

**SAFETY DATA SHEET****PRF Stripper**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**SECTION 1: Identification of the substance / mixture and of the company / undertaking**

Date issued	12.06.2017
Revision date	12.06.2017

**1.1. Product identifier**

Product name	PRF Stripper
Article no.	PISTRIS2
Extended SDS with ES incorporated	No

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance / mixture	PC9a - Coatings and paints, thinners, paint removers
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**1.3. Details of the supplier of the safety data sheet**

Company name	Taerosol Oy
Office address	Hampuntie 21
Postal address	Hampuntie 21
Postcode	36220
City	Kangasala
Country	Finland
Telephone number	+358 033565600
Email	<a href="mailto:order@taerosol.com">order@taerosol.com</a>
Website	<a href="http://www.taerosol.com">http://www.taerosol.com</a>
Enterprise No.	02847686

**1.4. Emergency telephone number**

Emergency telephone	Description: 09-471 977 tai 09-4711 Myrkytystietokeskus / HUS PL 340 (Haartmaninkatu 4), 00029 HUS (Helsinki)
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**SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222; Aerosol 1; H229; Acute tox. 4; H312; Skin Irrit. 2; H315; Acute tox. 4; H332; Eye Irrit. 2; H319;
Substance / mixture hazardous properties	Aerosol 1

## 2.2. Label elements

### Hazard pictograms (CLP)



Composition on the label	1.3-dioxolane 50 - 70 %, Butan 10 - 20 %, Propan 10 - 20 %, o-xylene [1] p-xylene [2] m-xylene [3] xylene [4] 5 - 15 %
Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H312 Harmful in contact with skin. H315 Causes skin irritation. H332 Harmful if inhaled. H319 Causes serious eye irritation.
Precautionary statements	P102 Keep out of reach of children. P210 Keep away from . No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P262 Do not get in eyes, on skin, or on clothing. P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50 °C / 122°F.

## 2.3. Other hazards

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
1.3-dioxolane	CAS No.: 646-06-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319	50 - 70 %
Butan	CAS No.: 106-97-8 EC No.: 200-857-2	Flam. Gas 1; H220 Press. Gas	10 - 20 %
Propan	CAS No.: 74-98-6 EC No.: 200-827-9	Flam. Gas 1; H220 Press. Gas	10 - 20 %

	Index No.: 601-003-00-5		
o-xylene [1] p-xylene [2]	CAS No.: 1330-20-7	Flam. Liq. 3; H226	5 - 15 %
m-xylene [3] xylene [4]	EC No.: 202-422-2	Acute tox. 4; H332	
	Index No.: 601-022-00-9	Acute tox. 4; H312	
		Skin Irrit. 2; H315	
		Note : iho	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	In the case of inhalation of aerosol/mist consult a physician if necessary. If in eyes or on skin, rinse well with water.
Inhalation	In the case of inhalation of aerosol/mist consult a physician if necessary.
Skin contact	Get medical attention if symptoms occur.
Eye contact	Immediately flush eye(s) with plenty of water.
Ingestion	Rinse mouth. If swallowed, call a poison control centre or doctor immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

General symptoms and effects	no data available
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### 4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2) Dry chemical
Improper extinguishing media	Do NOT use water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Explosive reaction may occur on heating or burning.
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### 5.3. Advice for firefighters

Personal protective equipment	Protective equipment and precautions for firefighters
Other information	Immediately evacuate personnel to safe areas.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Prevent unauthorised persons entering the zone. Prevent unauthorised persons entering the zone. Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.
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### 6.2. Environmental precautions

Environmental precautionary measures

Prevent product from entering drains.

### 6.3. Methods and material for containment and cleaning up

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling

Do not use in areas without adequate ventilation. No sparking tools should be used. Do not taste or swallow. Do not spray on a naked flame or any incandescent material. Do not smoke. Do not empty into drains. Do not store near combustible materials. Take precautionary measures against static discharges. Prevent vapour buildup by providing adequate ventilation during and after use.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage

