



Safety Data Sheet

according to Regulation 1907/2006/EC (REACH)
and amendment 2020/878/EU

WINDOW CLEANER „Diamond shine“;
WINDOW CLEANER „Professional“

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Version: 2 (EN version)

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

1.1. Product identifier: WINDOW CLEANER „Diamond shine“;
WINDOW CLEANER „Professional“

Other means of identification: UFI: D500-Q06Q-P008-TUTD

1.2. Relevant identified uses of the substance or mixture and uses advised against: Suitable for glass, crystal, ceramic surfaces, mirrors, porcelain cleaning. The product „Diamond shine“ is available in 0.5-liter or 1-liter plastic bottles with spray. The „Professional“ product packed in 5-liter canisters or other packaging.

1.3. Details of the supplier of the safety data sheet:

Manufacturer: UAB "Arli Baltic"

Address: Šaltinių g. 26-30, LT-03233 Vilnius, LITHUANIA

Telephone: +370 655 34559

E-mail: info@arlibaltic.lt www.arlibaltic.lt

E-mail address of the competent person responsible for the Safety Data Sheet: info@arlibaltic.lt

1.4. Emergency telephone number:

Lithuanian Poison Information Bureau (24/7): Tel: +370 5 236 20 52; www.apsinuodijau.lt

European Emergency: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification of the mixture according to CLP Regulation (EC) No 1272/2008		
Hazard Classes and Categories	Hazard statement Code(s)	Supplemental hazard statement Code(s)
Not applicable. Mixture not classified as hazardous.		Not applicable.

2.2. Label elements

Labeling according to the CLP Regulation No. 1272/2008/EC:

The signal word: Not applicable

Hazard pictogram: Not applicable

Hazard statements: Not applicable

Supplemental hazard statement: Not applicable

Precautionary statements:

P102 Keep out of reach of children.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water.

The mixture not classified as hazardous, precautionary statements are not required. Safe use icons recommended by the *International Association for Soaps, Detergents and Maintenance Products - A.I.S.E.* may be used instead:



For professional product precautionary statements or safe use icons not necessary

Information according Regulations 648/2004/EC and 907/2006/EC on detergents: Contains less than 5% anionic surfactants, as well as perfumes (Citronellol; Geraniol; Benzyl Salicylate; 3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one).

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2.3. Other hazards

Criteria for PBT or vPvB: Organic ingredients the classification criteria are not met.
Physical/Chemical Effects: Mixture is not combustible or explosive - aqueous solution.

SECTION 3: Composition/information on ingredients

3.2. Mixture - Hazardous ingredients which necessary to indicate, substances for which there are workplace exposure limits as well as ingredients which necessary to indicate on the label according requirements for detergents.

EC No	CAS No	REACH registration No	Chemical name	Concentration, mass %	Classification according to CLP Regulation (EC) No 1272/2008	
200-661-7	67-63-0	01-2119457558-25-xxxx	Propan-2-ol; Isopropanol;	0,5 ÷ 1,0	Flam. Liq. 2; Eye Irrit. 2; STOT SE 3;	H225 H319 H336
500-234-8	68891-38-3	01-2119488639-16-xxxx	Alcohols, C12-14, ethoxylated, sulfates, sodium salts*	0,2÷0,4	Eye Dam.1; Skin Irrit. 2; Aquatic Chronic 3;	H318 H315 H412
Allergenic fragrances						
203-375-0	106-22-9	01-2119453995-23-xxxx	Citronellol	0,01 ÷ 0,05	Skin Irrit. 2; Skin Sens. 1B; Eye Irrit. 2;	H315 H317 H319
203-377-1	106-24-1	01-2119552430-49-xxxx	Geraniol		Skin Irrit. 2; Skin Sens. 1; Eye Dam.1;	H315 H317 H318
204-262-9	118-58-1	01-2119969442-31-xxxx	Benzyl salicylate		Skin Sens. 1B; Eye Irrit. 2; Aquatic Chronic 3;	H317 H319 H412
204-846-3	127-51-5	01-2120138569-45-xxxx	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one		Skin Sens. 1; Aquatic Chronic 2;	H317 H411

Notes: Full texts of hazard classes, categories, hazard statements (H) and supplemental hazard statements EUH) indicated in Sections 16.

