



**PROTELIM**

Safety Data Sheet - FDS (Conf. ABNT NBR 14725)

**PROT GLASS**

Version:  
**06**

Revision Date:  
**06/02/2024**

Developed on:  
**06/10/2015**

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PROT GLASS

**Application:** Glass cleaner.

**Company:** **Protelim Indústria Química de Produtos de Higiene e Limpeza Ltda - ME**  
Avenida Henry Ford, nº 962, Mooca, São Paulo – SP. ZIP CODE: 03109-000  
Phone/ Fax +55 (11) 2914-4464  
E-mail: laboratório@protelim.com.br

**Emergency telephone number:** 0800-771-3733 or the nearest Health Service.

## 2. HAZARDS IDENTIFICATION

**Product hazard classification:** Reproductive and lactation toxicity - Category 1B  
Specific target organ toxicity – Single exposure – Category 1  
Specific target organ toxicity – Single exposure – Category 3  
Specific target organ toxicity – Repeated exposure – Category 1  
Specific target organ toxicity – Repeated exposure – Category 2

**Other hazards not resulting in classification:** The product has no other hazards.

**Classification system used:** **ABNT-NBR 14725: 2023 Standard.**  
**Globally Harmonized System for the Classification and Labelling of Chemicals, UN.**

**Hazard Pictograms:**



**Signal word:** Warning.

**Hazard statements:** H360 May damage fertility or the unborn child (fetal malformation) if ingested.  
H370 Causes damage to the central nervous system if ingested.  
H335 May cause respiratory irritation if inhaled.  
H372 Causes damage to blood system if ingested.  
H373 May cause damage to the respiratory system, liver, and spleen if inhaled or ingested.

**Product hazard classification:** **General:**  
P102 Keep out of reach of children.  
**Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust/ fumes/ gas/ mist/ vapors/ aerosols.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink, or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.



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P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Emergency Response:**

P308 + P313 If exposed or concerned: Get medical advice.

P301+P312 IF SWALLOWED: If you feel unwell, contact a POISON CENTER or doctor.

P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/ shower.

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

P310 Immediately call a POISON CENTER or doctor.

P314 If you feel unwell, consult a doctor.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

**Disposal:**

P501 Dispose of contents/ container in accordance with local regulations for waste disposal.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical nature:** Chemical product prepared based on anionic surfactant, adjuvants, preservative, dye, fragrance, and vehicle.

**Substances contributing to the hazard:**

Nome químico	CAS	Conc.% (weight)	Note
Ethyl Alcohol	64-17-5	< 5%	
Isopropyl Alcohol	67-63-0	< 5%	
Ammonium Hydroxide	1336-21-6	< 1%	

Other ingredients in this mixture, at the concentration used, do not contribute to the hazard. It does not contain impurities with significant toxicity.

### 4. FIRST AID MEASURES

**If inhaled:** Remove the victim to a ventilated area and keep them at rest in a position that does not hinder breathing. If feeling unwell, contact a POISON CENTER or a doctor. Take this SDS.

**If case of skin contact:** Wash exposed skin with plenty of water to remove the material. In case of skin irritation: Consult a doctor. Take this SDS.

**If case eye contact:** Flush affected eyes thoroughly with water for at least 15 minutes. If wearing contact lenses, remove them if easy to do. Consult a doctor. Take this SDS.

**If swallowed:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. If feeling unwell, contact a Poison Centre or a doctor. Take this SDS.



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

Harmful if ingested. Inhalation of its vapors can cause irritation to the respiratory tract.

***Notes to physician:***

Provide symptomatic treatment.

**5. FIREFIGHTING MEASURES**

***Suitable extinguishing media:***

Compatible with any fire extinguishing medium.

***Specific hazardous during firefighting:***

None.

***Specific extinguishing methods:***

Avoid contact or mixing with chlorinated materials, peroxides, and acids.

***Special protective equipment for firefighters:***

In case of large fires, use a self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

***Personal precautions, protective equipment and emergency procedures:***

Use acid vapor mask, impermeable boots, gloves, and safety goggles.

***Environmental precautions:***

Rinse the area with plenty of water.

***Methods and materials for containment and cleaning up:***

Contain the leak, collect as much as possible, and rinse the area with plenty of water.

***Recovery:***

The spilled product should not be used anymore. For disposal, check federal, state, and local regulations and restrictions.

**7. HANDLING AND STORAGE**

***Appropriate technical measures for safe handling***

***Precautions for safe handling:***

Handle in a ventilated area using the PPE described in section 8.

***Hygiene measures:***

Contaminated clothing should be changed and washed before reuse. Remove contaminated clothing and protective equipment before entering food areas.

***Safe storage conditions, including any incompatibilities***

***Fire and explosion***

The product is not flammable. It is not expected to present a fire or explosion



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**prevention:** hazard. In case of fire nearby, cool exposed containers with a jet or fine water mist or remove them to a safe area. Maintain cooling even after the fire is extinguished

**Storage:** Keep containers tightly closed in a cool place, avoid excessive stacking.

**Proper storage conditions:** Store in original, tightly closed containers in ventilated areas. Handle with original packaging and keep protected from the weather on pallets.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control parameters:** Not determined for the mixture.

