

# SAFETY DATA SHEET

## Air con refresher Cool Water / Black Ice

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

#### 1.1. Product identifier

**Product name** Air con refresher Cool Water / Black Ice

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

**Identified uses** Air freshener

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

**Supplier** Aztec Aerosols  
Gateway  
Crewe  
Cheshire  
CW1 6FA  
  
T+44 (0) 1270 656380  
F+44 (0) 1270 656381  
info@aztecaerosols.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)7831 300868

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Aerosol 3 - H229

##### Health hazards

Eye Irrit. 2 - H319 STOT SE 3 - H336

##### Environmental hazards

Not Classified

#### Classification (67/548/EEC or 1999/45/EC)

##### Human health

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

##### Environmental

The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

##### Physicochemical

Aerosol containers can explode when heated, due to excessive pressure build-up.

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

##### Hazard statements

**Air con refresher Cool Water / Black Ice**

H229 Pressurised container: may burst if heated  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**

P251 Do not pierce or burn, even after use.  
 P271 Use only outdoors or in a well-ventilated area.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P102 Keep out of reach of children.  
 P501 Dispose of contents/container in accordance with local regulations.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P260 Do not breathe vapour/spray.

**Supplemental label information**

23% by mass of the contents are flammable.  
 Contains 0.12kg of a fluorinated greenhouse gas covered by the Kyoto protocol: HFC-134a (Tetrafluoroethane : EC No. 212-377-0).  
 Global Warming Potential (GWP) in CO2 equivalent: 1073.

**Contains** 1-METHOXY-2-PROPANOL, PROPAN-2-OL

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

<b>TETRAFLUOROETHANE</b>	<b>60-100%</b>
CAS number: 811-97-2 EC number: 212-377-0 REACH registration number: Exempt under REACH	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>1-METHOXY-2-PROPANOL</b>	<b>10-30%</b>
CAS number: 107-98-2 EC number: 203-539-1 REACH registration number: 01-2119457435-35	
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10 R67
<b>PROPAN-2-OL</b>	<b>10-30%</b>
CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-2119457558-25	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> F;R11 Xi;R36 R67

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Move affected person to fresh air at once.

**Inhalation**

Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

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### Ingestion

Rinse mouth thoroughly with water.

### Skin contact

Rinse with water. Get medical attention if any discomfort continues.

### Eye contact

Rinse with water. Get medical attention if any discomfort continues.

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

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

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## SECTION 5: Firefighting measures

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### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

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

#### Specific hazards

Containers can burst violently or explode when heated, due to excessive pressure build-up. Decomposes on contact with flames and hot surfaces to produce hydrofluoric acid and fluorophosgene. Containers can burst violently or explode when heated, due to excessive pressure build-up.

### 5.3. Advice for firefighters

#### Protective actions during firefighting

Warn firefighters that aerosols are involved. Containers close to fire should be removed or cooled with water.

#### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

#### Environmental precautions

Not considered to be a significant hazard due to the small quantities used.

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

#### Methods for cleaning up

VENTILATE/EVAPORATE.

### 6.4. Reference to other sections

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## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

#### Usage precautions

Read and follow manufacturer's recommendations.

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

#### Storage precautions

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 degrees Centigrade. Do not pierce or burn, even after use.

### 7.3. Specific end use(s)

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## SECTION 8: Exposure Controls/personal protection

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## Air con refresher Cool Water / Black Ice

### 8.1. Control parameters

#### Occupational exposure limits

##### TETRAFLUOROETHANE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm

##### 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

##### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### Ingredient comments

WEL = Workplace Exposure Limits

#### PROPAN-2-OL (CAS: 67-63-0)

<b>DNEL</b>	Industry - Dermal; Long term systemic effects: 888 mg/kg/day Industry - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Dermal; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 140.9 mg/l - Marine water; 140.9 mg/l - Intermittent release; 140.9 mg/l - Sediment (Freshwater); 552 mg/kg - Sediment (Marinewater); 552 mg/kg - STP; 2251 mg/l - Soil; 28 mg/kg

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

#### Personal protection

When using do not smoke.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

#### Other skin and body protection

Not relevant

#### Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

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### SECTION 9: Physical and Chemical Properties

## Air con refresher Cool Water / Black Ice

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

**Appearance**

Aerosol.

**Colour**

N/A

**Odour**

Characteristic.

**Flash point**

n/a°C

**Relative density**

1.15 @ @ 20 Deg C°C

**Comments**

Information given is applicable to the major ingredient.

### 9.2. Other information

#### **SECTION 10: Stability and reactivity**

##### 10.1. Reactivity

##### 10.2. Chemical stability

**Stability**

Stable at normal ambient temperatures and when used as recommended.

##### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

##### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

##### 10.5. Incompatible materials

**Materials to avoid**

Alkali metals.

##### 10.6. Hazardous decomposition products

#### **SECTION 11: Toxicological information**

##### 11.1. Information on toxicological effects

**General information**

This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

**Inhalation**

May cause respiratory system irritation.

**Ingestion**

No specific health hazards known.

**Skin contact**

Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

**Eye contact**

Vapour or spray in the eyes may cause irritation and smarting.

**Acute and chronic health hazards**

Because of the product's quantity and composition, the health hazard is regarded as low. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

### Air con refresher Cool Water / Black Ice

**Route of entry**

Inhalation

**Target organs**

No specific target organs known.

**Medical symptoms**

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

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**SECTION 12: Ecological Information**

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**Ecotoxicity**

ENVIRONMENTAL HAZARDS: This product has not been tested but contains ingredients which are harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

**12.1. Toxicity**

**12.2. Persistence and degradability**

**12.3. Bioaccumulative potential**

**12.4. Mobility in soil**

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

**12.6. Other adverse effects**

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**SECTION 13: Disposal considerations**

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**13.1. Waste treatment methods**

**General information**

Do not puncture or incinerate, even when empty.

**Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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**SECTION 14: Transport information**

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**General** This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

**14.1. UN number**

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

**14.2. UN proper shipping name**

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

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

ADR/RID class 2.2

ADR/RID subsidiary risk

ADR/RID label 2.2

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IMDG class 2.2  
 IMDG subsidiary risk  
 ICAO class/division 2.2  
 ICAO subsidiary risk  
 Transport labels

**14.4. Packing group**

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

**14.5. Environmental hazards**

Environmentally hazardous substance/marine pollutant

No.

**14.6. Special precautions for user**

EmS F-D, S-U

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

Tunnel restriction code (E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance**

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

**15.2. Chemical safety assessment****SECTION 16: Other information**

Revision date 03/07/2014  
 Revision 1  
 SDS number 11668  
 SDS status Approved.  
 Risk phrases in full

### **Air con refresher Cool Water / Black Ice**

NC Not classified.

R10 Flammable.

The product is highly flammable.

Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

#### **Hazard statements in full**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### **Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.