cool, well-ventilated place. Store in a dry place.

Special rules on packaging : meet the legal requirements. correctly labelled.

Packaging materials : Pressurised small gas containers (aerosol cans).

### 7.3. Specific end use(s)

See product bulletin for detailed information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Protective clothing. Gloves. Protective goggles. Insufficient ventilation: wear respiratory protection. High vapour/gas concentration: self-contained respirator.



Materials for protective clothing : PVC (Polyvinyl chloride). nitrile. neoprene.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|  |                          |
|--|--------------------------|
| Physical state                             | : Liquid                 |
| Appearance                                 | : Aerosol.               |
| Colour                                     | : Colourless.            |
| Odour                                      | : Characteristic odour.  |
| Odour threshold                            | : No data available      |
| pH   | :                        |
| Relative evaporation rate (butylacetate=1) | : No data available      |
| refraction index                           | : 1,3646                 |
| Melting point                              | : No data available      |
| Freezing point                             | : No data available      |
| Boiling point                              | : 78 - 100 °C            |
| Flash point                                | : 13 °C                  |
| Self ignition temperature                  | : No data available      |
| Decomposition temperature                  | : No data available      |
| Flammability (solid, gas)                  | : No data available      |
| Vapour pressure                            | : No data available      |
| Relative vapour density at 20 °C           | : No data available      |
| Relative density                           | : No data available      |
| Density @20°C                              | : 790 kg/m <sup>3</sup>  |
| Solubility                                 | : Soluble in water.      |
| Log Pow                                    | : No data available      |
| Log Kow                                    | : No data available      |
| Viscosity, kinematic @40°C                 | : < 1 mm <sup>2</sup> /s |
| Viscosity, dynamic @40°C                   | : No data available      |
| Viscosity                                  | :                        |
| Viscosity Index                            | :                        |
| Explosive properties                       | : No data available      |
| Oxidising properties                       | : No data available      |
| Explosive limits                           | : No data available      |

#### 9.2. Other information

Additional information : Physical and chemical properties of the active product without gas. The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

On burning: release of carbon monoxide - carbon dioxide. Reacts with (some) acids. Reacts with (strong) oxidizers: (increased) risk of fire.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Quaternary ammonium compounds, benzyl-C12 - 16 -alkyldimethyl, chlorides (68424-85-1)

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|            |                          |
|------------|--------------------------|
| ATE (oral) | 500,000 mg/kg bodyweight |
|------------|--------------------------|

|   |                                    |
|---|------------------------------------|
| Skin corrosion/irritation                           | : Not classified                   |
| Serious eye damage/irritation                       | : Not classified                   |
| Respiratory or skin sensitisation                   | : Not classified                   |
| Germ cell mutagenicity                              | : Not classified                   |
| Carcinogenicity                                     | : Not classified                   |
| Reproductive toxicity                               | : Not classified                   |
| Specific target organ toxicity (single exposure)    | : Not classified                   |
| Specific target organ toxicity (repeated exposure)  | : Not classified                   |
| Aspiration hazard                                   | : Not classified                   |
| Potential Adverse human health effects and symptoms | : Narcotic in high concentrations. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No data available.

#### Quaternary ammonium compounds, benzyl-C12 - 16 -alkyldimethyl, chlorides (68424-85-1)

LC50 fishes 1 96h 0,28 mg/l

### 12.2. Persistence and degradability

#### Airco-Pure (Aerosol)

Persistence and degradability The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### Ethanol (64-17-5)

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available.

### 12.3. Bioaccumulative potential

#### Airco-Pure (Aerosol)

Bioaccumulative potential Not established.

#### Ethanol (64-17-5)

Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No (ADR) : 1950

### 14.2. UN proper shipping name

Proper Shipping Name : AEROSOLS

Transport document description : UN 1950 AEROSOLS, 2.1, (D)

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### 14.3. Transport hazard class(es)

Class (UN) : 2  
Subsidiary risk (IMDG) : 2.1  
Subsidiary risk (IATA) : 2.1  
Hazard labels (UN) : 2.1



### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Dangerous for the environment :



Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Classification code (UN) : 5F  
Special provision (ADR) : 190, 327, 344, 625  
Transport category (ADR) : 2  
Tunnel restriction code : D  
Limited quantities (ADR) : 1L

#### 14.6.2. Transport by sea

EmS-No. (1) : F-D, S-U

#### 14.6.3. Air transport

Instruction "cargo" (ICAO) : 203  
Instruction "passenger" (ICAO) : 203/Y203

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Allergenic fragrances > 0,01%:

|                |       |
|----------------|-------|
| CITRONELLOL    | 0,04% |
| GERANIOL       | 0,01% |
| LINALOOL       | 0,01% |
| BENZYL ALCOHOL | 0,04% |

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

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Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Oral)

Aerosol 1

Aquatic Acute 1

Flam. Gas 1

Flam. Liq. 2

Press. Gas

Skin Corr. 1B

H220

H222

H225

H229

H302

H314

H400

R11

R12

R22

R34

R50

C

F

F+

N

Xn

Acute toxicity (oral), Category 4

Aerosol, Category 1

Hazardous to the aquatic environment — AcuteHazard, Category 1

Flammable gases, Category 1

Flammable liquids, Category 2

Gases under pressure

Skin corrosion/irritation, Category 1B

Extremely flammable gas

Extremely flammable aerosol

Highly flammable liquid and vapour

Pressurised container: May burst if heated

Harmful if swallowed

Causes severe skin burns and eye damage

Very toxic to aquatic life

Highly flammable

Extremely flammable

Harmful if swallowed

Causes burns

Very toxic to aquatic organisms

Corrosive

Highly flammable

Extremely flammable

Dangerous for the environment

Harmful

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*