* Substances for which in Regulation 1272/2008/EC or after the REACH registration established specific concentration limits for the classification of the mixtures specified in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Common information: in all cases of doubt, or when symptoms persist, seek medical attention. In case of unconscious, do not give anything to drink or put anything in the mouth. In case of suspected poisoning of the product, seek medical advice or contact Lithuanian Poison Information Bureau: Tel: +370 5 236 20 52.

Inhalation: There is no real risk in normal circumstances or in accidents. Low-volatile aqueous solution. After inhalation of spray - fresh air, rest, take deep breaths. Rinse mouth with water.

Skin Contact: Rinse skin with water.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 10 minutes occasionally lifting the upper and lower eyelids. If eye irritation persists: get medical advice/attention.

Ingestion: Rinse mouth and throat. Drink a few glasses of water. Do NOT induce vomiting. There is possibility of suffocation - foaming may occur. Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed: splashes of the product may cause moderate eyes irritation - redness, pain, tearing. Prolonged or repeated contact causes defatting and drying of the skin. If swallowed, causes irritation of the digestive tract. Inhalation of spray may cause moderate irritation of the respiratory system.

4.3. Indication of any immediate medical attention and special treatment needed: No specific recommendations. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media: Product is not combustible. In case of fire in the surroundings: use appropriate extinguishing media.

5.2. Special hazards arising from the mixture: Not really from product itself.

5.3. Advice for firefighters:

Heating will cause rise in pressure with risk of bursting. Keep containers cool with water spray.

Special protective equipment for fire-fighters:

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Since the product is in small sealed packages, a major accident risk is not really. After large spill, ventilate area of leak. Avoid contact with skin and eyes. Evacuate all persons not involved in remedying emergency condition from hazardous area. Wear protective gloves. Stop or reduce any leaks if such action is safe. Ground floor may be slippery.

6.2. Environmental precautions: Do not allow of the large amounts released to drain systems or onto the soil.

6.3. Methods and material for containment and cleaning up: Collect leaked liquid in an appropriate container ex., from plastic, steel. Remainders absorb with textile, sand, sawdust, and place in a chemical waste container. Wash away remainder with water.

6.4. Reference to other sections: Suitable protective equipment referred in Section 8, requirements to disposal considerations referred in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling: Use for purposes and instruction that note on the label or in the technical data sheet. Avoid contact with eyes and skin. Wear impervious to liquids gloves. Do not to eat, drink and smoke in work areas. Wash hands after use.

7.2. Conditions for safe storage, including any incompatibilities: Store at temperature more than 0 °C. Keep away from heat sources. Keep the packages tightly closed. Protect packages against physical damage. Avoid freezing. Incompatible materials: if stored in the tightly sealed packages – not known.

7.3. Specific end use(s): Referred to in subsection 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters: Occupational exposure limit values - Lithuanian Hygiene Norm HN 23:2011 / 2018 data:

- propan-2-ol - TLV = 600 mg/m³ / 250 ppm as STEL; 350 mg/m³ / 150 ppm as TWA
 TLV – Threshold Limit Value;
 STEL - Short Term Exposure Limit;
 TWA – Time Weighted Average.

8.2. Exposure controls

8.2.1. Appropriate engineering controls: Well ventilation. Protect from leaking. Protect packages against physical damage.

8.2.2. Individual protection measures, such as personal protective equipment

(a) Eye / face protection: If it is necessary – safety glasses, safety goggles, face shield.

(b) Skin protection: To wear latex, rubber, polyethylene or other impervious to liquids gloves recommended.

