



SAFETY DATA SHEET

Airco Freshener Service Spray

TEC-2000 LTD.

P. O. BOX 285, Hitchin,
HERTS., SG4 9WQ, U.K.

info@TEC-2000.co.uk

PH: 01462-433 660

FAX: 01462-674 468

MOB: 07831-105 386

Version Number: 12

Dated: 02-Jul-2020

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

Application of the substance / the preparation: Vehicle Airconditioner Freshener Service Spray.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: TEC-2000 LTD., P.O. Box 285, Hitchin, Herts., SG4 9WQ, U.K.

1.4 Emergency telephone number

0044 (Ø) 1462-433 660 - 0044 (Ø) 7831 105386 (24hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 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:



GHS02



GHS07

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.

Labelling requirements in accordance with Article 11 / Annex VII A of Regulation (EC) No 648/2004 on detergents:

≥ 30% aliphatic hydrocarbons, < 5% perfumes

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: 64-17-5 EC number: 200-578-6 Index number: 603-002-00-5	ethanol	≥25-≤100%
	Flam. Liq. 2, H225; Eye Irrit. 2, H319	
CAS number: 68476-85-7 EC number: 270-704-2 Index number: 649-202-00-6	Petroleum gases, liquefied	≥25-≤100%
	Flam. Gas 1, H220; Press. Gas (Comp.), H280	
CAS number: 110-19-0 EC number: 203-745-1 Index number: 607-026-00-7	Isobutyl Acetate	<1%
	Flam. Liq. 2 - H225	
CAS number: 128-37-0 EC number: 204-881-4	2,6-di-tert-butyl-p-cresol	0≥.25-<1%
	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
CAS number: 141-78-6 EC number: 205-500-4 Index number: 607-022-00-5	Ethyl Acetate	<1%
	Flam. Liq. 2 - H225, Eye Irrit. 2 - H319, STOT SE 3 - H336	

Additional information: The full text for all hazard statements is displayed in 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: Remove contaminated clothing immediately and wash skin with soap and water.

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:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation. Dispose contaminated material as waste according to item 13.

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:

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.

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

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)
110-19-0 isobutyl acetate	
WEL (Great Britain)	Short-term value: 903 mg/m ³ , 187 ppm Long-term value: 724 mg/m ³ , 150 ppm
IOELV (EU)	Short-term value: 723 mg/m ³ , 150 ppm Long-term value: 241 mg/m ³ , 50 ppm
141-78-6 ethyl acetate	
WEL (Great Britain)	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm
IOELV (EU)	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**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.

Protection of hands:

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 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**

Appearance:	Aerosol.
Colour:	Colourless.
Odour:	Fruity.
Melting point:	-141.5
Initial boiling point and range:	-24.8°C
Flash point:	<-41°C
Flammability (solid, gas):	Not determined.
Auto-ignition temperature:	350°C
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures is possible.
Explosion limits:	
Lower:	3.3 Vol %
Upper:	26.2 Vol %
Oxidising properties	Not determined.
Vapour pressure at 20 °C:	51.3 hPa
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility	
With Water:	0.0450 g/cm ³
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solids content:	<1.0 %

9.2 Other information: No further relevant information available.

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 toxicological effects**

Acute toxicity	Based on available data, the classification criteria are not met.
Primary irritant effect:	
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):	
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	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**

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil Not Known

Ecotoxicological effects:

Remark: Harmful to fish

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.

Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

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. SW2 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 Annex II of MARPOL 73/78 and the IBC Code	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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients are listed.

15.2 Chemical safety assessment: No 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 européen sur le transport 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)

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

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1