

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ELECTROSOL PRF 2-22 **Approval date:** 20.1.2006

Supplier: TAEROSOL Oy
Aakkulantie 21, FIN-36220 Kangasala Finland
Tel: +358 3 356 5600 Fax: +358 3 356 5656

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients considered hazardous to health:

<u>Symbol / CAS-number</u>	<u>Chemical name</u>	<u>Concentration</u>	<u>Risk phrases</u>
74-98-6	Propane	5-15 %	F+, R 12
106-97-8	Butane	5-15 %	F+, R 12
64741-65-7	Hydrocarbon solvents	30-40 %	Xn, R:65-66
151-21-3	Natriumlaurylsulfat	0,3 -0,5 %	Xn, R: 41,20/22, 37/38

3. HAZARDS IDENTIFICATION

Health: Repeated exposure may cause skin dryness.

Environment: -

Fire: Extremely flammable.

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. If irritation continues, call a doctor.

Skin contact: Wash contact areas with soap and water.

Inhalation: -

Ingestion: When taken internally, rinse with water. DO NOT VOMIT, contact doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide, foam, dry chemical and water fog.

Special fire fighting procedures: Risk of explosion if the cans overheat in 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	
900 mg / m ³ (8h)	1200 mg / m ³ (15 min)

Propane	
800 ppm (8 h)	1100 ppm (15 min)
1500 mg/m ³ (8h)	2000 mg/m ³ (15min)

Butane	
800 ppm (8 h)	1000 ppm (15 min)
1900 mg/m ³ (8 h)	2350 mg/m ³ (15 min)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour:	White perfumed foam
Boiling point:	190-210 °C (Hydrocarbon solvents) -20 °C (Propane/Butane)
Melting point:	-
Flash point:	< 0°C
Auto flammability:	-
Density:	880 Kg/m ³
Explosion limits:	2,3 – 9,5 vol %
Vapour pressure:	-
Viscosity at 40 °C:	-
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL DATA**Inhalation:****Eye irritation:** Irritates slightly eyes.**Skin irritation:** Irritates slightly skin. Repeated exposure may cause skin dryness or cracking.**Other acute toxicity:** Harmful: May cause lung damage if swallowed**12. ECOLOGICAL INFORMATION****Environmental fate and effects:****Additional:** 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.

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.

F+ Extremely flammable

**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 12	Extremely flammable
R 20/22	Harmful by inhalation and if swallowed
R 37/38	Irritating to respiratory system and skin
R 41	Risk of serious damage to eyes
R 65	Harmful: May cause lung damage if swallowed
R 66	Repeated exposure may cause skin dryness or cracking

Further information**Source of information**

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