



Safety Data Sheet

according to Regulation (EC)
No 1907/2006 (REACH) as amended

AIRCO FRESHENER SERVICE SPRAY

TEC-2000 LTD.

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

1.1 Product Identifier

Trade Name: TEC-2000 AIRCO FRESHENER SERVICE SPRAY

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

Sector of Use: Product supplied for professional use only

Application of the substance / the preparation:

To be used for eliminating bad odours in vehicle interiors.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Name or trade name TEC-2000 LIMITED

Address PO Box 285, Hitchin, Hertfordshire, SG4 9WQ, United Kingdom

VAT Reg No GB111112414

Phone +44 (0) 1462 433 660

E-mail mike@tec-2000.co.uk

Web address www.tec-2000.co.uk

Competent person responsible for the safety data sheet

Name TEC-2000 LIMITED

E-mail mike@tec-2000.co.uk

1.4 Emergency telephone number

0044 (Ø) 7831 105386 (24hrs)

NHS Direct: 111

UK-National Poisons Information Service (NPIS): 0344 892 0111 (healthcare professionals only).

Ireland - National Poisons Information Centre (NPIC): (01) 809 2566 (healthcare professionals only).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

Aerosol 1 H222, H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



Signal word:

Danger

Hazard statements:

H222-H229

Extremely flammable aerosol. Pressurised container: may burst if heated.

H319

Causes serious eye irritation.

Precautionary statements:

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.

P264

Wash thoroughly after handling.

P280

Wear eye protection / face protection

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture consisting of the following components.**Hazardous components:**

CAS number: 68476-85-7 EC number: 270-704-2 Index number: 649-202-00-6	Petroleum gases, liquefied	25-50%
	Flam. Gas 1, H220; Press. Gas (Comp.), H280	
CAS: 64-17-5 EC number: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43	ethanol	25-50%
	Flam. Liq. 2, H225; Eye Irrit. 2, H319	
CAS: 112-27-6 EINECS: 203-953-2	triethylene glycol	<5%
	STOT RE 2, H373; Acute Tox. 4, H302	
CAS: 120-51-4 EINECS: 204-402-9 Index number: 607-085-00-9	Benzyl benzoate	<0.25%
	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302	

Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****After Inhalation:**

Move patient to fresh air, if symptoms persist consult a doctor.

After Skin contact:

Generally the product does not irritate the skin.

After Eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting Measures**5.1 Extinguishing media****Suitable extinguishing media:**Carbon dioxide (CO₂). Dry chemical. Foam.**5.2 Special hazards arising from the substance or mixture:**

No further relevant information available.

5.3 Advice for firefighters**Protective actions during firefighting:**

No special measures required.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

No special measures required.

6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and Storage**7.1 Precautions for safe handling:**

No special measures required.

No special precautions are necessary if used correctly.

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly closed.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8: Exposure Controls/Personal Protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****68476-85-7 Petroleum gases, liquefied:**

WEL (Great Britain)	Short-term value: 2180 mg/m ³ , 1250 ppm Long-term value: 1750 mg/m ³ , 1000 ppm Carc (if LPG contains > 0.1% of buta-1.3-diene)
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Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Hand Protection:

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture.

Select the glove material based on a consideration of the penetration times, rates of diffusion and the degradation..

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time must be determined by the manufacturer of the protective gloves.

Eye/face protection:

Safety glasses with side-shields (EN 166).

Safety goggles (EN 166).

Body protection: Protective work clothing.

SECTION 9: Physical And Chemical Properties**9.1 Information on basic physical and chemical properties**

General Information

Physical state	Aerosol.
Colour:	Water white.
Odour:	Berry odor
Odour threshold:	Not determined.
Melting point/freezing point:	-141.5 °C
Boiling point or initial boiling point and boiling range	24.8 °C (at 1013hPa)
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	3.3 Vol %