**Engineering control measures:** Maintain adequate ventilation.

**Eye/face protection:** Wear wide-vision chemical safety goggles.

**Skin protection:** Wear impermeable gloves, safety footwear, and normal work clothing.

**Respiratory protection:** None in ventilated environments.

**Thermal hazards:** No thermal hazards present.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**pH:** 10.5 to 11.5

**Distillation range:** no data available.

**Physical state:** Translucent liquid.

**Flash point:** no data available.

**Odour:** Light ammonia odor.

**Vapor pressure:** no data available.

**Colour:** Blue.

**Evaporation rate:** no data available.

**Density:** 0.99 +/- 0.01 g/cm<sup>3</sup>

**Vapor density:** no data available.

**Solubility:** Total in water.

**Decomposition temperature:** no data available.

**Viscosity:** no data available.

**Explosivity limits:**

**Melting point:** no data available.

**LEL (lower explosive limit):** no data available.

**Boiling point:** no data available.

**UEL (Upper explosive limit):** no data available.

## 10. STABILITY AND REACTIVITY

**Stability and reactivity:** Stable product under normal handling and storage conditions.

**Hazardous reactions:** None, except when mixed with incompatible materials.

**Conditions to avoid:** Locations with high temperatures.

**Incompatible materials:** Oxidizing agents (chlorinated and peroxides) and acids.

**Hazardous decomposition products:** None. If exposed to fire, after the water discharge, it may produce normal combustion gases from organic products.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Acute Toxicity Estimate (ATE)  
ATE (oral): > 5000 mg/kg  
ATE (dermal): > 5000 mg/kg

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<b><i>Skin Corrosion/Irritation:</i></b>	Direct contact with the product may cause skin irritation.
<b><i>Serious Eye Damage/Eye Irritation:</i></b>	Direct contact with the product may cause eye irritation with redness and tearing.
<b><i>Respiratory or Skin Sensitization:</i></b>	It is not expected that the product will cause respiratory or skin sensitization.
<b><i>Mutagenicity in Germ Cells:</i></b>	It is not expected that the product will exhibit mutagenicity in germ cells.
<b><i>Carcinogenicity:</i></b>	It is not expected that the product will exhibit carcinogenicity.
<b><i>Reproductive Toxicity:</i></b>	May impair fertility or fetus if ingested.
<b><i>Specific Target Organ Toxicity – Single Exposure:</i></b>	Causes damage to the central nervous system if ingested. May cause irritation of the respiratory tract if inhaled.
<b><i>Specific Target Organ Toxicity – Repeated Exposure:</i></b>	Causes damage to the blood system if ingested. May cause damage to the respiratory system, liver, and spleen if inhaled or ingested.
<b><i>Aspiration Hazard:</i></b>	It is not expected that the product will present a hazard by aspiration.
<b><i>Ingestion:</i></b>	Depending on the quantity, it may cause drowsiness and symptoms of intoxication.
<b><i>Local Effects:</i></b>	None notable.

## 12. ECOLOGICAL INFORMATION

<b><i>Ecotoxicity:</i></b>	Due to the alkaline pH, the product may present ecotoxicity.
<b><i>Persistence/Degradability:</i></b>	In effluents, the product dissolves rapidly.
<b><i>Bioaccumulative Potential:</i></b>	No expected bioaccumulative potential in aquatic environments.
<b><i>Soil Mobility:</i></b>	Not determined.
<b><i>Other Adverse Effects:</i></b>	The surfactants and coadjuvants present in the formula are biodegradable, with no recalcitrant effect. When used correctly, with abundant rinsing and neutralization treatment, the product does not contaminate effluents.

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### 13. DISPOSAL CONSIDERATIONS

<b>Product</b>	Avoid occupational exposure or environmental contamination. Dispose of the product as waste in accordance with local, state, and federal regulations. Appropriate companies should be contacted before disposal.
<b>Waste for residues:</b>	Keep the remnants of the product in their original containers and properly sealed. Dispose of them in an appropriate incinerator. Any disposal method must comply with local legislation and regulations. Do not dispose of it in sewers, soil, or any body of water.
<b>Contaminated packaging:</b>	Empty containers may contain residues of the product, which should be taken into account before disposal. Keep the container with the product/remnants in a suitable and properly identified place. Do not reuse the containers; instead, send them for recycling after washing.

### 14. TRANSPORT INFORMATION

<b>Terrestrial (railways, highways):</b>	Resolution No. 5232/2016 of the National Land Transportation Agency (ANTT).
<b>Ship (sea, rivers, lakes):</b>	International Maritime Dangerous Goods Code (IMDG Code). Norm 5 of the Directorate of Ports and Coasts of the Ministry of the Navy (DPC). National Waterway Transportation Agency (ANTAQ).
<b>Air:</b>	International Civil Aviation Organization - Technical Instructions (ICAO-TI). International Air Transport Association - Dangerous Goods Regulations (IATA-DGR). National Civil Aviation Agency (ANAC).
<b>Classification:</b>	Product not classified as dangerous for transportation according to the above regulations.
<b>Hazardous Components:</b>	None.

### 15. REGULATORY INFORMATIONS

#### **Specific Regulations for the chemical product:**

Federal Decree No. 2,657, dated July 3, 1998.  
 ABNT-NBR Standard 14725: 2023.  
 SANITIZER PRODUCT NOTIFIED TO ANVISA/MS: 25351.460841/2019-31

### 16. OTHER INFORMATION

This SDS was prepared based on current knowledge about the appropriate handling of the product and under normal conditions of use, according to the specified application on the packaging. Any other use of the product that involves its combination with other materials, different from the indicated forms of use, is the responsibility of the user. It is advised that the handling of any chemical substance requires prior knowledge of its hazards by the user. In the workplace, it is the responsibility of the user company to provide training to its employees and contractors regarding the potential risks associated with exposure to the chemical product.

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Sanitizing product notified to ANVISA  
 Operating Authorization MS No. 3.04001-4  
 Technical Responsible: Chemist Alexandre A. Canfora  
 CRQ 04.438.605 – IV Region