

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** PRF TERVASPRAY

**Date:** 17/09/2005

**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>
67-64-1	Acetone	10-20 %	F, Xi, R: 11-36-66-67
8011-48-1	Pine tar	40-60 %	Xi, R:43
74-98-6	Propane	10-20 %	F+, R12
106-97-8	Butane	10-20 %	F+, R12

## 3. HAZARDS IDENTIFICATION

Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness. Very big concentrations in the air may affect headache, daze and indisposition.

## 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.

**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.

## 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:** 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:** Continuous or repeated contacts to skin must be avoided.

**Storage:** In storage appropriate for extremely flammable aerosols. Keep away from sources of ignition. No smoking. Keep away from children.

## 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:**

Acetone	
500 ppm (8 h)	630 ppm (15 min)
1200 mg/m <sup>3</sup> (8h)	1500 mg/m <sup>3</sup> (15 min)

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

1500 mg/m <sup>3</sup> (8h)	2000 mg/m <sup>3</sup> (15min)
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 odor:</b>	Dark liquid
<b>Boiling point:</b>	-20 °C (Prop / But.)
<b>Melting point:</b>	-
<b>Flash point:</b>	less < 0°C
<b>Auto flammability:</b>	-
<b>Density:</b>	750 kg/m <sup>3</sup>
<b>Explosion limits:</b>	2,3 – 9,5 vol % (Propane)
<b>Vapour pressure:</b>	-
<b>Viscosity at 40 °C:</b>	-
<b>Solubility in water:</b>	Slightly soluble

## 10. STABILITY AND REACTIVITY

-

## 11. TOXICOLOGICAL DATA

### Inhalation:

**Eye irritation:** Irritates eyes.

**Skin irritation:** Irritates skin. Repeated exposure may cause skin dryness or cracking.

### Ingestion:

**Other acute toxicity:**

## 12. ECOLOGICAL INFORMATION

**Environmental fate and effects:** -

**Additional:** Slightly soluble 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.

## 14. TRANSPORT INFORMATION

### Technical aerosol

**UN-Number:** 1950  
**ICAO/IATA:** 2.1  
**RID/ADR:** 2 (ADR)  
**Packing group:** 2  
**IMDG:** 2.1 **EmS code** 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



Xi Irritant



### Risk phrase(s)

R 12 Extremely flammable  
R 43 May cause sensitization by skin contact

### Safety phrase(s)

S 2	Keep out of the reach of children.
S 16	Keep away from sources of ignition – No smoking
S 24/25	Avoid contact with skin and eyes.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 16. OTHER INFORMATION

### List of Risk phrases regarding the chemicals

R 11	Highly flammable
R 12	Extremely flammable
R 36	Irritating to eyes
R 43	May cause sensitization by skin contact
R 66	Repeated exposure may cause skin dryness or cracking.
R 67	Vapours may cause drowsiness and dizziness.

### Source of information

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