

 <b>PROTELIM</b>		Safety Data Sheet - FDS (Conf. ABNT NBR 14725) <b><u>PROT MULT ECCO APC</u></b>	
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## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	PROT MULT ECCO APC
<b>Application:</b>	High Performance Multi-Purpose Cleaner.
<b>Company:</b>	<b>Protelim Indústria Química de Produtos de Higiene e Limpeza Ltda - ME</b> 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
<b>Emergency telephone number:</b>	0800-771-3733 or the nearest Health Service.

## 2. HAZARD IDENTIFICATION

<b>Product hazard classification:</b>	Corrosion and skin irritation - Category 1C. Severe eye damage/eye irritation - Category 1.
<b>Other hazards not resulting in classification:</b>	The product has no other hazards.
<b>Classification system used:</b>	<b>ABNT-NBR 14725: 2023 Standard.</b> <b>Globally Harmonized System for the Classification and Labelling of Chemicals, UN.</b>
<b>Hazard Pictograms:</b>	
<b>Signal word:</b>	Warning.
<b>Hazard statements:</b>	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage.
<b>Precautionary statements:</b>	<b>General:</b> P102 Keep out of reach of children. P103 Read label before use. <b>Prevention:</b> P260 Do not breathe dust/fume/gas/mist/vapors/spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. <b>Emergency Response:</b> P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off 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. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable

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for breathing.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical nature:** Chemical product prepared based on Dodecylbenzene Sulfonic Acid, Alkalizing Agent, Anionic Surfactant, Butyl Glycol, Preservative, Chelating Agent, Fragrance, and Carrier.

**Substances contributing to the hazard:**

Chemical name	CAS	Conc.% (weight)	Note
Dodecylbenzene Sulfonic Acid	85536-14-7	4 - 6%	
Alkalizing agent	Trade secret	1 - 2%	
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 Control Center or a physician. Take this SDS.

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

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

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

**Most important symptoms and effects, both acute and delayed:** Harmful if swallowed. Causes serious eye damage. Ingestion may cause stomach ulceration or bleeding, nausea, and diarrhea.


**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 strong oxidizing materials and acids.

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**Special protective equipment for firefighters:**

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

## 6. ACCIDENTAL RELEASE MEASURES

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

Use waterproof boots, gloves, and safety goggles.

**Environmental precautions:**

May contaminate water sources and soil.

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

Absorb or cover with soil, dry sand, or other non-combustible material and place in appropriate containers.

**Recovery:**

The spilled product should no longer be used. For disposal, check federal, state, and municipal 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 equipment before entering food areas.

**Safe storage conditions, including any incompatibilities**

**Fire and explosion prevention:**

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

**Storage:**

Keep the 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 away from the weather on pallets.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Control parameters:**

Not established for the mixture.

**Engineering control measures:**

None under normal conditions of use.

**Eye/face protection:**

Wide vision chemical goggles.

**Skin protection:**

Impervious gloves, safety footwear, and regular work clothing.



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

**Thermal hazards:** No thermal hazards.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**pH:** 10.0 a 11.0

**Distillation range:** no data available.

**Physical State:** Liquid.

**Flash point:** no data available.

**Odour:** Characteristic.

**Vapor pressure:** no data available.

**Colour:** Colorless to slightly yellowish.

**Evaporation rate:** no data available.

**Density:** 0.99 – 1.01 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:** Product is stable under normal handling and storage conditions.

**Hazardous reactions:** No known hazardous reactions.

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

**Incompatible materials:** Oxidizing agents and strong acids.

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

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Acute Toxicity Estimate of the Mixture (ATE)"  
ATE (oral): >20400 mg/kg  
ATE (dérmica): > 2000 mg/kg

**Skin Corrosion/Irritation:** May cause severe skin burns.

**Serious Eye Damage/Eye Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** It is not expected that the product will cause respiratory or skin sensitization.


**Mutagenicity in Germ Cells:** It is not expected that the product will exhibit mutagenicity in germ cells.

**Carcinogenicity:** It is not expected that the product will exhibit carcinogenicity.

**Reproductive Toxicity:** It is not expected that the product will exhibit toxicity to reproduction.

**Specific Target Organ Toxicity – Single Exposure:** It is not expected that the product will exhibit toxicity to specific organs following single exposure.

**Specific Target Organ Toxicity – Repeated** It is not expected that the product will exhibit toxicity to specific organs following repeated exposure.

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#### **Exposure:**

#### **Aspiration Hazard:**

It is not expected that the product will pose a risk of aspiration.

#### **Ingestion:**

Never induce vomiting. Depending on the amount, it may cause severe irritation, abdominal cramps, and diarrhea. In these cases, symptomatic treatment is usually sufficient, and gastric emptying is not necessary.

#### **Local Effects:**

May cause severe skin burns.

### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity:**

Due to the alkaline pH, the product may present ecotoxicity.

#### **Persistence/**

#### **Degradability:**

In effluents, the product dissolves rapidly.

#### **Bioaccumulative**

#### **Potential:**

No bioaccumulative potential is expected in aquatic environments.

#### **Soil Mobility:**

Not determined

#### **Other Adverse Effects:**

The surfactants and adjuvants 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.

### **13. DISPOSAL CONSIDERATIONS**

#### **Product**

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.

#### **Waste for residues:**

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.

#### **Contaminated packaging:**

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**

#### **Terrestrial (railways, highways):**

Resolution No. 5232/2016 of the National Land Transportation Agency (ANTT).

#### **Ship (sea, rivers, lakes):**


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).

#### **Air:**

International Civil Aviation Organization - Technical Instructions (ICAO-TI).  
International Air Transport Association - Dangerous Goods Regulations (IATA-DGR).  
National Civil Aviation Agency (ANAC).

#### **Classification:**

Product not classified as dangerous for transportation according to the above regulations.

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**Hazardous Components:** 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: 25351.729673/2018-23

## 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.

Sanitizing product notified to ANVISA

Operating Authorization MS No. 3.04001-4

Technical Responsible: Chemist Alexandre A. Canfora

CRQ 04.438.605 – IV Region