



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.

CARLYPRO is a two-in-one product. The combination of detergent compounds and disinfectant compounds saves significant time, energy and labour.

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

Cleaning and disinfection of food surfaces is allowed, in indirect contact.

■ 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 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 is Bactericidal:**
 - EN 1276 (*Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus*, *Enterococcus hirae*): 2.5% dilution in 5 minutes contact time at 20°C under dirt conditions.
 - EN 13697 (*Pseudomonas aeruginosa*, *Escherichia coli*, *Staphylococcus aureus*, *Enterococcus hirae*): 5% dilution in 5 minutes of contact time at 20°C under dirt conditions.
 - EN 13697 (*Listeria monocytogenes*, *Salmonella typhimurium*): 5% dilution, 5 minutes contact time at 20°C in dirt conditions
- **CARLYPRO is Fungicidal:**
 - EN 1650 (*Aspergillus brasiliensis*, *Candida albicans*): 5% dilution, 15 minutes contact time at 20°C in dirt conditions.
 - EN 13697 (*Aspergillus brasiliensis*, *Candida albicans*): 15 % dilution, 15 minutes contact time at 20°C in dirt conditions
- **CARLYPRO is Levuricidal:**
 - EN 1650 (*Candida albicans*): 0.5% dilution in 15 minutes of contact time or in 5 minutes of contact time with a dilution of 2.5%; at 20°C in dirt conditions.
 - EN 13697 (*Candida albicans*): 5% dilution in 5 minutes of contact time at 20°C, in dirt conditions
- **CARLYPRO is Virucidal:**
 - EN 14476 (*all viruses enveloped*; *Vaccinia Ankara*): 2.5% dilution in 5 minutes of contact time, in dirt conditions.
- **CARLYPRO-F, Aerosol has a bactericidal effect**
 - EN1276 (*Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Escherichia coli*, *Enterococcus hirae*, 5-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 bactericidal, fungicidal, levuricidal, virucidal.
- **CARLYPRO** complies with the legislation relating to products used for the cleaning of materials and objects intended to come into contact with foodstuffs (decree of 19-12-2013 amending the decree of 8 September 1999). Rinsing cleaned surfaces with potable water is mandatory.
- **CARLYPRO** is deodorant: Mint perfume.
- 4 packs available:
 - sprayer 500 ml,
 - cans 5L and 25L,
 - aerosol 500ml (CARLYPRO-F).



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■ Functional features

- Apply **CARLYPRO** on surfaces to be disinfected and/or cleaned: fins, tubes and collectors of evaporators, condensate tanks, ... or any other hard surfaces and equipment. **CARLYPRO** can be applied pure or diluted. .
- **Dilution:** For treatment **against bacteria and yeast**, apply CARLYPRO at the recommended use dilution of 5% in tap water and allow the product to dry for 5 minutes, no rinsing is necessary for surfaces that will not come into contact with food. **Against enveloped viruses**, apply the product diluted to 2.5% in water. **For fungicidal activity** apply the product diluted in tap water to 15% and leave the product for 15 min. **CARLYPRO** can also be applied undiluted.
- Repeat the operation regularly, at least once a month.
- **Application:** The product at its dilution of use can be applied by different means; sponge, cloth, by spraying with a sprayer or by immersion of the equipment or parts to be treated.
- **CARLYPRO** can be sprayed using the 5 Liter pressure pump, PUMP 5000 (refer to chapter 100 of the catalog).

■ Legislation features

- **CARLYPRO** complies with Regulation (EU) No 528/2012 on biocidal products 'BPR'.-TP2 and TP4.
- **Active substance:** contains 2.475% w/w of didecyldimethylammonium chloride CAS No: 7173-51-5.
- **Type of preparation:** SL - Soluble concentrate: homogeneous liquid formulation intended to be applied after dilution in water as a true solution of the active ingredient.
- **Use:** Professional.
- **CARLYPRO** complies with the detergent regulation 648/2004. CARLYPRO complies with the legislation relating to products used for the cleaning of materials and objects intended to come into contact with foodstuffs (decree of 19-12-2013 amending the decree of 8 September 1999).

■ Recommendations

Precautions of use - see the Safety Data Sheet

• Warning - Contains:

didecyldimethylammonium chloride
Causes skin irritation. Causes severe eye irritation. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection. IN CASE OF CONTACT WITH SKIN: wash thoroughly with water. IN CASE OF CONTACT WITH EYES: rinse carefully with water for several minutes. Remove contact lenses if the victim is wearing them and if they can be easily removed. Continue rinsing. In case of skin irritation : consult a doctor. If eye irritation persists:

consult a doctor. Remove contaminated clothing and wash it before reuse.

- **"Use biocidal products with caution. Before use, read the label and product information".**
- **Storage conditions:** 5°C to 40°C
- **Expiry date:** 24 months from the date of manufacture.
- **Waste treatment:** Dispose of the contents, the container in an approved treatment center. Avoid release to the environment.
- **Method of processing:** must be subject to special treatment in accordance with legal requirements.

Appropriate disposal operation according to the Waste Directive 2008/EC: D10, incineration on land.

- **European Waste Nomenclature:** 16 03 00 : Manufacturing misses and unused products
- **Used empty packaging:** The packaging must be disposed of as hazardous waste under the full responsibility of the holder of the waste. Packaging can be reused or recycled after rinsing with water.



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■ 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

■ 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