

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1	Product ID: Protan Cleaner G 125
1.2	Relevant identified uses of the substance or mixture and uses advised against: Recommended use: Surface modifier. For professional/industrial users only. This product degreases and improves the adhesion of silicones to glass, ceramic tiles, metal, plastics, and other materials. Unique identifier UFI CODE: 72F1-201W-N00N-C8FP. Uses advised against: No uses advised against
1.3	Details of the supplier of the safety data sheet: Protan Polska Sp. z o. o. Ostrobramska Street 101A; 04-041 Warsaw Poland Tel.: +48 (22) 825 37 03 - Fax: +48 (22) 825 68 26 email: protan@protan.pl http://www.protan.pl
1.4	Emergency telephone number: +48 (22) 825 37 03 from 8 a.m. to 4 p.m.; 112; 998; 999
SECTION 2: HAZARD IDENTIFICATION	
2.1	Classification of the substance or mixture: Regulation No. 1272/2008 (CLP): The classification of this product was carried out in accordance with Regulation No. 1272/2008 (CLP). Eye Irrit. 2: Serious eye damage/eye irritation, Category 2, H319 Flam. Liq. 2: Flammable liquids, Category 2, H225 STOT SE 3: Specific target organ toxicity - single exposure, Category 3, narcotic effects, H336
2.2	Marking elements: Regulation No. 1272/2008 (CLP): Danger:  Hazard statements: Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness. Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/protective clothing/eye protection/face protection. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370+P378: In case of fire: Use an ABC powder extinguisher to extinguish. P501: Dispose of contents/container to containers in accordance with the law on hazardous waste or containers, respectively. and waste in containers Additional information: EUH066: Repeated exposure may cause skin dryness or cracking. Substances that influence classification Butanone; 1-methoxypropan-2-ol
2.3	Other threats: The substances used do not meet the PBT/vPvB criteria. It does not contain substances that disrupt the functioning of the endocrine system .
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS	
3.1	Substances: Not applicable:
3.2	Mixtures : Chemical description: A mixture based on solvents, alcohols and surfactants.

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

Ingredients:

In accordance with Annex II to Regulation (EC) No 1907/2006 (point 3), the Product contains:

IDENTIFICATION	CHEMICAL NAME / CLASSIFICATION		CONCENTRATION
CAS: 78-93-3 EC: 201-159-0 Index: 606-002-00-3 REACH: 01-2119457290-43-XXXX	Butanone ⁽¹⁾	ATP CLP00	45 - <60%
	Regulation 1272/2008	Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger  	
CAS: 107-98-2 EC: 203-539-1 Index: 603-064-00-3 REACH: 01-2119457435-35-XXXX	1-methoxypropan-2-ol ⁽¹⁾	ATP ATP01	45 - <60%
	Regulation 1272/2008	Flam. Liq. 3: H226; STOT SE 3: H336 - Warning  	

⁽¹⁾ The substance poses a risk to health or the environment, meets the criteria set out in Commission Regulation (EU) No 2020/878

For more information on the hazards of the substances, see sections 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Symptoms of poisoning may only appear after exposure, therefore in case of doubt, direct exposure to a chemical product or prolonged malaise, consult a doctor and show him the product's Safety Data Sheet.

By inhalation:

Remove the injured person from the exposure area, provide fresh air, and rest. In severe cases, such as cardiac and respiratory arrest, artificial respiration should be administered (mouth-to-mouth, cardiac massage, oxygen delivery, etc.). and call for medical help immediately.

By skin contact:

Remove contaminated clothing and shoes, cleanse the skin, or wash the affected person with neutral soap and rinse thoroughly with cold water. In case of serious symptoms, seek medical attention. If the mixture has caused burns or frostbite, do not remove the affected person's clothing, as this may cause further injury if the clothing is stuck to the skin. If blisters appear, do not puncture them, as this may increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with room-temperature water for 15 minutes. Do not allow the injured person to rub or close their eyes. If the injured person wears contact lenses, remove them unless they are stuck to the eye; otherwise, further injury may occur. In all cases, after washing the injured person, consult a doctor as soon as possible and show them the Safety Data Sheet.

By ingestion/aspiration:

If swallowed, consult a doctor and show him the product's Safety Data Sheet.

4.2 Most important acute and delayed symptoms and effects of exposure:

For acute and delayed effects of exposure, see sections 2 and 11.

4.3 Indications for any immediate medical attention and special treatment of the injured person:

Not applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Foam extinguisher (AB), Dry powder extinguisher (ABC), Carbon dioxide extinguisher (BC).

Unsuitable extinguishing media:

A stream of water

5.2 Special hazards arising from the substance or mixture:

Combustion or thermal decomposition produces reaction subproducts that can be highly toxic and, consequently, may pose a serious health risk.

