

PRF Teflube

Date 16.6.2015

Previous date: 9.6.2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****1.1.1 Commercial Product Name**

PRF Teflube

1.1.2 Product code

PITEFL52, PITEFL22, PITEFL08

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Recommended use**

Lubricant

1.3 Details of the supplier of the safety data sheet**1.3.1 Supplier**

Taerosol Oy

Street address

Hampuntie 21

Postcode and post office

36220

Postcode and post office

Kangasala Finland

Telephone

03-3565600

Email

heikki.jalava@taerosol.com

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

09-471 977 tai 09-4711 Myrkytystietokeskus / HUS

PL 340 (Haartmaninkatu 4), 00029 HUS (Helsinki)

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture****1272/2008 (CLP)**

Flam. Aerosol 1, H222

Flam. Aerosol 1, H229

67/548/EEC - 1999/45/EC

F; R12

2.2 Label elements**1272/2008 (CLP)**

GHS02

Signal word

Danger**Hazard Statements**

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

Precautionary Statements

P251

Pressurized container: Do not pierce or burn, even after use.

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211

Do not spray on an open flame or other ignition source.

P102

Keep out of reach of children.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

2.3 Other hazards**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

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CAS/EC and Reg. number	Chemical name of the substance	Concentration Classification	
74-98-6	propan	10-20%	F+; R12
200-827-9			;Flam. Gas 1, H220; Press. Gas
106-97-8	butan	10-20%	F+; R12
200-857-2			;Flam. Gas 1, H220; Press. Gas
	Synthetic Oils	50-70%	

4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
When symptoms persist or in all cases of doubt seek medical advice.
- 4.1.2 Inhalation**
In the case of inhalation of aerosol/mist consult a physician if necessary.
- 4.1.3 Skin contact**
Wash off with soap and water.
- 4.1.4 Eye contact**
Immediately flush eye(s) with plenty of water.
- 4.1.5 Ingestion**
Ingestion causes burns of the upper digestive and respiratory tracts.
- 4.2 Most important symptoms and effects, both acute and delayed**
- 4.3 Indication of immediate medical attention and special treatment needed**

5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
- 5.1.1 Suitable extinguishing media**
Dry chemical Carbon dioxide (CO₂)
- 5.1.2 Extinguishing media which must not be used for safety reasons**
Do NOT use water jet.
- 5.2 Special hazards arising from the substance or mixture**
Heating may cause an explosion.
- 5.3 Advice for firefighters**
Heating may cause an explosion.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Immediately evacuate personnel to safe areas.
- 6.2 Environmental precautions**
No special environmental precautions required.
- 6.3 Methods and materials for containment and cleaning up**
- 6.4 Reference to other sections**

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Keep in a well-ventilated place. Keep away from heat and sources of ignition.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep product and empty container away from heat and sources of ignition.
- 7.3 Specific end use(s)**

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Threshold limits**

74-98-6	propan	1000 ppm (8 h)	1100 ppm (15 min)
		1500 mg/m ³ (8 h)	2000 mg/m ³ (15 min)
106-97-8	butan	800 ppm (8 h)	900 ppm (15 min)
		1900 mg/m ³ (8 h)	2400 mg/m ³ (15 min)

8.1.2 Other information on limit values

not determined

8.1.3 Limit values in other countries

not determined

8.1.4 DNELs

not determined

8.1.5 PNECs

not determined

8.2 Exposure controls**8.2.2 Individual protection measures****8.2.2.3 Eye/face protection**

Use respirator when performing operations involving potential exposure to vapour of the product.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Important Health Safety and Environmental Information****9.1.1 Appearance**

Aerosol

9.1.2 Odour

odourless

9.1.3 Odour threshold

not determined

9.1.4 pH

not determined

9.1.5 Melting point/freezing point

not determined

9.1.6 Initial boiling point and boiling range

< -20 °C

9.1.7 Flash point

< 0 °C

9.1.8 Evaporation rate

not determined

9.1.9 Flammability (solid, gas)

Flammable gas, may cause flash fire.

9.1.10 Explosive properties**9.1.10.1 Lower explosion limit**

not determined

9.1.10.2 Upper explosion limit

not determined

9.1.11 Vapour pressure

not determined

9.1.12 Vapour density

not determined

9.1.13 Relative density

not determined

9.1.14 Solubility(ies)**9.1.14.1 Water solubility**

not determined

9.1.14.2 Fat solubility (solvent - oil to be specified) not determined**9.1.15 Partition coefficient: n-octanol/water** not determined**9.1.16 Auto-ignition temperature** not determined**9.1.17 Decomposition temperature** not determined**9.1.18 Viscosity** not determined**9.1.19 Explosive properties** not determined**9.1.20 Oxidising properties** not determined

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9.2 Other information

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10. STABILITY AND REACTIVITY**10.1 Reactivity**

not determined

10.2 Chemical stability

not determined

10.3 Possibility of hazardous reactions**10.4 Conditions to avoid**

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.
Keep away from children.

10.5 Incompatible materials**10.6 Hazardous decomposition products****11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****12. ECOLOGICAL INFORMATION****12.1 Toxicity****12.2 Persistence and degradability****12.3 Bioaccumulative potential****12.4 Mobility in soil****12.5 Results of PBT and vPvB assessment**

not determined

12.6 Other adverse effects**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****14. TRANSPORT INFORMATION****14.1 UN number** 1950**14.2 UN proper shipping name** Aerosol**14.3 Transport hazard class(es)** 2.1**14.4 Packing group** 2**14.5 Environmental hazards****14.6 Special precautions for users****14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical safety assessment**

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16. OTHER INFORMATION**16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements**

R12 Extremely flammable.
H222 Extremely flammable aerosol.

16.8 Additional information available from:

tilaukset(at)taerosol.com