

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** FOAM CLEANER PRF BOOSTER

**Approval date:** 23.1.2006

**Supplier:** TAEROSOL Oy

Aakkulantie 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 <sub>3</sub> .H <sub>2</sub> 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 <sup>3</sup> (8h)	250 mg/ m <sup>3</sup> (15min)
IPA	
200 ppm (8 h)	250 ppm (15 min)
500 mg / m <sup>3</sup> (8h)	620 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

**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/m<sup>3</sup>

**Vapour pressure:**                   -

**Viscosity at 40 °C:**                -

**Solubility in water:**                Soluble

## 10. STABILITY AND REACTIVITY

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## 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****Source of information**

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