5.3 Information for fire brigades:

Depending on the size of the fire, it may be necessary to wear full protective clothing and self-contained breathing apparatus. A minimum set of emergency equipment and resources (fire blankets, first aid kit) should be available in accordance with Directive 89/654/EC.

Additional provisions:

Follow the Internal Emergency Plan and information leaflets describing procedures for accidents and other emergencies. Neutralize all ignition sources. In the event of a fire, cool vessels and containers used to store products susceptible to ignition, explosion, or BLEVE due to high temperatures. Do not allow fire extinguishing products to enter water tanks.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Contain the product release, provided the activity does not pose a risk to those performing it. Evacuate the area and remove anyone not

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

	<p>wearing appropriate protective equipment. In the event of contact with the spilled product, personal protective equipment (see Section 8) must be worn. Priority should be given to preventing the formation of flammable air/vapor mixtures, both through ventilation and the use of an inert agent. Eliminate all ignition sources. Eliminate electrostatic charges by ensuring grounding and interconnecting all conductive surfaces where static electricity can build up.</p> <p>For those providing assistance: Wear protective clothing. Remove unprotected persons to a safe place. See section 8.</p>																													
6.2	<p>Environmental precautions: This product is not classified as hazardous. Do not contaminate groundwater, surface water, watercourses, soil, or sewage systems.</p>																													
6.3	<p>Methods and materials to prevent the spread of contamination and to remove contamination: It is recommended: Do not allow the product to enter drains, sewers, or watercourses. Absorb spills with sand or an inert absorbent and move them to a safe place. Do not absorb with sawdust or other combustible absorbents. Collect the product in suitable containers and dispose of it in accordance with applicable regulations. Spills into water or the sea: Small spills: Contain the spill using barriers or similar equipment. Use appropriate absorbents for waste collection and disposal in accordance with applicable regulations. Large spills: If possible, contain the spill in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product using suitable mechanical means. Always consult experts before using dispersants and ensure you have the necessary permits. Handle waste in accordance with applicable regulations.</p>																													
6.4	<p>References to other sections: See also pp. 8 and 13.</p>																													
SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES																														
7.1	<p>Precautions for safe handling: A.- Precautions necessary for safe handling of the product. To prevent workplace hazards, comply with applicable laws. Keep containers tightly closed. Control spills and waste by disposing of them safely (Section 6). Prevent spontaneous release from containers. Maintain order and cleanliness when handling hazardous products. B.- Technical recommendations for the prevention of fires and explosions. Transfer in well-ventilated areas, preferably using local extraction. Completely control ignition sources (cell phones, sparks) and ventilate the area during cleaning. Avoid the formation of hazardous atmospheres in containers by using inerting systems where possible. Transfer slowly to prevent the buildup of electrostatic charges. If there is a possibility of electrostatic charges: ensure complete equipotential bonding, always use grounding devices, do not wear work clothes made of acrylic fibers, and wear cotton clothing and conductive footwear. Avoid direct contact and spraying of the product. The basic safety requirements for equipment and systems specified in Directive 2014/34/EC (Regulation of the Minister of Economy of 22 December 2005, Journal of Laws of 2005, No. 263, item 2203) and the basic provisions on occupational health and safety in accordance with the selection criteria of Directive 1999/92/EC (Regulation of the Minister of Economy of 8 July 2010, Journal of Laws of 2010, No. 138, item 931) must be met. Information on conditions and substances to avoid can be found in Section 10. C.- Technical recommendations to prevent toxicological risks. Do not eat or drink when handling the product. Wash your hands with an appropriate cleanser after handling. D.- Technical recommendations to prevent environmental hazards. It is recommended to keep absorbent material close to the product (see section 6.3)</p>																													
7.2	<p>Conditions for safe storage, including information on any incompatibilities: A.- Special storage requirements. Min. temp.: 5 °C Max temp.: 35 °C Maximum time: 6 months B.- General storage conditions. Avoid sources of heat, radiation, and static electricity. Store away from foodstuffs. For more information, see section 10.5.</p>																													
7.3	<p>Specific end use(s): See section 1.2.</p>																													
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION																														
8.1	<p>Control parameters: Occupational exposure limits should be monitored for the following substances: Journal of Laws 2018, item 1286, as amended:</p> <table border="1"> <thead> <tr> <th>IDENTIFICATION</th> <th colspan="2">LIMIT VALUES OF ENVIRONMENTAL QUALITY STANDARDS</th> </tr> </thead> <tbody> <tr> <td>Butanone CAS: 78-93-3 EC: 201-159-0</td> <td>NDS</td> <td>450 mg/m³</td> </tr> <tr> <td></td> <td>NDSch</td> <td>900 mg/m³</td> </tr> <tr> <td>1-methoxypropan-2-ol ⁽¹⁾ CAS: 107-98-2 EC: 203-539-1</td> <td>NDS</td> <td>180 mg/m³</td> </tr> <tr> <td></td> <td>NDSch</td> <td>360 mg/m³</td> </tr> </tbody> </table> <p>Skin ⁽¹⁾</p> <p>DNEL (Employees):</p> <table border="1"> <thead> <tr> <th rowspan="2">IDENTIFICATION</th> <th colspan="2">SHORT EXPOSURE</th> <th colspan="2">LONG EXPOSURE</th> </tr> <tr> <th>Systematic</th> <th>Locally</th> <th>Systematic</th> <th>Locally</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	IDENTIFICATION	LIMIT VALUES OF ENVIRONMENTAL QUALITY STANDARDS		Butanone CAS: 78-93-3 EC: 201-159-0	NDS	450 mg/m ³		NDSch	900 mg/m ³	1-methoxypropan-2-ol ⁽¹⁾ CAS: 107-98-2 EC: 203-539-1	NDS	180 mg/m ³		NDSch	360 mg/m ³	IDENTIFICATION	SHORT EXPOSURE		LONG EXPOSURE		Systematic	Locally	Systematic	Locally					
IDENTIFICATION	LIMIT VALUES OF ENVIRONMENTAL QUALITY STANDARDS																													
Butanone CAS: 78-93-3 EC: 201-159-0	NDS	450 mg/m ³																												
	NDSch	900 mg/m ³																												
1-methoxypropan-2-ol ⁽¹⁾ CAS: 107-98-2 EC: 203-539-1	NDS	180 mg/m ³																												
	NDSch	360 mg/m ³																												
IDENTIFICATION	SHORT EXPOSURE		LONG EXPOSURE																											
	Systematic	Locally	Systematic	Locally																										

