



## SAFETY DATA SHEET

### Sol-X Aircon Sanitiser Pro

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

##### 1.1. Product identifier

**Product name**                      Aircon Sanitiser Pro

**Product number**                 SXACSP150

##### 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**                            Central Solutions (GB) Ltd  
 Sol-X House  
 Windmill Lane  
 Norton  
 Doncaster  
 South Yorkshire  
 DN6 9AT, England  
 +44(0)1302 708 895  
 email: info@solxsolutions.com  
 www.solxsolutions.com

##### 1.4. Emergency telephone number

**Emergency telephone**            +44(0)1302 708 895

#### 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

**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**                        This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

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

##### 2.2. Label elements

##### Pictogram



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<b>Signal word</b>	Warning
<b>Hazard statements</b>	H336 May cause drowsiness or dizziness. H229 Pressurised container: may burst if heated H319 Causes serious eye irritation.
<b>Precautionary statements</b>	P102 Keep out of reach of children. P251 Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapour/spray. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container in accordance with local regulations.
<b>Supplemental label information</b>	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.
<b>Contains</b>	PROPAN-2-OL, 1-METHOXY-2-PROPANOL

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>TETRAFLUOROETHANE</b> <span style="float: right;"><b>60-100%</b></span>		
CAS number: 811-97-2	EC number: 212-377-0	REACH registration number: 01-2119459374-33-XXXX
<b>Classification</b> Press. Gas, Compressed - H280	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	
<b>1-METHOXY-2-PROPANOL</b> <span style="float: right;"><b>10-30%</b></span>		
CAS number: 107-98-2	EC number: 203-539-1	REACH registration number: 01-2119457435-35
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10 R67	
<b>PROPAN-2-OL</b> <span style="float: right;"><b>10-30%</b></span>		
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.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once.
<b>Inhalation</b>	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.
<b>Ingestion</b>	Rinse mouth thoroughly with water.
<b>Skin contact</b>	Rinse with water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 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

<b>Specific hazards</b>	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.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Warn firefighters that aerosols are involved. Containers close to fire should be removed or cooled with water.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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#### 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

<b>Methods for cleaning up</b>	VENTILATE/EVAPORATE.
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#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations.
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### 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)

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **TETRAFLUOROETHANE**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 4240 mg/m<sup>3</sup>

##### **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

#### **1-METHOXY-2-PROPANOL (CAS: 107-98-2)**

**DNEL**    Industry - Inhalation; Short term local effects: 553.5 mg/m<sup>3</sup>  
 Industry - Dermal; Long term systemic effects: 369 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term systemic effects: 369 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 43.9 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day

**PNEC**    - Fresh water; 10 mg/l  
 - Marine water; 1 mg/l  
 - STP; 100 mg/l  
 - Sediment (Freshwater); 41.6 mg/kg  
 - Sediment (Marinewater); 4.17 mg/l  
 - Soil; 2.47 mg/kg  
 - Intermittent release; 100 mg/l

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

**DNEL**    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>

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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 140.9 mg/l</li> <li>- Marine water; 140.9 mg/l</li> <li>- Intermittent release; 140.9 mg/l</li> <li>- Sediment (Freshwater); 552 mg/kg</li> <li>- Sediment (Marinewater); 552 mg/kg</li> <li>- STP; 2251 mg/l</li> <li>- Soil; 28 mg/kg</li> </ul>
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### **8.2. Exposure controls**

<b>Appropriate engineering controls</b>	Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.
<b>Personal protection</b>	When using do not smoke.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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.
<b>Other skin and body protection</b>	Not relevant
<b>Hygiene measures</b>	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.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

## **SECTION 9: Physical and Chemical Properties**

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

<b>Appearance</b>	Aerosol.
<b>Colour</b>	N/A
<b>Odour</b>	Characteristic.
<b>Flash point</b>	n/a°C
<b>Relative density</b>	1.15 @ 20°C
<b>Comments</b>	Information given is applicable to the major ingredient.

### **9.2. Other information**

<b>Other information</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 267 g/l.

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

### **10.1. Reactivity**

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
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### **10.2. Chemical stability**

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### **10.3. Possibility of hazardous reactions**

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**Possibility of hazardous reactions** Does not decompose when used and stored as recommended.

## 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

## 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidising materials, heat and flames.

## 10.6. Hazardous decomposition products

### **Hazardous**

### **decomposition products**

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

## **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.

#### **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.

## **SECTION 12: Ecological Information**

#### **Ecotoxicity**

No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

#### **12.1.**

#### **Toxicity**

#### **Toxicity**

Not available.

#### **12.2. Persistence and degradability**

#### **Persistence and degradability**

Not available.

#### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

Not available.

#### **12.4. Mobility in soil**

#### **Mobility**

Not known.

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

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**Results of PBT and vPvB assessment**      Not available.

### 12.6. Other adverse effects

**Other adverse effects**      Not available.

## SECTION 13: Disposal considerations

### 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.

## SECTION 14: Transport information

**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 label**      2.2

**IMDG class**      2.2

**ICAO class/division**      2.2

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

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### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

**EmS** F-D, S-U

**Tunnel restriction code** (E)

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
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** Commission Regulation (EU) No 453/2010 of 20 May 2010.

**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

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Revision comments** Supplemental information added.

**Revision date** 19/11/2015

**Revision** 2

**SDS number** 11616

**SDS status** Approved.

**Risk phrases in full** Not classified.  
R10 Flammable.  
R11 Highly flammable.  
R36 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.

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.