



**Klima Fresh (Aerosol)**

Print date : 18.03.2009

Product code : 596

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**1. Identification of the substance/preparation and of the company/undertaking**

**Identification of the substance or preparation**

Klima Fresh (Aerosol)

**Company/undertaking identification**

Company name : PRO-TEC Deutschland  
Street : Großgeschwenda 51  
Place : D-07330 Probstzella  
Telephone : +4936735/444-0  
Contact person : Jens Möller, Dipl.-Chem.  
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Internet : www.pro-tec-deutschland.de  
Telefax : +4936735/444-44

**Further Information**

Article Number: 6121

**2. Hazards identification**

**Classification**

R-phrases :  
Flammable.  
In use, may form flammable/explosive vapour-air mixture.

**3. Composition/information on ingredients**

**Chemical characterization ( Mixture )**

Aerosol propellant: 1,1,1,2-tetrafluoroethane (134A)

**Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-661-7	67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	< 25 %	F, Xi R11-36-67

Full text of each relevant R phrase can be found in heading 16.

**4. First aid measures**

**After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water and soap.  
Rub in high-fat content cream.

**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

Do not induce vomiting. Consult physician.

**5. Fire-fighting measures**

**Suitable extinguishing media**

All extinguishing media practicable.

**6. Accidental release measures**



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### Environmental precautions

Provide for good ventilation, when develop aerosols/mist.  
Keep away from heat.

## 7. Handling and storage

### Handling

#### Advice on safe handling

Use only in well-ventilated areas. Keep away from heat.

### Storage

#### Requirements for storage rooms and vessels

Protect against: UV-solarization/sunlight.  
Use only in well-ventilated areas.  
Storage temperature: up to °C: 50 Not to exceed !

## 8. Exposure controls/personal protection

### Exposure limit values

#### Exposure limits (EH40)

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

#### Additional advice on control parameters

Contains: 1,1,1,2-tetrafluoroethane (AGW 1000 ppm)

### Exposure controls

#### Protective and hygiene measures

When using do not eat, drink or smoke.  
"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

#### Respiratory protection

In case of accumulation of fumes/aerosols, provide adequate ventilation.  
In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

#### Hand protection

Wear suitable gloves.

#### Eye protection

Tightly sealed safety glasses.

## 9. Physical and chemical properties

### General information

Physical state : Aerosol  
Colour : colourless  
Odour : Parfum

### Important health, safety and environmental information

Test method

#### Changes in the physical state

Vapour pressure : 5000 hPa  
(at 20 °C)  
Vapour pressure : 11000 hPa  
(at 50 °C)



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Density (at 20 °C) : 1,14 g/cm<sup>3</sup>  
Water solubility : partially soluble  
(at 20 °C)

**Other information**

Ignition temperature : No data

**10. Stability and reactivity**

**Conditions to avoid**

Decomposition takes place from temperatures above: 50 °C.  
Heating causes rise in pressure with risk of bursting.

**Materials to avoid**

Oxidizing agents, strong.  
(chlorine., Oxygen.)

**Hazardous decomposition products**

Fluorhydric acid. fluorine phosgene.

**11. Toxicological information**

**Additional information on tests**

Inhalation causes narcotic effects/intoxication.  
Following inhalation: Move victim to fresh air. Consult physician.

**12. Ecological information**

**Further information**

Water contaminating class : slightly water contaminating

**13. Disposal considerations**

**Waste disposal number of used product**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances  
Classified as hazardous waste.

**Contaminated packaging**

Waste disposal according to official state regulations.  
Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

**14. Transport information**

**Land transport (ADR/RID)**

UN number : 1950  
ADR/RID class : 2  
Classification code : 5 A  
Warning plate  
Hazard-no. : -  
Hazard label : 2.2  
ADR/RID packing group : -  
Limited quantity : 1 I



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**Description of the goods**

Aerosols, suffocating

**Inland waterways transport**

UN number : 1950  
ADNR class : 2  
Classification code : 5A  
Hazard label : 2.2  
Limited quantity : LQ2

**Description of the goods**

AEROSOLS

**Other applicable information (inland waterways transport)**

Special provisions: 190 327 625

**Marine transport**

UN number : 1950  
IMDG code : 2  
Marine pollutant : -  
Hazard label : 2.2  
IMDG packing group : -  
EmS : F-D, S-U  
Limited quantity : 1 I (SV 277)

**Description of the goods**

Aerosols

**Air transport**

UN/ID number : 1950  
ICAO/IATA-DGR : 2.2  
Hazard label : 2.2  
ICAO packing group : -  
Limited quantity Passenger : 30 Kg G (Brutto)  
IATA-packing instructions - Passenger : 203  
IATA-max. quantity - Passenger : 75 Kg  
IATA-packing instructions - Cargo : 203  
IATA-max. quantity - Cargo : 150 Kg

**Description of the goods**

Aerosols, non-flammable

**15. Regulatory information**

**Labelling**

**R phrases**

- 10 Flammable.  
18 In use, may form flammable/explosive vapour-air mixture.

**S phrases**

- 23 Do not breathe Aerosol.  
51 Use only in well-ventilated areas.  
56 Dispose of this material and its container at hazardous or special waste collection point.

**Special labelling for certain preparations**

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.



# **Safety Data Sheet**

according to Regulation (EU) No. 1907/2006

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### **EU regulatory information**

#### **Additional information**

Contains:  
perfumes

### **National regulatory information**

Water contaminating class (D) : 1 - slightly water contaminating

### **16. Other information**

#### **Full text of R-phrases referred to under sections 2 and 3**

- |    |  |
|----|--|
| 10 | Flammable.   |
| 11 | Highly flammable.  |
| 18 | In use, may form flammable/explosive vapour-air mixture. |
| 36 | Irritating to eyes.                                      |
| 67 | Vapours may cause drowsiness and dizziness.              |

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*