

**PRF Winter Wipes**

Date 19.9.2018

Previous date: 19.9.2018

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

PRF Winter Wipes

**1.1.2 Product code**

PWIPWI075

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

Cleaning agent

**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. Liq. 2, H225

Eye Irrit. 2, H319

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

GHS07 - GHS02

Signal word

**Danger****Hazard Statements**

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

**Precautionary Statements**

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P210

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

P233

Keep container tightly closed.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313

If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards**

Do not get in eyes.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>3.2 Mixtures</b>				
<b>Hazardous components</b>				
<b>CAS/EC and Reg. number</b>	<b>Chemical name of the substance</b>	<b>Concentration</b>	<b>Classification</b>	
64-17-5	ethanol	20-30%	Flam. Liq. 2, H225	
200-578-6			200-578-6	
67-63-0	Isopropanol	1-10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;	
			STOT SE 3: H336	
68439-46-3	C9-11 Alcohol Ethoxylate 6-8 Moles EO	1,8%	Acute Tox. 4: H302; Eye Dam. 1: H318	

**4. FIRST AID MEASURES****4.1 Description of first aid measures****4.1.2 Inhalation**

not hazardous by inhalation

**4.1.4 Eye contact**

Immediately flush eye(s) with plenty of water.

**4.1.5 Ingestion**

Do not induce vomiting without medical advice.

**4.2 Most important symptoms and effects, both acute and delayed**

Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).

**4.3 Indication of immediate medical attention and special treatment needed**

For specialist advice physicians should contact the Poisons Information Service.

**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**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**

Flammable

**5.3 Advice for firefighters**

Explosive reaction may occur on heating or burning.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment.

**6.2 Environmental precautions**

Try to prevent the material from entering drains or water courses.

**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 dry, cool and well-ventilated place.

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**7.2 Conditions for safe storage, including any incompatibilities**

Keep tightly closed in a dry, cool and well-ventilated place.

**7.3 Specific end use(s)****8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.1.1 Threshold limits**

64-17-5	ethanol	1000 ppm (8 h)	1300 ppm (15 min)
		1900 mg/m <sup>3</sup> (8 h)	2500 mg/m <sup>3</sup> (15 min)

**8.1.2 Other information on limit values**

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**8.1.3 Limit values in other countries**

No data is available on the product itself.

**8.2 Exposure controls****8.2.2 Individual protection measures****8.2.2.1 Respiratory protection**

No personal respiratory protective equipment normally required.

**8.2.2.3 Eye/face protection**

Chemical resistant goggles must be worn. Ensure that eye flushing systems and safety showers are located close to the working place.

**8.2.3 Environmental exposure controls**

Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

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

Liquid

**9.1.2 Odour**

Perfumed

**9.1.3 Odour threshold**

There is no data available for this product.

**9.1.4 pH**

No data is available on the product itself.

**9.1.5 Melting point/freezing point**

-20°C

**9.1.6 Initial boiling point and boiling range**

not determined

**9.1.7 Flash point**

28°C

**9.1.8 Evaporation rate**

not determined

**9.1.9 Flammability (solid, gas)**

not determined

**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**

completely soluble

**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

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<b>9.1.18</b>	<b>Viscosity</b>	not determined
<b>9.1.19</b>	<b>Explosive properties</b>	not determined
<b>9.1.20</b>	<b>Oxidising properties</b>	not determined
<b>9.2</b>	<b>Other information</b>	

**10. STABILITY AND REACTIVITY**

- 10.1 Reactivity**  
Keep away from heat and flame. Keep away from sources of ignition - No smoking.
- 10.2 Chemical stability**  
Stable under normal conditions.
- 10.3 Possibility of hazardous reactions**
- 10.4 Conditions to avoid**  
Heat, flames and sparks.
- 10.5 Incompatible materials**  
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 10.6 Hazardous decomposition products**

**11. TOXICOLOGICAL INFORMATION**

- 11.1 Information on toxicological effects**
- 11.1.2 Irritation and corrosion**  
Not Rated
- 11.1.3 Sensitisation**  
Not Rated
- 11.1.4 Subacute, subchronic and prolonged toxicity**  
No data is available on the product itself.
- 11.1.5 STOT-single exposure**  
There is no data available for this product.
- 11.1.6 STOT-repeated exposure**  
There is no data available for this product.
- 11.1.8 Other information on acute toxicity**  
Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**12. ECOLOGICAL INFORMATION**

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**  
This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**  
Readily biodegradable.
- 12.3 Bioaccumulative potential**  
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).
- 12.4 Mobility in soil**
- 12.5 Results of PBT and vPvB assessment**
- 12.6 Other adverse effects**

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**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of wastes in an approved waste disposal facility.

**13.2 Waste from residues / unused products**

Hävittä tyhjät astiat ja jätteet turvallisesti. Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled.

**14. TRANSPORT INFORMATION**

<b>14.1</b>	<b>UN number</b>	UN 3178
<b>14.2</b>	<b>UN proper shipping name</b>	10 - Combustible liquids
<b>14.3</b>	<b>Transport hazard class(es)</b>	4.1
<b>14.4</b>	<b>Packing group</b>	III
<b>14.5</b>	<b>Environmental hazards</b>	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
<b>14.6</b>	<b>Special precautions for users</b>	
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	

**15. REGULATORY INFORMATION**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.2 Chemical safety assessment**

**16. OTHER INFORMATION**

- 16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements**
- |      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour.        |
| H302 | Harmful if swallowed.               |
| H318 | Causes serious eye damage.          |
| H319 | Causes serious eye irritation.      |
| H336 | May cause drowsiness or dizziness.  |
- 16.8 Additional information available from:**  
tilaukset(at)taerosol.com