

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: PRF RST

Approval date: 12.2.2009

Supplier: Taerosol Oy
Aakkulantie 21, 36220 Kangasala, Finland
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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> |
|--------------------------------|---------------------------------|----------------------|---------------------|
| 64742-47-8 | Alifatic hydrocarbon solvent | 5-15 % | Xn, R 65-66 |
| 107-98-2 | 1-Metoxi-2-propanol | 15-25 % | R 10 |
| 61789-40-0 | Surface active agent | < 1 % | Xi, R 36 |
| 74-98-6 | Propane | 5-10 % | F+, R 12 |
| 106-97-8 | Butane | 5-10 % | F+, R 12 |

3. HAZARDS IDENTIFICATION

Health: Repeated exposure may cause skin dryness. May cause lung damage if swallowed

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 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 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 solvent arom. < 1 % | 900 mg/m ³ (8 h) | 1200 mg/m ³ (15 min) |
| 1-Metoks-2-propanol | 100 ppm (8 h) 360 mg/m ³ (8h) | 150 ppm (15 min) 540 mg/m ³ (15min) |

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------|---------------------------|
| Appearance and odour: | Clear liquid |
| Boiling point: | -20°C (Propane/Butane) |
| Melting point: | - |
| Flash point: | < 0 °C |
| Auto flammability: | - |
| Density: | 840 kg/m ³ |
| Explosion limits: | 2,3 – 9,5 vol % (Propane) |
| Vapour pressure: | - |
| Viscosity at 40 °C: | - |
| Solubility in water: | Soluble |
| pH: | - |

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: In practice toxicity is insignificant.

12. ECOLOGICAL INFORMATION

Environmental fate and effects:

Additional: Soluble in water. Evaporates partly from water or soil.

13. DISPOSAL CONSIDERATIONS

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

RCRA Information: -

14. TRANSPORT INFORMATION

Technical aerosol

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



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 10 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

Source of information

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