

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FOAM CLEANER PRF BOOSTER

Approval date 03.06.2011

Supplier: TAEROSOL Oy

Hampuntie 21, FIN-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>
74-98-6	Propane	3-7 %	F+, R 12
106-97-8	Butane	3-7 %	F+, R 12
67-63-0	Isopropanol (IPA)	1-2 %	F, Xi, R:11-36-67
151-21-3	Natriumlaurylsulfat	0,1%	Xn, R: 41,20/22, 37/38
111-76-2	2-Butoksetanol	3-6%	Xn, R: 20/21/22, 36/38
18662-53-8	Trinatriumnitriilotriasetats monohydrat (NTANa ₃ .H ₂ O)	0,3-0,5 %	Xn, R: 22-41

3. HAZARDS IDENTIFICATION

Extremely flammable. IPA vaporizes easily. Very big concentrations in the air may effect 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.

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:

2-Butoksetanol	
20 ppm (8 h)	50 ppm (15 min)
98 mg/ m ³ (8h)	250 mg/ m ³ (15min)
IPA	
200 ppm (8 h)	250 ppm (15 min)
500 mg / m ³ (8h)	620 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/m³ (8 h) 2350 mg/m³ (15 min)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour: White foam

Boiling point: 82 °C (IPA)
-20 °C (Propane/Butane)

Melting point: -

Flash point: < 0°C

Auto flammability: -

Density: 980 Kg/m³

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:

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 11	Highly flammable
R 12	Extremely flammable
R 22	Harmful if swallowed
R 20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R 20/22	Harmful by inhalation and if swallowed
R 36	Irritating to eyes
R 36/38	Irritating to eyes and skin
R 37/38	Irritating to respiratory system and skin
R 41	Risk of serious damage to eyes
R 67	Vapours may cause drowsiness and dizziness.

Further information

Taerosol Oy

Source of information

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