(c) Respiratory protection: Not needed in normal circumstances. In serious accident if ventilation is not adequate - protection from organic vapours - masks with filters type A1 according EN 14387 (EN 141) or respirators FFA1 according EN 405.

(d) Thermal hazards: Not applicable.

(e) Personal hygiene measures: do not eat, drink or smoke. After work, wash your hands with soap and water.

8.2.3. Environmental exposure controls: Protect from leaking. Do not empty large quantities of the product into drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Sparkling liquid
Colour:	Bluish clear.
Odour:	As contained fragrances
pH:	8,0 – 8,5
Melting point/freezing point:	< 0°C
Initial boiling point and boiling range:	From 82,5 °C (propan-2-ol) to 100°C (water)
Flash point:	Not applicable.
Evaporation rate (n- butylacetate =1):	Not applicable - water solution
Flammability (solid, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not applicable - water solution
Vapour density (air = 1):	2,1 - propan-2-ol
Relative density:	~ 1,0
Solubility(ies):	Miscible in water in any proportions.
Partition coefficient: n-octanol/water:	Propan-2-ol logPow = 0,05 For the containing surfactants: EC No. 500-234-8: logPow = 0,3 (23 °C temp.; pH 6,1);
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Viscosity:	No data, irrelevant - approximately as water
Explosive properties:	Not applicable.
Oxidising properties:	Components have no oxidising properties.
Particle characteristic:	No data.

9.2. Other information: none.

SECTION 10: Stability and reactivity

- 10.1. Reactivity:** The product is stable under normal conditions of use, storage and transport.
- 10.2. Chemical stability:** Stable under normal storage and circumstances conditions.
- 10.3. Possibility of hazardous reactions:** The product does not present possibility of hazardous reactions.
- 10.4. Conditions to avoid:** High temperatures (> 50°C), freezing (≤ 0 °C).
- 10.5. Incompatible materials:** Strong oxidising agents, all substances that reacts with water.
- 10.6. Hazardous decomposition products:** No decomposition if used for the intended uses.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- a) Acute toxicity:** according available data, the mixture does not meet the classification criteria.
- b) Skin corrosion (or) irritation:** according available data, the mixture does not meet the classification criteria.
- c) Serious damage to the eyes and (or) eyes irritation:** according available data, the mixture does not meet the classification criteria.
- d) Respiratory or skin sensitization:** according available data, the mixture does not meet the classification criteria.
- e) Mutagenicity:** according available data, the mixture does not meet the classification criteria.
- f) Carcinogenicity:** according available data, the mixture does not meet the classification criteria.
- g) Reproductive toxicity:** according available data, the mixture does not meet the classification criteria.
- h) Specific target organ toxicity (single exposure):** according available data, the mixture does not meet the classification criteria.
- i) Specific target organ toxicity (repeated exposure):** according available data, the mixture does not meet the classification criteria.
- j) Aspiration hazard:** according available data, the mixture does not meet the classification criteria.

11.2. Information on other hazards: None.

SECTION 12: Ecological information

12.1. Toxicity: According available data, the mixture does not meet the classification criteria.

12.2. Persistence and degradability: Soluble in water, diffuses. Propan-2-ol is readily biodegradable. The surfactants contained in this mixture complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential: No data.

12.4. Mobility in soil: No data.

12.5. Results of PBT and vPvB assessment: Not applicable.

12.6. Endocrine disrupting properties: No data.

12.7. Other adverse effects: There is no other relevant information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

Disposal: Consult federal, state and local disposal regulations to determine disposal classification and acceptable methods of disposal.

Contaminated packaging: Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: Transport information (RID/ADR)

14.1. UN Number or ID number: Not applicable.

14.2. UN Proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user: The packages must be tightly closed. Avoid the risk of mechanical damage and overturning. Hand protective equipment referred in Section 8 must be.

14.7. Maritime transport in bulk according to IMO instruments: Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance

General designations (laws):

- EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Corrigendum (OJ No. L 396, 30.12.2006 Corrigendum – OJ No. L 136/3 2007 5 29).