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

Butanone	Orally	Not applicable	Not applicable	Not applicable	Not applicable
CAS: 78-93-3	Cutaneous	Not applicable	Not applicable	1161 mg/kg	Not applicable
EC: 201-159-0	Inhalation route	900 mg/m ³	Not applicable	600 mg/m ³	Not applicable
1-methoxypropan-2-ol	Orally	Not applicable	Not applicable	Not applicable	Not applicable
CAS: 107-98-2	Cutaneous	Not applicable	Not applicable	183 mg/kg	Not applicable
EC: 203-539-1	Inhalation route	553.5 mg/m ³	553.5 mg/m ³	369 mg/m ³	Not applicable

DNEL (Population):

IDENTIFICATION		SHORT EXPOSURE		LONG EXPOSURE	
		Systematic	Locally	Systematic	Locally
Butanone	Orally	Not applicable	Not applicable	31 mg/kg	Not applicable
CAS: 78-93-3	Cutaneous	Not applicable	Not applicable	412 mg/kg	Not applicable
EC: 201-159-0	Inhalation route	450 mg/m ³	Not applicable	106 mg/m ³	Not applicable
1-methoxypropan-2-ol	Orally	Not applicable	Not applicable	33 mg/kg	Not applicable
CAS: 107-98-2	Cutaneous	Not applicable	Not applicable	78 mg/kg	Not applicable
EC: 203-539-1	Inhalation route	Not applicable	Not applicable	43.9 mg/m ³	Not applicable

PNEC:

IDENTIFICATION					
1-methoxypropan-2-ol CAS: 107-98-2 EC: 203-539-1	Sewage treatment plant	100 mg/L	Fresh water	10 mg/L	
	Soils	4.59 mg/kg	Sea waters	1 mg/L	
	Occasional	100 mg/L	Sediment (Freshwater)	52.3 mg/kg	
	Orally	Not applicable	Sediment (Sea Water)	5.2 mg/kg	

8.2 Exposure controls:

A.- Individual protection measures such as personal protective equipment.

As a precautionary measure, the use of protective clothing marked with the "CE marking" is recommended. For more information on protective clothing (storage, use, cleaning, maintenance, protection class, etc.), refer to the information sheet provided by the protective clothing manufacturer. The instructions provided here refer to the pure product. Instructions for diluted product may vary depending on the dilution rate, application, application method, etc. When determining the requirement to install emergency showers and/or eyewash stations in warehouses, the regulations regarding the storage of chemical products will be taken into account. For more information, see sections 7.1 and 7.2.

All information in this section – due to the lack of information regarding the protective equipment owned by the company – should be considered as recommendations to prevent hazards arising when working with the product.

B.- Respiratory protection.

PICTOGRAM	PROTECTIVE EQUIPMENT	MARKING	PRICE STANDARDS	COMMENTS
 Mandatory respiratory protection	Filter mask for protection against gases and vapors (Filter type: A)		EN 405:2002+A1:2010	If the odor or taste of the product enters the mask or the connector, the mask should be replaced. If the contaminant does not have clear warning properties, the use of isolation equipment is recommended.

C.- Special hand protection .

