

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING**

- 1.1 **Name:** ALLSHINE - 250 ml
- 1.2 **Application of the substance / the preparation:** Special cleaner for removing limescale from chrome and stainless steel surfaces
- 1.3 **Manufacturer/Supplier:** Ilirija d.d., Tržaška cesta 40, 1000 Ljubljana, Slovenija  
tel: + 386 1 4709 100, elekt. pošta: [info@ilirija.si](mailto:info@ilirija.si)  
information: 8.00 – 16.00
- 1.4 **Information in case of emergency:** **Instructions on health threats:**  
Immediately consult with your doctor on duty or, in the case of a life threat call 112.

**2. HAZARDS IDENTIFICATION**

2.1 **Classification of mixtures ( Directive 67/548/ES in 1999/45/ES):**

***Xi - IRRITANT***

**R 36/38** Irritating to eyes and skin.

People with sensitive or damaged skin should avoid prolonged contact with the solution. Before use read the manual.

2.2 **LABEL ELEMENTS (Direktive 67/548/ES in 1999/45/ES):**

**Ingredients:** <5% non-ionic surfactant, <5% phosphoric acid

**Hazard Symbol**



**R-phrases:**

**R 36/38** Irritating to eyes and skin.

**S-phrases:**

**S 2** Keep out of the reach of children.

**S 26** If contact with eyes, rinse immediately with plenty of water and seek medical advice.

**S 46** If swallowed, seek medical advice immediately and show this container or label.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

3.1 **Mixtures**

**Chemical composition:** Aqueous solution of phosphoric acid with additives.

**Hazardous ingredients:**

SUBSTANCE	%	CAS No	EC No	Index No	(67/548/ES)	(1272/2008/ES)
<b>Phosphoric acid</b>	2,5-8%	7664-38-2	31-663-2	015-009-00-5	C; R 34	Skin Corr.1B; H 314
<b>Polioksietilen oleil eter</b>	1%	9004-98-2	500-016-2	--	Xn; R 22-41	Skin Irrit.2; H 315 Eye Dam.1; H 318

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#### 4. FIRST AID MEASURES

##### 4.1 FIRST AID

- General measures:** Casualty depart from the danger zone. In case of any problems, seek medical advice.
- Inhalation:** Remove to fresh air, loosen tight clothing.
- Skin contact:** Wash the affected parts of the skin under running water and wash with soap ..
- Contact with eyes:** Wash the eye for 15 minutes under running water or with a bottle of eyewash. In doing so, we open our eyelids with your fingers, turn the eye in all directions. Seek medical advice.
- Swallowing:** Rinse mouth with water. Seek medical attention.
- Information for doctor:** Symptomatic response, specific antidote is not known.

#### 5. FIRE-FIGHTING MEASURES

- 5.1 **Suitable extinguishing agents:** Water spray, dry powder, foam, CO<sub>2</sub>
- 5.2 **Special hazards arising from the substance or mixture:** Fire can release harmful gases / vapors.  
In case of fire packaging with the product removed from the danger zone (only if this is possible without hazard) and cooled with water spray.
- 5.3 **Advice for firefighters:** They must wear protective clothing and independent breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Person-related safety precautions:** We need to avoid contact with the product. Protect yourself with the prescribed protective equipment and provide good ventilation.
- 6.2 **Measures for environmental protection:** Product must not be disposed of into the environment by dropping directly into drains, water, soil, groundwater or surface water. In case of major spills call firefighters.
- 6.3 **Measures for cleaning/collecting:** Sprinkle spilled product with sand or soil and then removed mechanically - Store in a tightly sealed, labeled containers and disposed of in accordance with regulations. Small residues washed with a large amount of water. Effluent should not drain directly into the drains.