Upper:	26.2 Vol %
Flash point:	<-41 °C
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
VOC (EC):	670 g/L
Dynamic:	Not determined.
Solubility	
Water:	0.0450 g/cm ³
Partition coefficient n-octanol/water (log value)	0.07 POW
Vapour pressure at 20 °C:	51.3 hPa
Density and/or relative density	
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Aerosol.
Ignition temperature:	350 °C
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
Solids content:	<1.0 %
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not applicable.
Information with regard to physical hazard classes	
Explosives	Not applicable.
Flammable gases	Not applicable.
Aerosols Extremely flammable aerosol.	Pressurised container:
May burst if heated.	
Oxidising gases	Not applicable.
Gases under pressure	Not applicable.
Flammable liquids	Not applicable.
Flammable solids	Not applicable.
Self-reactive substances and mixtures	Not applicable.
Pyrophoric liquids	Not applicable.
Pyrophoric solids	Not applicable.
Self-heating substances and mixtures	Not applicable.
Substances and mixtures, which emit flammable gases in contact with water	Not applicable.
Oxidising liquids	Not applicable.
Oxidising solids	Not applicable.
Organic peroxides	Not applicable.
Corrosive to metals	Not applicable.
Desensitised explosives	Not applicable.

SECTION 10: Stability and Reactivity**10.1 Reactivity:**

No data available. No further relevant information available.

10.2 Chemical stability:

Avoid the following conditions: Heat, sparks, flames.

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological Information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute Toxicity		
LD/LC50 values:		
64-17-5 ethanol		
Oral	LD50 7,060	mg/kg (Rat)
Inhalative	LC50/4h	20,000 mg/L (Rat)
112-27-6 triethylene glycol		
Oral	LD50	17,000 mg/kg (Rat)
120-51-4 Benzyl benzoate		
Oral	LD50	1,700 mg/kg (Rat)
Dermal	LD50	4,000 mg/kg (Rabbit)
100-51-6 Benzyl alcohol		
Oral	LD50	1,230 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (Rabbit)
5989-27-5 (R)-p-mentha-1,8-diene		
Oral	LD50	4,400 mg/kg (Rat)
78-70-6 Linalool		
Oral	LD50	2,790 mg/kg (Rat)
Dermal	LD50	5,610 mg/kg (Rabbit)

Serious eye damage/irritation: Causes serious eye irritation.

11.2 Information on other hazards**11.2.1 Endocrine disrupting properties**

None of the ingredients are listed.

SECTION 12: Ecological information**12.1 Toxicity**

Aquatic toxicity:	
5989-27-5 (R)-p-mentha-1,8-diene	
LC50/96h	1 mg/L (Fish)
EC50/48h	70 mg/L (Daphnia)

12.2 Persistence and degradability:

No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment**PBT:**

Not applicable.

vPvB:

Not applicable.

12.6 Endocrine disrupting properties:

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects:**Additional environmental information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal Considerations**13.1 Waste Treatment / Disposal methods**

Recommendation: Do not allow product to reach sewage system.

Uncleaned packaging:**Recommendation:**

Disposal must be made in accordance with official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

SECTION 14: Transport Information**14.1 UN Number**

ADR, IMDG, IATA

UN 1950

14.2 UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

14.3 Transport hazard class(es)**ADR**

Class 2.5F Gases
Label 2.1

IMDG, IATA

Class 2.1
Label 2.1

14.4 Packing group**ADR, IMDG, IATA** Not applicable**14.5 Environmental hazards:** Not applicable**14.6 Special precautions for user** Warning: Gases.**Hazard identification number (Kemler code):** -**EMS Number:** F-D,S-U**Stowage Code** SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre:

Category A. For AEROSOLS with a capacity above 1 litre:

Category B. For WASTE AEROSOLS:

Category C, Clear of living quarters..

Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

14.7 Transport in bulk according to**IMO Instruments** Not Applicable.**ADR****Excepted quantities (EQ)** Code: E0

Not permitted as Excepted Quantity

Tunnel restriction code: D**IMDG****Limited quantities (LQ)** 1L**Excepted quantities (EQ)** Code: E0

Not permitted as Excepted Quantity

SECTION 15: Regulatory Information.**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Quantities:****Canada Non-Domestic Substances List (NDSL)**

None of the ingredients are listed.

Directive 2012/18/EU**Named dangerous substances - ANNEX I** None of the ingredients are listed.**Seveso category** P3a FLAMMABLE AEROSOLS**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2