PICTOGRAM	PROTECTIVE EQUIPMENT	MARKING	PRICE STANDARDS	COMMENTS
 Mandatory hand protection	Disposable gloves protecting against chemical agents (Material: Linear low-density polyethylene (LLPDE), Breakthrough time: > 480 min, Material thickness: 0.062 mm)		EN ISO 21420:2020	Replace gloves if there are any signs of damage.

Because the product is composed of different materials, the strength of the glove cannot be completely reliably checked in advance and must therefore be tested before use.

D.- Eye and face protection .

PICTOGRAM	PROTECTIVE EQUIPMENT	MARKING	PRICE STANDARDS	COMMENTS
 Mandatory face	Face shield		EN 166:2002 UNE-EN ISO 18526-1 al 4:2020 UNE-EN ISO 18526-1 al 4:2020EN ISO 4007:2018	Clean daily and disinfect regularly according to the manufacturer's instructions.

Protan Cleaner G 125

protection				
E.- Body protection.				
PICTOGRAM	PROTECTIVE EQUIPMENT	MARKING	PRICE STANDARDS	COMMENTS
 Mandatory body protection	Chemical protective clothing, antistatic and flame retardant		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2005/A1:2011 EN ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013 EN 464:1995	For professional use only. Clean regularly according to the manufacturer's instructions.
 Mandatory leg protection	Safety footwear that protects against chemical hazards, has antistatic properties and is resistant to high temperatures.		EN ISO 13287:2020 EN ISO 20345:20 22 EN 13832-1:2019	Replace footwear if there are any signs of damage.

F.- Additional emergency protection measures.

It is recommended to implement additional emergency equipment in workplaces that are particularly exposed to the product or in situations where a risk assessment highlights the need for such equipment.

PICTOGRAM	STANDARDS	EMERGENCY MEASURES	STANDARDS
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eye wash device	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure control:

Under EU environmental law, it is recommended to prevent the product and its packaging from being released into the environment. For more information, see section 7.1.

Volatile organic compounds:

In accordance with the requirements of Journal of Laws 2020, item 1860, this product has the following properties:

VOC (Content):	100% mass
VOC concentration 20 °C:	860.07 kg/m ³ (860.07 g/L)
Average number of carbons:	4
Average molecular weight:	81.1 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties:

For full information see product data sheet.

Physical appearance:

State of matter 20 °C:	Liquid
Appearance:	Liquid
Color:	Not applicable *
Smell:	Characteristic
Odor threshold:	Not applicable *

Volatility:

Boiling point at atmospheric pressure:	80 - 125 °C
Vapor pressure 20 °C:	5826 Pa
Vapor pressure 50 °C:	22196.83 Pa (22.2 kPa)
Evaporation rate:	Not applicable *

Product characteristics:

Density 20 °C:	860.1 kg/m ³
Relative density 20 °C:	0.86
Dynamic viscosity 20 °C:	0.82 mPa s
Kinematic viscosity 20 °C:	0.95 m ² /s

