



Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

MSDS Version: E01.00

Date of issue: 09/02/2015

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 - 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 [DSD] or 1999/45/EC [DPD]

F+; R12

Full text of R-phrases: see section 16

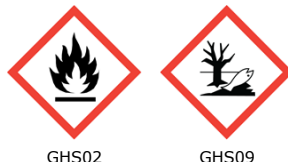
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

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

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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	
Perfume	
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	% w	Classification according to Directive 67/548/EEC
Butane n-	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32	25 - 50	F+; R12
Ethanol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	25 - 50	F; R11
Propane	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21	10 - 25	F+; R12
Quaternary ammonium compounds, benzyl-C12 - 16 - alkyl dimethyl, chlorides	(CAS No) 68424-85-1 (EC no) 270-325-2	0,3	C; R34 N; R50 Xn; R22

Name	Product identifier	% w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butane n-	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0 (REACH-no) 01-2119474691-32	25 - 50	Flam. Gas 1, H220
Ethanol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	25 - 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Propane	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21	10 - 25	Flam. Gas 1, H220
Quaternary ammonium compounds, benzyl-C12 - 16 - alkyl dimethyl, chlorides	(CAS No) 68424-85-1 (EC no) 270-325-2	0,3	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

Name	Product identifier	Specific concentration limits
Ethanol	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH-no) 01-2119457610-43	(C >= 50) Eye Irrit. 2, H319

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

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Victim conscious with laboured breathing: half-seated. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
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. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. As it is a spray can packaging it is most unlikely that large quantities will be swallowed.

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	: Water spray. AFFF foam. Alcohol resistant foam. ABC-powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Extremely flammable aerosol. 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. May explode on heating. Gas/vapour explosive with air within explosion limits.
Reactivity	: Pressurised container: May burst if heated. Product is not explosive. Reacts vigorously with strong oxidizers and acids.

5.3. Advice for firefighters

Firefighting instructions	: Fight fire remotely due to the risk of explosion. Cool closed containers exposed to fire with water spray.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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. Stop engines and no smoking. Seal off low-lying areas. Close doors and windows of adjacent premises. Exposure to fire/heat: keep upwind. No naked flames, sparks, and do not smoke. Use spark-/explosionproof appliances and lighting system. Large spills/in enclosed spaces: compressed air apparatus. Wash contaminated clothes.

6.1.2. For emergency responders

Emergency procedures	: Ventilate area.
----------------------	-------------------

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
-----------------	---------------------

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Methods for cleaning up

: Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Wash clothing and equipment after handling.

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. Use spark-/explosionproof appliances and lighting system. Keep away from naked flames/heat. Keep away from sources of ignition - No smoking. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage temperature

: ≤ 45 °C

Heat and ignition sources

: Keep away from sources of ignition - No smoking. Keep away from heat.

Prohibitions on mixed storage

: Keep away from strong acids and strong oxidizers.

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. Ventilation along the floor.

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

Butane n- (106-97-8)

Belgium	Limit value (ppm)	1000 ppm
---------	-------------------	----------

Ethanol (64-17-5)

Belgium	Limit value (mg/m ³)	1907 mg/m ³
---------	----------------------------------	------------------------

Belgium	Limit value (ppm)	1000 ppm
---------	-------------------	----------

Propane (74-98-6)

Belgium	Limit value (ppm)	1000 ppm
---------	-------------------	----------

8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures. Provide good ventilation in process area to prevent formation of vapour.

Personal protective equipment

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



Materials for protective clothing

: Neoprene. nitrile. PVC (Polyvinyl chloride).

Other information

: Breakthrough time : >30'. Thickness of the glove material >0.1.

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

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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
Auto-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 ³
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic @40°C	: < 1 mm ² /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

Pressurised container: May burst if heated. Product is not explosive. Reacts vigorously with strong oxidizers and acids.

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)

ATE CLP (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

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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	: May have a narcotic effect at 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 (ADR) : AEROSOLS

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

14.3. Transport hazard class(es)

Class (ADR) : 2

Subsidiary risk (IMDG) : 2.1

Subsidiary risk (IATA) : 2.1

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Danger labels (ADR) : 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 (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D
Limited quantities (ADR) : 1I

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

Contains no substances with Annex XVII restrictions
Airco-Pure (Aerosol) is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:

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

15.1.2. National regulations

Water hazard class (WGK) : 2 - hazard to waters

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

Acute Tox. 4 (Oral)

Acute toxicity (oral), Category 4

Airco-Pure (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H400	Very toxic to aquatic life
R11	Highly flammable
R12	Extremely flammable
R22	Harmful if swallowed
R34	Causes burns
R50	Very toxic to aquatic organisms
C	Corrosive
F	Highly flammable
F+	Extremely flammable
N	Dangerous for the environment
Xn	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