Do not store near combustible materials. Storage of flammable liquids

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
1,3-dioxolane	CAS No.: 646-06-0	Limit value (8 h) : 100 ppm Limit value (8 h) : 310 mg/m <sup>3</sup>	
Butan	CAS No.: 106-97-8 EC No.: 200-857-2	Limit value (8 h) : 800 ppm <b>Limit value (short term)</b> Value: 1000 ppm Limit value (8 h) : 1900 mg/m <sup>3</sup> <b>Limit value (short term)</b> Value: 2350 mg/m <sup>3</sup>	
Propan	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5	Limit value (8 h) : 800 ppm <b>Limit value (short term)</b> Value: 1100 ppm Limit value (8 h) : 1500 mg/m <sup>3</sup> <b>Limit value (short term)</b> Value: 2000 mg/m <sup>3</sup>	
o-xylene [1] p-xylene [2] m-xylene [3] xylene [4]	CAS No.: 1330-20-7 EC No.: 202-422-2 Index No.: 601-022-00-9	Limit value (8 h) : 50 ppm <b>Limit value (short term)</b> Value: 100 ppm Limit value (8 h) : 220 mg/m <sup>3</sup> <b>Limit value (short term)</b> Value: 440 mg/m <sup>3</sup>	

**DNEL / PNEC**

DNEL	Comments: not determined
PNEC	Comments: not determined
Control parameters comments	- not determined not determined

**8.2. Exposure controls****Respiratory protection**

Respiratory protection, comments	Provide adequate ventilation. Do not inhale aerosol. Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached.
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**Hand protection**

Required properties for hand protection	It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible.
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**Eye / face protection**

Required Properties	Avoid contact with the skin and the eyes.
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**Skin protection**

Skin protection remark	Avoid contact with the skin and the eyes.
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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	aerosol
Odour	acetone-like
Odour limit	Comments: not determined
Melting point / melting range	Comments: not determined
Boiling point / boiling range	Comments: -20 °C
Flash point	Comments: < 0 °C
Flammability	Extremely flammable.
Vapour pressure	Comments: not determined
Partition coefficient: n-octanol/ water	Comments: not determined
Auto-ignition temperature	Comments: not determined
Decomposition temperature	Comments: not determined
Viscosity	Comments: not determined
Explosive properties	not determined
Oxidising properties	not determined

## 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	Exposure to sunlight.
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#### 10.2. Chemical stability

Stability	Stable
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#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

Conditions to avoid	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.
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#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity, Mixture estimate

Assessment of acute toxicity, classification	LD50/oral/rat = 3000 mg/kg dioxolane
	LC50/inhalation/ 4 h/rat = 87 mg/l dioxolane
	LD50/dermal/rabbit = 9074 mg/kg dioxolane

##### Potential acute effects

Irritation	Irritating to skin. Severe eye irritation
Aspiration hazard, comments	No data is available on the product itself.

##### Delayed effects / repeated exposure

General respiratory or skin sensitisation	No data is available on the product itself.
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##### Carcinogenic, Mutagenic or Reprotoxic

Assessment of carcinogenicity, classification	No data is available on the product itself.
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecotoxicity	Accumulation in aquatic organisms is unlikely.
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## 12.2. Persistence and degradability

Persistence degradability additional information	Readily biodegradable, according to appropriate OECD test.
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Persistence and degradability, comments	No data is available on the product itself.
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## 12.3. Bioaccumulative potential

Bioaccumulative potential	No data is available on the product itself.
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## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

## 12.6. Other adverse effects

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Do not burn, or use a cutting torch on, the empty drum. Dispose of in accordance with local regulations.
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# SECTION 14: Transport information

## 14.1. UN number

ADR/RID/ADN	1950
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IMDG	1950
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ICAO/IATA	1950
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## 14.2. UN proper shipping name

ADR/RID/ADN	Aerosols
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IMDG	Aerosols
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ICAO/IATA	Aerosols
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## 14.3. Transport hazard class(es)

ADR/RID/ADN	2.1
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IMDG	2.1
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ICAO/IATA	2.1
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Comments	2.1
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## 14.4. Packing group

Comments	-
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**14.5. Environmental hazards****14.6. Special precautions for user****14.7. Maritime transport in bulk according to IMO instruments****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Legislation and regulations	2B - Aerosols
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**15.2. Chemical safety assessment****SECTION 16: Other information**

List of relevant H-phrases (Section 2 and 3)	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222; Aerosol 1; H229; Acute tox. 4; H312; Skin Irrit. 2; H315; Acute tox. 4; H332; Eye Irrit. 2; H319;
Additional information	tilaukset(at)taerosol.com
Information added, deleted or revised	The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008. REGULATION (EC) No 453/2010
Version	1