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

	<p>Kinematic viscosity 40 °C: Not applicable *</p> <p>Concentration: Not applicable *</p> <p>pH: Not applicable *</p> <p>Relative vapor density 20 °C: Not applicable *</p> <p>Partition coefficient n-octanol/water 20 °C: Not applicable *</p> <p>Solubility in water 20 °C: Not applicable *</p> <p>Degree of solubility: Not applicable *</p> <p>Decomposition temperature: Not applicable *</p> <p>Melting/freezing point: Not applicable *</p> <p>Flammability of materials:</p> <p>Flash-point: 10 °C</p> <p>Flammability of materials (solid, gas): Not applicable *</p> <p>Auto-ignition temperature: 287 °C</p> <p>Lower explosive limit: Not applicable *</p> <p>Upper explosive limit: Not applicable *</p> <p>Characteristics of molecules:</p> <p>Median equivalent diameter: Not applicable *</p> <p>*No information on the hazards posed by the product</p>										
9.2	<p>Other information:</p> <p>Information on physical hazard classes:</p> <p>Explosive properties: Not applicable *</p> <p>Oxidizing properties: Not applicable *</p> <p>Substances that cause corrosion of metals: Not applicable *</p> <p>Heat of combustion: Not applicable *</p> <p>Aerosols - total percentage (by mass) of flammable components: Not applicable *</p> <p>*No information on the hazards posed by the product</p> <p>Other safety features:</p> <p>Surface tension 20° C: Not applicable *</p> <p>Refractive index: Not applicable *</p> <p>*No information on the hazards posed by the product</p>										
SECTION 10: STABILITY AND REACTIVITY											
10.1	<p>Reactivity:</p> <p>The product is non-reactive under normal storage and handling conditions. See section 7 of the Safety Data Sheet.</p>										
10.2	<p>Chemical stability:</p> <p>Chemically stable under storage and use conditions.</p>										
10.3	<p>Possibility of hazardous reactions:</p> <p>They do not occur if the product is stored and handled according to the recommendations.</p>										
10.4	<p>Conditions to avoid:</p> <p>Should be used and stored at room temperature.</p> <table border="1"> <thead> <tr> <th>SHOCKS AND FRICTIONS</th> <th>CONTACT WITH AIR</th> <th>HEATING</th> <th>SUNLIGHT</th> <th>HUMIDITY</th> </tr> </thead> <tbody> <tr> <td>Not applicable</td> <td>Not applicable</td> <td>Risk of inflammation</td> <td>Avoid direct influence</td> <td>Not applicable</td> </tr> </tbody> </table>	SHOCKS AND FRICTIONS	CONTACT WITH AIR	HEATING	SUNLIGHT	HUMIDITY	Not applicable	Not applicable	Risk of inflammation	Avoid direct influence	Not applicable
SHOCKS AND FRICTIONS	CONTACT WITH AIR	HEATING	SUNLIGHT	HUMIDITY							
Not applicable	Not applicable	Risk of inflammation	Avoid direct influence	Not applicable							
10.5	<p>Incompatible materials:</p> <table border="1"> <thead> <tr> <th>ACIDS</th> <th>WATER</th> <th>OXIDIZERS</th> <th>FLAMMABLE MATERIALS</th> <th>OTHER</th> </tr> </thead> <tbody> <tr> <td>Avoid strong acids</td> <td>Not applicable</td> <td>Avoid direct influence</td> <td>Not applicable</td> <td>Avoid strong bases</td> </tr> </tbody> </table>	ACIDS	WATER	OXIDIZERS	FLAMMABLE MATERIALS	OTHER	Avoid strong acids	Not applicable	Avoid direct influence	Not applicable	Avoid strong bases
ACIDS	WATER	OXIDIZERS	FLAMMABLE MATERIALS	OTHER							
Avoid strong acids	Not applicable	Avoid direct influence	Not applicable	Avoid strong bases							
10.6	<p>Hazardous decomposition products:</p> <p>For a detailed description of decomposition products, please read Sections 10.3, 10.4, and 10.5. Depending on decomposition conditions, complex mixtures of chemicals may be released: carbon dioxide (CO₂), carbon monoxide, and other organic compounds. For more information, see Section 5.</p>										
SECTION 11: TOXICOLOGICAL INFORMATION											
11.1	<p>Information on toxicological effects:</p> <p>There are no experimental data on the toxicological properties of the product.</p> <p>Contains glycols, which may have health-threatening effects, so it is recommended not to inhale its vapors for too long.</p> <p>Health hazard:</p> <p>In the event of repeated, prolonged exposure or at concentrations higher than established occupational exposure limits, adverse health effects may occur depending on the route of exposure:</p>										

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

A - Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met. The product does not contain any classified substances as dangerous if swallowed. For more information see section 3.
- Corrosive/Irritant: Based on available data, the classification criteria are not met as it does not contain any substances classified as hazardous to the environment. For more information, see section 3.

B - Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met. The product does not contain any classified substances as hazardous by inhalation. For more information see section 3.
- Corrosive/Irritant: Based on available data, the classification criteria are not met as it does not contain any substances classified as hazardous to the environment. For more information, see section 3.

C - Contact with skin and eyes (acute effect):

- Skin contact: Based on available data, the classification criteria are not met. The product does not contain any classified substances as hazardous in contact with skin. For more information, see section 3.
- Eye contact: Causes eye damage in contact with eyes.

D - CMR effects (carcinogenicity, mutagenicity and reproductive toxicity):

- Carcinogenicity: Based on available data, the classification criteria are not met. The product does not contain any classified substances as dangerous due to the above-mentioned effects. For more information see section 3.
- IARC: Not applicable - May cause genetic defects: Based on available data, the classification criteria are not met because it does not contain any substance classified as hazardous to the environment. For more information, see section 3.
- May damage fertility: Based on available data, the classification criteria are not met, as it does not contain any substances classified as hazardous to the environment. For more information, see section 3.

E - Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met. The product does not contain substances classified as dangerous due to their sensitizing effects. For more information see section 3.
- Dermal: Based on available data, the classification criteria are not met as it does not contain substances classified as hazardous to the environment. For more information, see section 3.

F - Specific target organ toxicity (STOT) single effect:

- Exposure to high doses may negatively affect the nervous system causing headache, nausea, dizziness, nausea, vomiting, lack of mental clarity and in serious cases lead to loss of consciousness.

G - Specific target organ toxicity (STOT), repeated exposure:

- Specific target organ toxicity (STOT), repeated exposure: Based on available data, the classification criteria are not met. met as it does not contain any substances classified as hazardous to the environment. For more information, see section 3.
- Skin: Repeated exposure may cause skin dryness or cracking.

