



# SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

## Air-Con Fresh

### 01. Identification of the substance/preparation and of the company/undertaking

Product name

Air-Con Fresh

Use of the substance / preparation

disinfectant

Manufacturer/Supplier

SCT-Vertriebs GmbH  
Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

### 02. Hazards identification

To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

Flammable

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

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

Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible. May produce an allergic reaction.

To the environment

See point 12.

### 03. Composition/information on ingredients

Chemical	Symbol	R-phrases	EINECS, CAS
content%	Registration number(ECHA)	Classification categories	
5-Chloro-2-Methyl-4-Isothiazolin-3-One			
< 1%	T / N	23/24/25-34-43-50/53	26172-55-4
Ethanol			
80 - 90%	F	11	64-17-5

### 04. First-aid measures

General

Unconsciousness: lateral position - call a physician.

After inhalation

Remove concerned person out of danger area. Let in fresh air.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Drink plenty of water. Do not induce vomiting - call a physician.



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### 05. Fire-fighting measures

5.1 Suitable extinguishing media  
CO2

Dry extinguisher

Water jet spray

Cool container at risk with water.

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Hydrofluoric acid

Toxic pyrolysis products.

Danger of bursting (explosion) when heated

Explosive vapour/air mixture

Dangerous vapours heavier than air.

In case of spreading near the ground, flashback to distance sources of ignition is possible.

### 06. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping

6.2 Environmental precautions

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous. If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods for cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Without adequate ventilation, formation of explosive mixtures may be possible.

Active substance:

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.

### 07. Handling and storage

7.1 Handling

Tips for safe handling:

See point 6.1

Ensure good ventilation. Avoid inhalation of the vapours. Do not use the product in enclosed spaces. Keep away from sources of ignition - Do not smoke. Do not use on hot surfaces. Avoid contact with eyes or skin. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Wash hands before breaks and at end of work. Observe directions on label and instructions for use. Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Store product closed and only in original packing. Not to be stored in gangways or stair wells. Do not store with oxidizing agents. Observe special regulations for aerosols!

Special storage conditions:

See point 10

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung"). Keep protected from direct sunlight and temperatures over 50°C.

Store in a well ventilated place.

### 08. Exposure controls/personal protection

Chemical Name	Ethanol	Content %
WEL-TWA: 1000ppm (1920mg/m <sup>3</sup> )	WEL-STEL: ----	----



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Chemical Name	5-Chloro-2-Methyl-4-isothiazolin-3-One	Content %:
WEL-TWA: 1000 ppm (4240 mg/m <sup>3</sup> )	WEL-STEL: ----	----
BMGV: ----	Other information: ----	

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here. General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Filter A2 P2 (EN 14387)

In case of emergency:

Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)

Hand protection

Chemical resistant protective gloves (EN 374)

Permeation time (penetration time) in minutes:

> 240

Protective hand cream recommended.

Eye protection:

Tight fitting protective goggles with side protection (EN 166)

Skin protection:

Protective working garments (e. g. safety shoes EN ISO 20345, long- sleeved protective working garments)

Additional information on hand protection - No tests have been performed. Selection made for preparations according to the best available knowledge and information on the ingredients. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

## 09. Physical and chemical properties

### 9.1 General information

Physical state:

Aerosol

Substance:

Liquid

Colour:

Colourless

Odour:

Alcoholic

### 9.2 Important health, safety and environmental information

pH-value undiluted:

n.av.

Boiling point/boiling range (°C):

n.av.

Melting point/melting range (°C):

n.av.

Flash point (°C):

12 \*

Ignition temperature:

365°C \*

Oxidising properties:

No

Minimum limit of explosion:

3,5 Vol% \*

Maximum limit of explosion:

15 Vol % \*

Vapour pressure:

4800 hPa

Density (g/ml):

0,943

Water solubility:

Soluble

\* Ethanol



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### 10. Stability and reactivity

Conditions to avoid  
See point 7  
Stable when handled and stored correctly.  
Heating, open flame, ignition sources  
Pressure increase will result in danger of bursting.  
Materials to avoid  
See point 7  
Avoid contact with strong oxidizing agents.  
Hazardous decomposition products See point 5.3  
No decomposition when used as directed.

