

Date: 03.05.2011

Former date: 26.06.2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**1.1 Identification of the substance or preparation**

Trade name
PRF LAPTOP
Code of the preparation

Reach registration number

1.2 Use of the substance/preparation

- 1.2.1 The uses of the chemical
Cleaner
- 1.2.2 Classification of economic activities (NACE) D Industry
- 1.2.3 Use categories (UC62) 9 Cleaning / washing agents
- 1.2.4 The chemical can be used by the general public
- 1.2.5 The chemical is used by the general public only

1.3 Company/undertaking identification

- 1.3.1 Manufacturer, importer, other undertaking
Taerosol Oy
- 1.3.2 Contact information:
- Street address Hampuntie 21
- Postcode and post office FIN-36220 Kangasala, Finland
- Post-office box
- Postcode and post office
- Telephone number +358 3 356 5600
- Telefax +358 3 356 5656
- E-mail address heikki.jalava@taerosol.com
- Y code 0284768-6
- 1.3.3 Information on the foreign manufacturer

1.4 Emergency telephone**1.4.1 Telephone number, name and address**

In emergency 112

2. HAZARDS IDENTIFICATION

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3. COMPOSITION AND INFORMATION ON INGREDIENTS**3.1 Hazardous ingredients**

3.1.1 CAS/EC number and the Registration number	3.1.2 Name of the ingredient	3.1.3 Concentration	3.1.4 Classification (symbol letters and R phrases) and other data on the ingredient
64-17-5 107-98-2	Denaturated Ethanol 1-Methoxy-2-Propanol	10-20 % 5-10 %	F, R:11 R 10

- 3.1.5 There has been a request for confidentiality of a substance according to Annex 2 of the decree
- 3.1.6 A substance not dangerous has been indicated as confidential
- 3.1.7 Other information

4.	FIRST AID MEASURES		
4.1	Special instructions		
4.2	Inhalation		
	-		
4.3	Skin contact		
	Wash contact areas with soap and water.		
4.4	Eye contact		
	Flush thoroughly with water. If irritation continues, call a doctor.		
4.5	Ingestion		
	When taken internally, DO NOT VOMIT, contact doctor.		
4.6	Information for a doctor or other professionals giving first aid		
	-		
5.	FIRE-FIGHTING MEASURES		
5.1	Suitable extinguishing media		
	-		
5.2	Extinguishing media which shall not be used for safety reasons		
	-		
5.3	Special exposure hazards in a fire		
	-		
5.4	Special protective equipment for fire-fighters		
	-		
5.5	Other instructions		
	-		
6.	ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions		
	-		
6.2	Environmental precautions		
	-		
6.3	Methods for cleaning up		
	-		
6.4	Other instructions		
	-		
7.	HANDLING AND STORAGE		
7.1	Handling		
	Continuous or repeated contacts to skin must be avoided.		
7.2	Storage		
	Temperature over 0°C.		
7.3	Specific use(s)		
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1	Exposure limit values		
8.1.1	HTP values (in Finland)		
	Ethanol	1000 ppm (8h) 1900 mg/m ³ (8 h)	1300 ppm (15 min) 2500 mg/m ³ (15 min)
	1-Methoxy-2-Propanol	100 ppm (8 h) 360 mg/m ³ (8h)	150 ppm (15 min) 540 mg/m ³ (15 min)

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- 8.1.2 Other limit values
- 8.1.3 Limit values in other countries
- 8.1.4 DNELs
- 8.1.5 PNECs

8.2 Exposure controls

- 8.2.1 Occupational exposure controls
Adequate ventilation is recommended.
- 8.2.1.1 Respiratory protection
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- 8.2.1.2 Hand protection
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- 8.2.1.3 Eye protection
Normal industrial eye protection.
- 8.2.1.4 Skin protection
Repeated contact with skin must be avoided.
- 8.2.2 Environmental exposure controls
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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 General information (physical state, colour and odour)
Clear liquid.
- 9.2 Important health, safety and environmental information
- 9.2.1 pH
7
- 9.2.2 Boiling point/boiling range
78 °C (Ethanol)
- 9.2.3 Flash point
-
- 9.2.4 Flammability (solid, gas)
-
- 9.2.5 Explosive properties
-
- 9.2.6 Oxidising properties
-
- 9.2.7 Vapour pressure
-
- 9.2.8 Relative density
960 kg/m³
- 9.2.9 Solubility
- 9.2.10 Water solubility
Soluble in water
- 9.2.11 Partition coefficient: n-octanol/water
- 9.2.12 Viscosity
-
- 9.2.13 Vapour density
-
- 9.2.14 Evaporation rate
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9.3 Other information

10. STABILITY AND REACTIVITY

- 10.1 Conditions to avoid

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- 10.2 **Materials to avoid**
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- 10.3 **Hazardous decomposition products**
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11. TOXICOLOGICAL INFORMATION

- 11.1 **Acute toxicity**
In practice is toxicity insignificant.
- 11.2 **Irritation and corrosivity**
Repeated exposure may cause skin dryness or cracking.
- 11.3 **Sensitisation**
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- 11.4 **Sub-acute, sub-chronic and prolonged toxicity**
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- 11.5 **Human health effects based on experience**
Repeated exposure may be irritating to skin.
- 11.6 **Other information on health effects**
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12. ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity**
- 12.1.1 **Aquatic toxicity**
-
- 12.1.2 **Toxicity to other organisms**
-
- 12.2 **Mobility**
Soluble in water. Evaporates partly from water or soil. Adsorbs in soil.
- 12.3 **Persistence and degradability**
- 12.3.1 **Biodegradation**
-
- 12.3.2 **Chemical degradation**
-
- 12.4 **Bioaccumulative potential**
-
- 12.5 **Results of PBT assessment**
-
- 12.6 **Other adverse effects**
-

13. DISPOSAL CONSIDERATIONS

Empty cans must be disposed according to laws and environment officials

14. TRANSPORT INFORMATION

- 14.1 **UN number**
-
- 14.2 **Packing group**
-
- 14.3 **Land transport**
- 14.3.1 **Transport class**
-
- 14.3.2 **Risk code**
- 14.3.3 **Name according to bill of freight**
Cleaning agent
- 14.3.4 **Other information**
LQ transport, no ADR marking.
- 14.4 **Sea transport**
- 14.4.1 **IMDG class**
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14.4.2 Correct technical name

Cleaning agent

14.4.3 Other information

14.5 Air transport

14.5.1 ICAO/IATA class

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14.5.2 Correct technical name

Cleaning agent

14.5.3 Other information

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15. REGULATORY INFORMATION

15.1 Information on the label

15.1.1 Danger symbols (letters) and indications of danger

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15.1.2 Substances to be named on the label

15.1.3 R phrases

15.1.4 S phrases

15.1.5 Special provisions concerning the labelling of certain preparations

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15.1.6 Chemical Safety Assessment has been carried out for the following substances

15.2 National regulations

16. OTHER INFORMATION

16.1 List of relevant R phrases

R 10 Flammable

R 11 Highly flammable

16.2 Training advice

16.3 Recommended restrictions on use

16.4 Further information

Taerosol Oy

16.5 Sources of key data used to compile the Safety Data Sheet

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

16.6 Information which has been added, deleted or revised