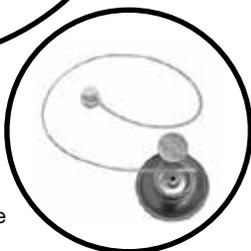




Multi-surface detergent-disinfectant: Cooling and refrigeration, air conditioning, kitchens...

→ CARLYPRO - CARLYPRO-F



Flexible extension tube
for aerosol

Cooling and refrigeration, air conditioning :

An efficient cleaning of heat exchanger is a priority for optimal efficiency of refrigerating and air conditioning installations, and helps extend equipment service life.

A periodic (permanent and preventive) disinfection makes it possible to prevent proliferation of micro-organisms (bacteria and mould) and formation of bad odours, while maintaining good air quality.

The association of detergent compounds and disinfectant compounds allows major savings of time, energy and labour, because only one product is used: **CARLYPRO**.

Cold rooms, refrigerated warehouses and commercial kitchens...:

Cleaning surfaces in indirect contact with food is permitted, in indirect contact.



Use biocides safely. Always read the label and product information before use.

■ Applications

- **CARLYPRO** is a multi-surface alkaline disinfectant and degreasing agent intended for cooling and air conditioning systems (such as heat exchangers, condensate tanks and filters), food environment surfaces (cold rooms and commercial kitchens), and aerodynamic networks (CMV...).
- **CARLYPRO-F** is a multi surface disinfectant, bactericide and fungicide

foam for cooling and refrigeration systems, air conditioning, cold rooms, professional kitchens, CMV, clean areas...

- Intended for professional use, **CARLYPRO** and **CARLYPRO-F** eliminate fats, sticky residues and dust, helping to fight against the growth of bacteria and preventing the formation of unpleasant odours.

■ Functional features

- **CARLYPRO** has the following functions **bactericide**
 - EN1040 (*Pseudomonas aeruginosa*, *Staphylococcus aureus*, 5-minute contact at 20°C).
 - EN13697 (*Staphylococcus aureus*, *Escherichia coli*, *Enterococcus hirae*, 15-minute contact at 20°C).
 - EN1276 (*Légionella Pneumophila*, 15-minute contact at 20°C).
- And **fungicide**
 - EN1275 - EN13697 (*Candida Albicans*, *Aspergillus Niger*, 15-minute contact at 20°C).

CARLYPRO efficiency reports are available on request.

- The product is compatible with steel, paint, aluminium, copper and plastic surfaces (PE, PP, PVC, PTFE, PVDF...).
- **CARLYPRO** can be used in pure form on surfaces for scouring and disinfection.

CARLYPRO-F, Aerosol has a **bactericidal** effect

- EN1276 (*Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Escherichia coli*, *Enterococcus hirae*, 5-minute contact at 20°C).

et **fongicide**

- EN1275 (*Candida Albicans*, *Aspergillus Niger*, 15-minute contact at 20°C).
- Level of VOC for the spray product (Volatil Organic Compounds): 16,20 %.
- Flammable propellant : butane propane.

■ CARLY advantages

- **CARLYPRO** is a powerful bactericide and fungicide detergent: it is thus unnecessary to use two different products (1 detergent + 1 disinfectant).
- Compliant with the legislation on the cleaning of foodstuff containers (order of 19/12/2013). For surfaces in contact with foodstuff, a rinse with drinkable water is required.
- Product non aggressive for the surface (steel, aluminium, copper, plastics...)
- Biodegradable, low content of VOC.
- Deodorising product : **CARLYPRO** mint perfume.
- Ready to use.
- Also available as a foam: **CARLYPRO-F** (aerosol)
- Available in four content forms: 500ml spray-can, 5 and 25 litre containers, 500ml aerosol.



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■ Functional features

- Perform cleaning with **CARLYCLEAN** and rinse with water, if the surfaces to be treated contain too many soils.
- Spray **CARLYPRO** or **CARLYPRO-F** on the surfaces of the elements to be treated : Evaporator fins, condensate tanks...
- Leave the product to work between 5 and 20 minutes for perfect cleaning and disinfection.
- Wipe with a clean cloth and repeat the treatment if necessary.
- For surfaces in contact with foodstuff, a rinse with drinkable water is required.

■ Legislation features

- **CARLYPRO** and **CARLYPRO-F** comply with European Regulation on biocides (98/8/EC) - TP2.
- Active substance **CARLYPRO 500 / 5000 / 25000**: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (CAS 68424-85-1) - 2.4 g / 100 g.
- Active substance **CARLYPRO-F**: N-(3-aminopropyl)-N-dodecilpropane-1, 3-diamine (CAS n°2372-82-9): 0.45% w/w ; Didecyldimethyl -ammonium chloride (CAS n°7173-51-5): 0.41% w/w.
- The product complies with EC Regulation No. 648/2004 on cleaning agents: Compliance with the biodegradability criteria (>60%, 28 days), containing less than 5% phosphates and anionic / nonionic surfactants.
- In conformity with the Ministerial Order of 19 December 2013 on cleaning materials and articles intended to come into contact with foodstuffs.
- **CARLYPRO-F** is validated for fortuitous contact with food (homologation InS n°1796681)

■ Recommendations

Precautions of use - see the Safety Data Sheet

- Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.
- Wash Hands and forearms thoroughly after handling.
- Wear eye protection, protective gloves.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Do not swallow.
- Aerosol: Pressure container.

Storage conditions

- Keep the product at temperatures between + 5°C and + 40°C.

Frequency of use

- In order to obtain an efficient heat exchange, it is recommended to disinfect the exchangers on a monthly basis.

Regulation

- For surfaces in contact with foodstuff, a rinse with drinkable water is required.

Waste treatment

- Dispose of contents/container to a licensed hazardous-waste disposal contractor.

- Used aerosols must be disposed of in accordance with the current regulations for hazardous industrial waste.

After rinsing with water, plastic packaging can be re-used, recycled or disposed of with plastic waste.

- Do not dispose into drains or the environment.

Application (CARLYPRO 500/5000/25000)

- To make the **CARLYBIO** use even easier, CARLY proposes a pump with a pressure of 5 L (refer to chapter 100).

■ Technical features

CARLY references	Volume Litre	Packaging
CARLYPRO 500	0,50	Atomiser
CARLYPRO 5000	5,00	Can
CARLYPRO 25000	25,00	Can
CARLYPRO-F	0,50	Aerosol



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■ Spare parts

CARLY references	Spare parts	Description
CARLYPRO-F	CY 10207090	Flexible extension tube for aerosol L=60cm
CARLYPRO-F	CY 10207095	25 flexible extension tubes for aerosol L=60cm
CARLYPRO 500	CY 44800200	Empty spray bottle, volume = 500 mL

■ Weights and packaging

CARLY references	Unit weight kg	Packaging unit
CARLYPRO 500	0,57	15
CARLYPRO 5000	5,10	2
CARLYPRO 25000	26,00	1
CARLYPRO-F	0,57	12