

PRF Teflube

Date 20.3.2017

Previous date: 10.11.2016

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**

Aerosol 1

1272/2008 (CLP)

Aerosol 1, H222

Aerosol 1, H229

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

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****CAS/EC and Reg. number****Chemical name of the substance****Concentration Classification**

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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

PRF Teflube

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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** -**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

16.8 **Additional information available from:**
tilaukset(at)taerosol.com