

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Air Duster PRF 4-44 Flammable

**Approval date:** 28.1.2009

**Supplier:** Taerosol Oy  
Aakkulantie 21, 36220 Kangasala, Finland  
Tel. +358 33 56 56 00  
Fax. +358 33 56 56 56

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients considered hazardous to health:**

<u>CAS-number</u>	<u>Chemical name</u>	<u>Concentration</u>	<u>Symbol / Risk phrases</u>
811-97-2	1.1.1.2 Tetrafluorethan	20-40 %	
74-98-6	Propane	25-40 %	F+, R 12
106-97-8	Butane	25-40 %	F+, R 12

## 3. HAZARDS IDENTIFICATION

Extremely flammable.

## 4. FIRST AID MEASURES

**Eye contact:** Flush thoroughly with water. If irritation continues, call a doctor.

**Skin contact:** Wash contact areas with soap and water. If irritation continues, call a doctor. Polluted clothes may be flammable; they must be moistening before taking off. Clothes must be washed before used again.

**Inhalation:** If unusual tiredness and queasiness occurs when breathing big concentrations, go to fresh air. If continuing, call a doctor.

**Ingestion:** Take patient direct to doctor.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide, foam, powder and sand for small fires.

**Special fire fighting procedures:** Risk of explosion if the cans overheat in fire and the pressure rises.

**Special protective equipment:** Normal protective equipments.

**Other recommendations:** -

## 6. ACCIDENTAL RELEASE MEASURES

**Notification procedures:** Controlled vaporizing.

**Procedures if material is released or spilled:** -

**Environmental precautions:** -

**Personal precautions:** Evacuate all unnecessary people.

## 7. HANDLING AND STORAGE

**Handling:** Breathing the vapours and continuous or long-term contacts to skin must be avoided. Keep away from sources of ignition. No smoking. Keep away from children.

**Storage:** In storage appropriate for extremely flammable aerosols.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation:** Adequate ventilation is recommended.

**Respiratory protection:** -

**Eye protection:** Normal industrial eye protection practices should be employed.

**Skin protection:** All contacts to skin must be avoided.

**Exposure limits:**

Propane	
800 ppm (8 h)	1100 ppm (15 min)
1500 mg/m <sup>3</sup> (8h)	2000 mg/m <sup>3</sup> (15 min)
Butane	
800 ppm (8 h)	1000 ppm (15 min)
1900 mg/m <sup>3</sup> (8 h)	2350 mg/m <sup>3</sup> (15 min)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and odour:</b>	Clear, non-scented gas
<b>Boiling point:</b>	-20 °C (Propane/Butane)
<b>Melting point:</b>	-
<b>Flash point:</b>	less < 0°C
<b>Explosion limits:</b>	2,3 – 9,5 vol %(propane)
<b>Flammability:</b>	-
<b>Density:</b>	700 kg / m <sup>3</sup>
<b>Vapour pressure:</b>	-
<b>Viscosity at 40 °C:</b>	Gas
<b>Solubility in water:</b>	Insoluble

## 10. STABILITY AND REACTIVITY

## 11. TOXICOLOGICAL DATA

**Inhalation:** -

**Eye irritation:** Does not irritate eyes.

**Skin irritation:** Irritates slightly skin. If contacting skin, may cause frostbite.

**Other acute toxicity:** Low toxicity.

## 12. ECOLOGICAL INFORMATION

**Environmental fate and effects:** Vaporizes easily.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Empty cans must be disposed according to laws and environment officials.

**RCRA Information:-**

## 14. TRANSPORT INFORMATION

<b>UN-Number:</b>	1950
<b>ICAO/IATA:</b>	2.1
<b>RID/ADR:</b>	2 (ADR)
<b>IMDG:</b>	2.1
<b>EmS No</b>	F-D, S-U

## 15. REGULATORY INFORMATION

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 away from children.

### Warning symbol(s)

F+                      Extremely flammable



## 16. OTHER INFORMATION

### List of Risk phrases regarding the chemicals

R 12      Extremely flammable

### Source of information

The information contained herewith is based on the information from raw material deliverers.