

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MULTI SPRAY PRF 5-99

Approval date: 31.10.2005

Supplier: Taerosol Oy

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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>
64742-81-0	Hydrocarbon solvents	40-60 %	Xn, R: 65-66
74-98-6	Propane	10-20 %	F+, R 12
106-97-8	Butane	10-20 %	F+, R 12
67-63-0	Isopropanol (IPA)	5-15 %	F, Xi, R:11-36-67
	Mineral oil	5-15 %	

3. HAZARDS IDENTIFICATION

Health: Very big concentrations in the air may affect headache daze and indisposition. Repeated exposure may cause skin dryness.

Environment: -

Fire: Extremely flammable. Vaporizes easily

Other hazards: The classification R 65 (Harmful: May cause lung damage if swallowed) does not apply for products in aerosol containers. (EU Directive 67/548 Annex VI 9.4)

4. FIRST AID MEASURES

Eye contact: Flush thoroughly with water at least 10 min. 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 moisten 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: When taken internally, rinse with water. DO NOT VOMIT, contact doctor. Ingestion may cause pneumonia.

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 equipment.

Other recommendations: Do not extinguish with strong water-jet.

6. ACCIDENTAL RELEASE MEASURES

Notification procedures: Dispose material according to current applicable laws and regulations.

Procedures if material is released or spilled: -

Environmental precautions: Prevent spills from entering to groundwater.

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. If necessary use PVC-gloves.

Exposure limits:

Hydrocarbon solvents (arom. < 17 %)

770 mg/m³ (8 h) 1000 mg/m³ (15 min)

IPA

200 ppm (8 h) 250 ppm (15 min)

500 mg/m³ (8h) 620 mg/m³ (15 min)

Propane

800 ppm (8 h) 1100 ppm (15 min)

1500 mg/m³ (8h) 2000 mg/m³ (15 min)

Butane

800 ppm (8 h) 1000 ppm (15 min)

1900 mg/m³ (8 h) 2350 mg/m³ (15 min)**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance and odour:** Clear, yellowish liquid**Boiling point:** -20 °C (Prop./But.)
82 °C (IPA)**Melting point:** -**Flash point:** < 0°C**Auto flammability:** -**Density:** 670 kg/m³**Explosion limits:** 2,3 – 9,5 vol % -**Viscosity at 40 °C:** -**Solubility in water:** Slightly soluble**10. STABILITY AND REACTIVITY**

11. TOXICOLOGICAL DATA**Inhalation:** Very big concentrations in the air may affect headache daze and indisposition.**Eye irritation:** -**Skin irritation:** Irritates slightly skin. Repeated exposure may cause skin dryness.**Other acute toxicity:** Harmful: May cause lung damage if swallowed

12. ECOLOGICAL INFORMATION

Environmental fate and effects: -

Additional: Soluble slightly in water. Evaporates partly from water or soil. Big quantities may pollute soil and ground water.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Empty cans must be disposed according to laws and environment officials.
RCRA Information:-

14. TRANSPORT INFORMATION

UN-Number: 1950

ICAO/IATA: 2.1

RID/ADR: 2, (ADR)

IMDG: 2.1

EmS No 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



Xn

Harmful

**Risk phrase(s)**

R 12

Extremely flammable

Safety phrase(s)

S 2

Keep out of the reach of children.

S 16

Keep away from sources of ignition – No smoking

16. OTHER INFORMATION**List of Risk phrases regarding the chemicals**

R 11	Highly flammable
R 12	Extremely flammable
R 36	Irritating to eyes
R 65	Harmful: May cause lung damage if swallowed
R 66	Repeated exposure may cause skin dryness or cracking
R 67	Vapours may cause drowsiness and dizziness.

Further information**Source of information**

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