 PROTELIM		Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725) <u>PROT WAX</u>	
Nº de Revisão: 05	Data da Revisão: 09/04/2024	Elaborado em: 01/10/2013	Página 1 de 6

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	PROT WAX
Application:	Automotive wax
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:	Product not classified as hazardous by the classification system used.
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:	Not applicable.
Signal word:	Not applicable.
Hazard statements:	Not applicable.
Precautionary statements:	General: P102 - Keep out of reach of children. Prevention: P234 - Keep only in original container. P262 - Avoid contact with eyes, skin, or clothing. P270 - Do not eat, drink, or smoke while using this product. P235+P410 - Keep cool. Protect from sunlight. Handling: P402 - Store in a dry place.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature:	Chemical product based on premium carnauba wax, solvent, abrasive, film forming agent, dye, fragrance, non-stick and preservative.
Substances contributing to the hazard:	None. The 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
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PROTELIM

Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725)

PROT WAX

Nº de Revisão:
05

Data da Revisão:
09/04/2024

Elaborado em:
01/10/2013

Página 2 de 6

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 INGEST. If swallowed, seek medical advice immediately. Take this SDS.

Most important symptoms and effects, both acute and delayed:

No symptoms are expected after exposure to the product.

Notes to physician:

Provide symptomatic treatment.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Use water spray, carbon dioxide, dry chemical powder, foam. Direct water jet on the product is not recommended in case of fire.

Specific hazardous during firefighting:

Direct water jet on the product is not recommended due to the risk of material spreading.

Specific extinguishing methods:

No specific hazards are known.

Special protective equipment for firefighters:

In large fires, use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:


Avoid contact with skin, eyes, clothing, and footwear.

Environmental precautions:

Collect spilled material using shovels and wash the area with plenty of water. Do not direct spilled material and wash water into any public drainage systems. Avoid the possibility of contamination of surface water or water sources. Consider subsequent treatment of contaminated water when washing. Avoid this dragging.

Methods and materials for containment and cleaning up:

Collect the spilled product and place it in appropriate containers. Wash the area with plenty of water and dispose of it in accordance with local regulations. Do not dispose of it directly into the environment or into the sewage system. Dilution water from firefighting may cause pollution.

 PROTELIM		Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725) <u>PROT WAX</u>	
Nº de Revisão: 05	Data da Revisão: 09/04/2024	Elaborado em: 01/10/2013	Página 3 de 6

Recovery: Not applicable.

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.

Incompatible Products: Strong acids and oxidizers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters:

Not established for the mixture.

Engineering control measures:

Provide sufficient ventilation to keep emissions below recommended exposure limits.

Eye/face protection:

Safety glasses.

Skin protection:

Impermeable gloves, safety footwear, and normal work clothes.

Respiratory protection:

None under normal conditions of use.

Thermal hazards:

No thermal hazards are known.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH: no data available.

Distillation range: no data available.

Physical state: paste-like solid.

Flash point: no data available.

Odour: Characteristic of essence.

Vapor pressure: no data available.

Colour: Cream.

Evaporation rate: no data available.

Density: no data available.

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.



PROTELIM

Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725)

PROT WAX

Nº de Revisão:
05

Data da Revisão:
09/04/2024

Elaborado em:
01/10/2013

Página 4 de 6

10. STABILITY AND REACTIVITY


Stability and reactivity:	Stable under normal handling and storage conditions.
Hazardous reactions:	None, except when mixed with incompatible materials.
Conditions to avoid:	Contact with incompatible materials. Proximity to flammable materials and areas with high temperatures.
Incompatible materials:	Strong acids or oxidizing agents.
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:	The product is not classified as acutely toxic via oral and dermal routes. Acute toxicity estimate of the mixture (ATE): ATE (oral): > 5000 mg/kg ATE (dermal): > 5000 mg/kg
Skin Corrosion/Irritation:	It is not expected that the product will cause skin corrosion/irritation.
Serious Eye Damage/Eye Irritation:	Not expected to cause serious eye damage/eye irritation.
Respiratory or Skin Sensitization:	Not expected to cause respiratory or skin sensitization.
Mutagenicity in Germ Cells:	Not expected to cause mutagenicity in germ cells.
Carcinogenicity:	Not expected to be carcinogenic.
Reproductive Toxicity:	Not expected to cause reproductive toxicity.
Specific Target Organ Toxicity – Single Exposure:	Not expected to cause specific target organ toxicity - single exposure.
Specific Target Organ Toxicity – Repeated Exposure:	Not expected to cause specific target organ toxicity - repeated exposure.
Aspiration Hazard:	Not expected to be an aspiration hazard.
Ingestion:	Never induce vomiting. Depending on the amount, it may cause severe irritation, abdominal cramps, and diarrhea. In such cases, symptomatic treatment is usually sufficient, and gastric emptying is not necessary.
Local Effects:	None notable.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	May impart undesirable qualities to water, impairing its use.
Persistence/Degradability:	The product is not completely degradable.
Bioaccumulative	No potential for bioaccumulation in aquatic environments is expected.

 PROTELIM		Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725) <u>PROT WAX</u>	
Nº de Revisão: 05	Data da Revisão: 09/04/2024	Elaborado em: 01/10/2013	Página 5 de 6

Potential:

Soil Mobility: The product is not expected to exhibit soil mobility.

Other Adverse Effects: No adverse effects are known with the correct use of the product.

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.

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: 25351.636193/2018-10

 PROTELIM		Ficha com Dados de Segurança - FDS (Conf. ABNT NBR 14725) <u>PROT WAX</u>	
Nº de Revisão: 05	Data da Revisão: 09/04/2024	Elaborado em: 01/10/2013	Página 6 de 6

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