H - Aspiration hazard:

- Based on the available data, the classification criteria are not met as it does not contain any substances classified as hazardous to environment. For more information, see section 3.

Other information:

Not applicable

Detailed toxicological information about substances:

IDENTIFICATION	ACUTE TOXICITY		TYPE
Butanone CAS: 78-93-3 EC: 201-159-0	LD50 oral	4000 mg/kg	Rat
	LD50 dermal	6400 mg/kg	Rabbit
	LC50 inhalation of vapors	23.5 mg/L (4 h)	Rat
1-methoxypropan-2-ol CAS: 107-98-2 EC: 203-539-1	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation of vapors	>20 mg/L	

Acute toxicity estimate (ATE mix):

ATE mix		INGREDIENTS OF UNKNOWN TOXICITY
Orally	>2000 mg/kg (Calculation method)	0%
Cutaneous	>2000 mg/kg (Calculation method)	0%
LC50 Vapour Inhalation	>20 mg/L (4 h) (Calculation method)	0%

11.2 Information about other threats:

Endocrine disrupting properties

Does not contain substances that disrupt the functioning of the endocrine system.

Other information

Not applicable

SECTION 12: ECOLOGICAL INFORMATION

Based on available data, the classification criteria are not met as it does not contain any substances classified as environmentally hazardous.

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

For more information, see section 3.

12.1 Toxicity:

Toxic effect of the product on aquatic organisms:

ACUTE TOXICITY		TYPE	TYPE
LC50	5576.69 mg/L (96 h)	Pimephales promelas	Fish
EC50	8356.19 mg/L (48 h)	Daphnia magna	Shellfish
EC50	1622.64 mg/L (72 h)	Scenedesmus subspicatus	Seaweed

Toxic effects of the substance on aquatic organisms:

Acute toxicity:

IDENTIFICATION	CONCENTRATION		TYPE	TYPE
Butanone CAS: 78-93-3 EC: 201-159-0	LC50	3220 mg/L (96 h)	Pimephales promelas	Fish
	EC50	5091 mg/L (48 h)	Daphnia magna	Shellfish
	EC50	4300 mg/L (168 h)	Scenedesmus quadricauda	Seaweed
1-methoxypropan-2-ol CAS: 107-98-2 EC: 203-539-1	LC50	20800 mg/L (96 h)	Pimephales promelas	Fish
	EC50	23300 mg/L (48 h)	Daphnia magna	Shellfish
	EC50	1000 mg/L (168 h)	Scenedesmus subspicatus	Seaweed

12.2 Persistence and degradability:

Detailed information about the substance:

IDENTIFICATION	DEGRADABILITY		BIODEGRADABILITY	
Butanone CAS: 78-93-3 EC: 201-159-0	BOD5	2.03 g O ₂ /g	Concentration	Not applicable
	COD	2.31 g O ₂ /g	Period	20 days
	BOD5/COD	0.88	% biodegradable	89%
1-methoxypropan-2-ol CAS: 107-98-2 EC: 203-539-1	BOD5	Not applicable	Concentration	100 mg/L
	COD	Not applicable	Period	28 days
	BOD5/COD	Not applicable	% biodegradable	90%

12.3 Bioaccumulative potential:

Detailed information about the substance:

IDENTIFICATION	BIODEGRADABILITY	
Butanone CAS: 78-93-3 EC: 201-159-0	BCF	3
	POW Log	0.29
	Potential	Short
1-methoxypropan-2-ol CAS: 107-98-2 EC: 203-539-1	BCF	3
	POW Log	-0.44
	Potential	Short

12.4 Mobility in soil:

IDENTIFICATION	ABSORPTION/DESORPTION		VARIABILITY	
Butanone CAS: 78-93-3 EC: 201-159-0	Blanket	30	Henry's constant	5.77 Pa·m ³ /mol
	Conclusions	Very high	Dry soil	Yes
	Surface tension	2.396E-2 N/m (25 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

The product does not meet the PBT/vPvB criteria.

12.6 Endocrine disrupting properties:

Does not contain substances that disrupt the functioning of the endocrine system.

12.7 Other harmful effects:

Not specified

SECTION 13: WASTE CONSIDERATIONS

13.1 Waste disposal methods

CODE	DESCRIPTION	TYPE OF WASTE (COMMISSION REGULATION (EU) No 1357/2014)
08 01 11*	Waste paints and varnishes containing organic solvents or other hazardous substances	Dangerous

Waste type (Commission Regulation (EU) No 1357/2014):

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT) or Aspiration Hazard, HP4 Irritant - causes skin irritation and eye damage.

Waste management (disposal and assessment):

It should be handed over to a specialized disposal company authorized to assess and dispose of waste in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC of the European Parliament and of the Council) and Journal of Laws 2023, item 1587. In accordance with code 15 01 (2014/955/EU), if the container has been in direct contact with the product, it should be handled in the same way as the product itself. Otherwise, it should be handled as non-hazardous waste. Discharge into watercourses is not recommended. See subsection 6.2.

