

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: KONTAKT PRF IPA

Approval date: 23.1.2006

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>
74-98-6	Propane	10-20 %	F+, R 12
106-97-8	Butane	10-20 %	F+, R 12
67-63-0	Isopropanol (IPA)	60-80 %	F, Xi, R:11-36-67

3. HAZARDS IDENTIFICATION

Extremely flammable. 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. If irritation continues, call a doctor. Polluted clothes may be flammable, they must be moisten before taking off. Clothes must be washed before used again.

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. Ingestion may cause pneumonia.

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 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:

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 (15 min)

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:	Clear, colourless liquid
Boiling point:	82 °C (IPA), -20 °C (Prop./But.)
Melting point:	-
Flash point:	< 0°C
Auto flammability:	-
Density:	730 Kg/m ³
Explosion limits:	2,3 – 9,5 vol %
Viscosity at 40 °C:	-
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL DATA

Inhalation: -

Eye irritation: Irritating to eyes.

Skin irritation: Irritates slightly skin.

Other acute toxicity: Low 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



Xi Irritant

**Risk phrase(s)**

R 12 Extremely flammable
R 36 Irritating to eyes.

Safety phrase(s)

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

16. OTHER INFORMATION**List of Risk phrases regarding the chemicals**

R 11	Highly flammable
R 12	Extremely flammable
R 36	Irritating 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