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ 2008 L 353, p.1).

- COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020 p. 28–58).

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

European Parliament and Council regulation of March 31st, 2004, no. 648/2004/EB and the change 907/2006/EB on detergents (EU Official Gazette. L104, 2004-08-08, p.1 No. L168, 2006-06-21, p.5).

- HN 23:2011 "Occupational Exposure Limit Values. Measuring the impact and General Requirements (Approved by the Minister of Health and Social Security and Labor of the 1st of September, 2011, Order No. V-824/A1-389, Official Gazette, 2011, No. 112-5274 and the change approved by the Minister of Health and Social Security of the Republic of Lithuania and the Minister of Labor in June 12, 2018, order no. V-695 / A1-272, Official Gazette, 2018-06-15, No. 9988).

- Packaging and packaging waste regulations, new redaction (Approved by the Minister of Environment of the Republic of Lithuania on the 31th of March, order No. D1-225, Official Gazette., 2016-01-01, No. 2016-06779).

- Waste management rules. (New redaction, Approved by the Minister of Environment of the Republic of Lithuania on the 3rd of May, 2011, order No. D1-368, Official Gazette., 2011, no. 57-2721), and amendments approved by the Minister of the Environment in 2015 June 23 by order No. D1-489 (Official Gazette, 25/06/2015, No. 10138) and December 29, 2017, by order No. D1-1061 (Official Gazette, 2018-01-02, No. 57).

- Employees with personal protective equipment regulations. (Approved by the Ministry of Social Security and Labour Minister in November 26th, 2007, order No. A1-331, Official Gazette., 2007, 123-5055) and the change, approved by the Minister of Social Security and Labor of the Republic of Lithuania in April 19, 2018, by order No. A1-170 (Official Gazette, 2018-04-20, No. 2018-06281).

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- Commission Regulation (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (OJL 083, 30.3.2011, p.1).

15.2. Chemical safety assessment: For mixture - not applicable.

SECTION 16: Other information

Substances for which in Regulation 1272/2008/EC or after the REACH registration established specific concentration limits for the classification of the mixtures:

EC No	CAS No	REACH registration No	Chemical name	Specific concentration limits
500-234-8	68891-38-3	01-2119488639-16-xxxx	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Eye Dam. 1; H318: C ≥ 10% Eye Irrit. 2; H319: 5% ≤ C < 10%

Hazard classes and categories, hazard phrases texts and other marks interpretations, mentioned in Section 3:

<i>Hazard Classes and Categories</i>		<i>Hazard statements and Supplemental hazard statements</i>	
Flam. Liq. 2	Flammable liquids, category 2	H225	Highly flammable liquid and vapour.
Eye Irrit. 2	Serious eye damage / eye irritation, category 2	H319	Causes serious eye irritation.
Eye Dam. 1	Serious eye damage / eye irritation, category 1	H318	Causes serious eye damage.
Skin Irrit. 2	Skin corrosion / irritation, category 2	H315	Causes skin irritation.
STOT SE 3	Specific target organ toxicity — single exposure, Category 3	H336	May cause drowsiness or dizziness.
Skin Sens. 1 Skin Sens. 1B	Skin sensitization, category 1 and subcategory 1B	H317	May cause an allergic skin reaction.
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, category 3	H412	Harmful to aquatic life with long lasting effects.
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, category 2	H411	Toxic to aquatic life with long lasting effects.

Additional sources of the safety data sheet:

Safety Data Sheets issued by manufacturers or suppliers of components.

Data available on the websites of the European Chemicals Agency (ECHA), other international and national organizations.

This safety data sheet must be available to anyone whose work is associated with a chemical agent. The data correspond to our current knowledge and is intended to describe safety, health and environmental aspects. The safety data sheet information will be updated with new data on the chemical mixture on health and environmental risks, preventive measures to reduce or to avoid. The safety data sheet does not constitute any specific chemical substance properties.

End of safety data sheet