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

Provisions regarding waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH), Community or national provisions relating to waste management have been adopted.
 Community law: Directive 2008/98/EC, 2014/955/EU, Commission Regulation (EU) No 1357/2014 National law: Act of 13 June 2013 on the management of packaging and packaging waste (consolidated text: Journal of Laws 2023, item 1658). Act of 14 December 2012 on waste (consolidated text: Journal of Laws 2023, item 1587).

SECTION 14: TRANSPORT INFORMATION

Ground transport of dangerous goods:

In accordance with the requirements of ADR 2025 and RID 2025:



14.1 UN number or ID number	UN1987
14.2 UN proper shipping name:	ALCOHOLS (Buntanon)
14.3 Transport hazard class(es):	3
Stickers:	3
14.4 Packing group:	II
14.5 Environmental hazards:	NO
14.6 Special precautions for users	
Special provisions:	274, 601, 640D
Tunnel Restriction Code:	D/E
Physicochemical properties:	see section 9
Limited quantity:	1 L
14.7 Bulk maritime transport in accordance with IMO instruments:	Not applicable

Maritime transport of dangerous goods:

In accordance with the requirements of IMDG 41-22:



14.1 UN number or ID number:	UN1987
14.2 UN proper shipping name:	ALCOHOLS (Buntanon)
14.3 Transport hazard class(es):	3
Stickers:	3
14.4 Packing group:	II
14.5 Environmental hazards:	NO
14.6 Special precautions for users	
Special provisions:	274
EmS Codes:	FE, SD
Physicochemical properties:	see section 9
Limited quantity:	1 L
Segregation group:	Not applicable
14.7 Bulk maritime transport in accordance with IMO instruments:	Not applicable

Air transport of dangerous goods:

In accordance with IATA/ICAO 2025 requirements:



14.1 UN number or ID number:	UN1987
14.2 UN proper shipping name:	ALCOHOL NOS (Buntanon)
14.3 Transport hazard class(es):	3
Stickers:	3
14.4 Packing group:	II
14.5 Environmental hazards:	NO
14.6 Special precautions for users	
Physicochemical properties:	see section 9
14.7 Bulk maritime transport in accordance with IMO instruments:	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific to the substance or mixture :

- Article 95, REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL:	Not applicable
- Regulation (EU) 2019/1021 on persistent organic pollutants: - REGULATION (EU) No 649/2012, concerning the export and import of hazardous chemicals: - Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: - Candidate substances for authorisation under Regulation (EC) No 1907/2006 (REACH): - Substances included in Annex XIV of REACH (Authorisation List) and expiry date:	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable

SAFETY DATA SHEET

Safety data sheet according to COMMISSION REGULATION (EU) 2020/878, document v2 dated 07 October 2025 replaces all previous editions.

Protan Cleaner G 125

Restrictions on the sale and use of certain hazardous substances and mixtures (Annex XVII REACH, etc.):

They cannot be used in:

- decorative products intended to produce light or color effects using different phases, e.g. decorative lamps and ashtrays,
- tricks and jokes,
- games intended for one or more participants, or products intended to be used as such, even for the purposes of decorative.

Specific provisions regarding the protection of people or the environment:

It is recommended to use the information collected in this safety data sheet as preliminary data for the assessment of local risks in order to take the necessary steps to prevent risks associated with the handling, use, storage and disposal of this product.

Other recipes:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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, including their subsequent amendments.

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 with subsequent amendments.

Act of 25 February 2011 on chemical substances and their mixtures (consolidated text: Journal of Laws of 2022, item 1816). Notice of the Minister of Economy, Labour and Social Policy of 28 August 2003 on the promulgation of the uniform text of the regulation of the Minister of Labour and Social Policy on general occupational safety and health provisions (Journal of Laws of 2003, No. 169, item 1650 with subsequent amendments).

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to health in the work environment (consolidated text: Journal of Laws of 2023, item 419).

Act of 14 December 2012 on waste (consolidated text: Journal of Laws of 2023, item 1587). Act of 9 October 2015 on biocidal products (consolidated text: Journal of Laws of 2021, item 24). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative exposure limit values to external factors at work in implementation of Council Directive 98/24/EEC on the protection of the health and safety of workers from the risks related to chemical agents at work. And its subsequent updates: Directive 2006/15/EC (second list), Directive 2009/161/EU (third list), Directive (EU) 2017/164 (fourth list), Directive (EU) 2019/1831 (fifth list).

Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws of 2024, item 643). Government declaration of 5 March 2025 on the entry into force of amendments to the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID), constituting Annex C to the Convention concerning International Carriage by Rail (COTIF), done in Berne on 9 May 1980 (Journal of Laws of 2025, item 891).