#### 7. HANDLING AND STORAGE

- 7.1 **Information for safe handling:**  
Good ventilation of the working area, avoid contact with eyes and skin, while working, eating and drinking and smoking. The bottle cleaners handled carefully so as not to damage mechanical.
- 7.2 **Information about storage:**  
Product stored in tightly closed original container. Keep in a cool, well-ventilated, dry place out of the reach of children. Product should not be exposed to direct sunlight.  
**Storage temperature:** max. +25°C
- 7.3 **Specific use**  
Before use, read the instructions. People with sensitive or damaged skin should avoid prolonged contact with detergent.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters:**

Substance	CAS No	EC No	Limit value
Phosphoric acid	7664-38-2	231-663-2	1 mg/m <sup>3</sup>

**8.2 Exposure control:**

**Personal protective equipment:**

**Respiratory protection:** Avoid inhalation of vapors.

**Eye protection:** Safety glasses.

**Protection of hands:** Protective gloves.

**Specific hygiene measures:** Wash hands thoroughly.

**Other** Cleaner stored away from drinks and food.

Avoid contact with eyes and skin.

The usual precautionary measures are to be adhered to when handling chemicals.

**Environmental exposure controls:** Do not dispose of or discharged directly into the environment ..

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

**9.1 General Information:**

**Form: - 20°C:** colorless liquid

**Odour:** characteristic

**pH value (direct):** 2,0 - 2,5

**Boiling point / range:** Not available

**Melting Point / Range** Not available

**Flash point:** Not available

**Flammability:** Not available

**Explosive properties (upper / lower limit):** Not available

**Oxidizing properties:** Not available

**Vapour pressure:** Not available

**Density at 20 ° C:** 1,085 - 1,100 g/cm<sup>3</sup>

**Viscosity at 20 ° C:** Not available

**Solubility in water:** soluble

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity:** This product is not reactive.

**10.2 Chemical stability:** Stable under normal conditions of storage / handling (7th section).

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- 10.3 **Possibility of hazardous reactions:** Not available
- 10.4 **Unwanted conditions:** Exposure to direct sunlight.
- 10.5 **Materials to avoid:** Not available
- 10.6 **Dangerous decomposition products:** When used properly, there is no decomposition.

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects:***Acute toxicity:* Not available**Potential Health Effects:****Ingestion:** It can be a health problem.**Contact with skin:** Irritant to skin.**Eye contact:** Irritating to eyes.**12. ECOLOGICAL INFORMATION**

- 12.1 **Toxicity:** Not available
- 12.2 **Persistence and degradability:** Not available. The product is composed of materials that are biodegradable.
- 12.3 **Bioaccumulative potential:** Not available
- 12.4 **Other information:** Do not dispose of or discharged directly into the environment drains, ground / soil, groundwater or surface water.

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

Useless surplus, unusable waste and contaminated packaging may be delayed as provided environmental legislation (Regulation on waste and packaging waste).

**14. TRANSPORT INFORMATION****Transport by land:**

The product is not dangerous preparation in the meaning of transport regulations (ADR).

**15. REGULATORY INFORMATION****15.1 Regulations / legislation on health, safety and environmental data specific for the substance or mixture:**

- **Chemicals Act**
- Regulation on the classification, packaging and labeling of dangerous substances
- Rules on the classification, packaging and labeling of dangerous preparations
- Regulation 1272/2008/EC

**15.2 Chemical Safety Assessment**

Chemical safety assessment of mixtures is required.

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**16. OTHER INFORMATION****The importance of R-phrases:****R 22** Harmful if swallowed.**R 34** Causes burns.**R36/38** Irritating to eyes and skin.**R 41** Risk of serious damage to eyes.**The importance of H-phrases:****H 314** Causes severe skin burns and eye damage.**H 315** Causes skin irritation.**H 318** Causes serious eye damage.**Source for Slovenian safety data sheet:**

Material safety data sheets, which are components of the preparation.

**Limiting clause:**

Safety Data Sheet has been prepared on the basis of available information and serves as a basic guide for the safe operation and a starting point and help to obtain additional information, if necessary. The user is obliged to obtain additional information, if given the scale, nature and conditions of the chemical data from the data sheet in his case is not sufficient. The user is also obliged to consider all applicable regulations that come into play and act in accordance with them (eg in the area of health and safety at work, waste storage, transport, etc.). Any natural or legal person who places the chemical on the market in the Republic of Slovenia, is not responsible for any improper use of chemicals and the resulting consequences. Safety Data Sheet does not constitute a guarantee for product quality. The above information is based on our present knowledge and shall not constitute a guarantee for the properties. Existing laws and regulations must take into account the recipient of our product to their responsibility.