### 11. Toxicological information

Acute toxicity and immediate effects  
Ingestion, LD50 rat oral (mg/kg): n.av.  
Inhalation, LC50 rat inhal.(mg/l/4h): n.av.  
Skin contact, LD50 rat dermal (mg/kg): n.av.  
Eye contact: n.av.  
  
Delayed and chronic effects  
Sensitization: n.c.  
Carcinogenicity: n.c.  
Mutagenicity: n.c.  
Reproductive toxicity: n.c.  
Narcosis: n.c.

Further information  
The product was not tested.  
Classification according to calculation procedure. The following may occur:  
Irritation of the eyes  
with long-term contact:  
Drying of the skin.  
Dermatitis (skin inflammation)  
Irritation of the skin.  
Allergic reaction possible. At high concentrations:  
Irritation of the respiratory tract  
Coughing  
Dizziness  
Headaches  
Effect on the central nervous system  
Coordination disorders  
At high levels of concentration the propellant dispels the oxygen in air needed to breathe.  
Unconsciousness  
Ingestion of large quantities:  
Headaches  
Nausea  
Vomiting  
Danger of aspiration  
Other dangerous properties cannot be ruled out.

### 12. Ecological information

The product was not tested.  
Persistence and degradability:  
94% (mod. OECD-Screening-Test) \*  
Behaviour in sewage plants: According to the recipe, contains no AOX.  
Aquatic toxicity: n.av.  
Ecological toxicity: n.av.  
Mobility: Product is slightly volatile.  
Accumulation: n.av.  
Results of PBT assessment  
Other adverse effects:  
Global warming potential (GWP): 0,3 \*\*  
Ozone depletion potential (ODP): 0 \*\*  
\* Ethanol  
\*\* 5-Chloro-2-Methyl-4-Isothiazolin-3-One

## Air-Con Fresh

### 13. Disposal considerations

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/18/EC, 2001/119/EC, 2001/573/EC)

16 05 04 gases in pressure containers (including halons) containing dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

15 01 04 metallic packaging

15 01 10 packaging containing residues of or contaminated by dangerous substances

Do not perforate, cut up or weld uncleaned container.

### 14. Transport information

General statements

UN-Number:

1950

Road/Rail-transport (ADR/RI D)

Class/packing group:

2/-

UN 1950 AEROSOLS

Classification code:

5F

LC:

2

Tunnel restriction code:

D

Transport by sea

IMDG-code:

2.1/- (class/packing group)

EmS:

F-D, S-U

Marine Pollutant:

n.a

AEROSOLS

Transport by air

IATA:

2.1/-/- (class/secondary danger/packing group)

Aerosols, flammable

Additional information:

Danger code and packing code on request.



### 15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives

(67/548/EEC and 1999/45/EC)

Symbols: F, N, T

Indications of danger:

Flammable

Toxic

Nuisant

R-phrases:

R23: Toxic by inhalation, in contact with skin, if swallowed

R34: Causes burns

R43: May cause sensitisation by skin contact

R50: Very toxic to aquatic organisms

R53: May cause long-term adverse effects in the aquatic environment

S-phrases:

23 Do not breathe spray.

35 This material and its container must be disposed of in a safe way.

51 Use only in well-ventilated areas.

Additions:

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

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

Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Without adequate ventilation, formation of explosive mixtures may be possible.

Contains

D-Limonene

May produce an allergic reaction.



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### 15. Regulatory information

Additional data acc. to Art. 20 (3), 1998/8/EC (Biocide products):

The identity of every active substance and its concentration in metric units:

Ethanol

482 g/l The

uses:

Disinfection

Registration number BAuA (Federal Institute for Occupational Health and Safety, Germany):

baua:Reg.-Nr. N-33499

License No. of the biocide (98/8/EC):

n.d.a.

Observe restrictions:

Yes

Observe youth employment law (German regulation).

Observe Directive 1998/8/EC concerning the placing of biocidal products on the market. VOC (1999/13/EC):

493 g/l

### 16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany):

2 B

Revised points:

15

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period),

STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.