Regulation of the Minister of Economy of 10 October 2013 on the application of restrictions specified in Annex XVII to Regulation 1907/2006 (consolidated text: Journal of Laws of 2018, item 1865).

Act of 13 June 2013 on the management of packaging and packaging waste (consolidated text: Journal of Laws of 2025, item 870).

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) 1907/2006 and repealing

Regulation (EU) No 98/2013. Regulation of the Minister of Climate of 2 January 2020 regarding the waste catalogue (Journal of Laws 2020, item 10). Government Declaration of 6 March 2025 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done in Geneva on 30 September 1957 (Journal of Laws of 2025, item 642). (Journal of Laws of 2025, item 642).

Act of 15 May 2015 on substances that deplete the ozone layer and on certain fluorinated greenhouse gases (consolidated text: Journal of Laws of 2020, item 2065).

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (consolidated text: Journal of Laws of 2016 No. 0, item 1488).

Act of 29 July 2005 on counteracting drug addiction (consolidated text: Journal of Laws of 2023, item 172). Regulation of the Minister of Health of 24 July 2012 on chemical substances, their mixtures, factors or technological processes with carcinogenic or mutagenic effects in the work environment (Journal of Laws of 2024, item 156).

Regulation of the Minister of Family, Labor and Social Policy of June 12, 2018, on the highest permissible concentrations and intensities of factors harmful to health in the work environment (Journal of Laws of 2018, item 1286, as amended).

Regulation of the Minister of Development of August 8, 2016, on the limitation of emissions of volatile organic compounds contained in certain paints and varnishes intended for painting buildings and their finishing and equipment elements, as well as those related to buildings and these structural elements, and in mixtures for vehicle refinishing

(Journal of Laws of 2016, No. 0, item 1353). Regulation of the Minister of Climate of September 24, 2020, on emission standards for certain types of installations, fuel combustion sources and waste incineration or co-incineration devices (Journal of Laws of 2020, item 1860).

15.2 Chemical safety assessment:

Chemical safety assessment has not been performed

SECTION 16: OTHER INFORMATION

Safety Data Sheet Regulations:

This safety data sheet has been prepared in accordance with ANNEX II - Guidance for the compiler of safety data sheets to Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Protan Cleaner G 125

Changes compared to the previous safety data sheet affecting risk management:

Not applicable

Texts from the regulation mentioned in section 2:

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness. H225: Highly flammable liquid and vapour.

Texts from the regulation mentioned in section 3:

The phrases given do not apply to the product itself, they are for information purposes only and refer to the individual ingredients appearing in chapter 3.

Regulation No. 1272/2008 (CLP):

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Flam. Liq. 3: H226 - Flammable liquid and vapour. STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification process:

Eye Irrit. 2: Calculation method

STOT SE 3: Calculation method Flam. Liq. 2: Calculation method (2.6.4.3.)

Tips for training staff:

It is recommended that personnel who will come into contact with this product receive basic training in occupational safety to facilitate the understanding and interpretation of the safety data sheet and product label.

Main literature sources:<http://echa.europa.eu><http://eur-lex.europa.eu>**Abbreviations used in the text:**

Class supplier's classification

ADR: International Convention concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Dangerous Goods Code IATA: International Air Transport Association ICAO: International Civil Aviation Organization COD: Chemical Oxygen Demand (COD) BOD: 5-day Biochemical Oxygen Demand (BOD_n) BCF: Bioconcentration Factor Log POW: Logarithm of the octanol/water partition coefficient OEL: Highest allowable concentration OEL_{Ch}: Highest momentary allowable concentration EC50: Effective concentration (concentration of a component at which 50% of organisms show an effect within a specified time) LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 PBT: Bioaccumulative potential vPvB: Very bioaccumulative potential IWO: Personal protective equipment STP: Sewage treatment plants Henry: Solubility of a given component in solution in depending on the partial pressure of this component above the solution EC: EINECS and ELINCS number (see also EINECS and ELINCS) EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CEN: European Committee for Standardization STOT: Specific Target Organ Toxicity Koc: Partition coefficient normalized to the organic carbon content, describes the rate of absorption of organic substances in soil DNEL: Derived No Effect Level PNEC: Predicted No Effect Concentration BDO: Waste Database registry number UFI: Unique Formula Identifier IARC: International Agency for Research on Cancer

The information contained in this Safety Data Sheet is based on sources and technical knowledge, as well as applicable European and national legislation, and its accuracy cannot be fully guaranteed. This information cannot be considered a guarantee of product properties, as it only describes safety requirements. The working methods and conditions of users of this product are beyond our knowledge and control, so the user is solely responsible for taking appropriate measures to comply with legal requirements regarding the handling, storage, use, and disposal of chemical products. The information contained in this Safety Data Sheet refers exclusively to this product, which must not be used for purposes other than those specified herein.