

Clima-Bact

Biocidal Disinfectant Cleaner for Air Conditioners - Biodegradable

Authorisation number EU-0036908-0001 1-1 according to BPR Regulation EU No. 528/2012



Description

Clima-Bact is a biocidal disinfectant cleaner developed by Errecom for the complete cleaning and sanitisation of air conditioning and refrigeration systems.

Its advanced formulation effectively removes dirt, organic residues and contaminants from A/C filters, coils and plastic or metal casings of both indoor and outdoor units, while providing broad-spectrum disinfectant action against microorganisms.

Thanks to the presence of lactic acid (a 100% biobased and fully biodegradable active ingredient), Clima-Bact ensures effective action against bacteria, yeasts and enveloped viruses, helping to improve hygiene and indoor air quality in treated environments. Its disinfectant efficacy is validated according to European EN standards (bactericidal, yeasticidal and virucidal activity). Clima-Bact is also classified as a biocide PT2 and PT4 under European regulations for the disinfection of surfaces and equipment, including in food-related environments.

Clima-Bact is particularly suitable for cleaning and disinfection of:

- civil, commercial and industrial air conditioning systems
- automotive air conditioning systems (vehicles, marine vessels and aircraft)
- cold rooms, refrigerated display cabinets and wine coolers

It cleans and disinfects, in a single operation, all plastic and metal components of split units, fan coils, convectors, and boilers.

Clima-Bact eliminates unpleasant odours caused by contaminants and impurities, leaving a pleasant mint fragrance, and ensures high safety standards thanks to its formulation free from alcohol, quaternary ammonium salts and triclosan. It is non-flammable and CLP-free.

Tested according to major European standards, it is suitable for HACCP applications.

Field of Application

HVAC/R, Automotive e Ho.Re.Ca

Features

- Combined cleaning and disinfectant action for A/C filters, coils and all plastic and metal surfaces of air conditioning systems.
- Removes dirt, organic residues and contaminants, improving system efficiency.
- Effective against bacteria, yeasts and enveloped viruses.
- Tested according to European EN standards:
- Bactericidal activity: EN 1276, EN 13697
- Yeasticidal activity: EN 1650, EN 13697
- Virucidal activity (enveloped viruses): EN 14476, EN 16777
- Eliminates unpleasant odours and restores indoor air quality.
- Also suitable for cleaning outdoor units.
- Ideal for cleaning air conditioning and refrigeration systems in civil, commercial, industrial and automotive applications.
- Classified as biocide PT2 and PT4 under European regulations for the disinfection of surfaces and equipment, including in food environments (cold rooms, refrigerated displays, etc.).
- Suitable for cleaning and disinfecting any non-porous surface.
- Leaves a pleasant mint fragrance.
- Fully biodegradable formula based on lactic acid (100% biobased ingredient).
- Free from alcohol, quaternary ammonium salts and triclosan.
- Non-flammable.
- CLP-free.
- Suitable for HACCP plans.

Instructions

A/C Filters

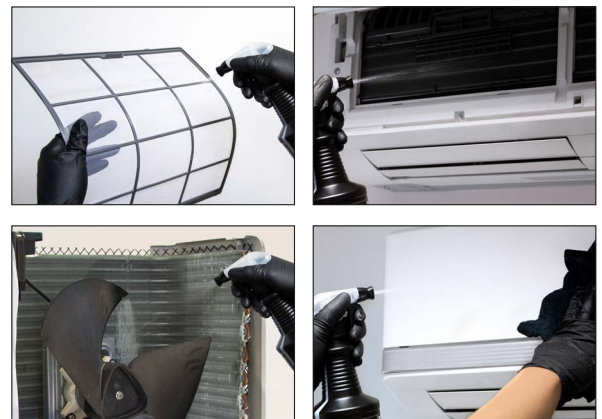
1. Remove A/C filters.
2. Dispense the product directly onto the A/C filters, maintaining a distance of at least 10-15 cm.
3. Rinse and wait for the surface to dry.

Evaporator and Condenser Coils

1. Dispense the product directly onto the evaporator and condenser coils.
2. Wait for 5 minutes.
3. Rinse with water.
4. Allow dirt to drain out through the condensate drain.

For Plastic and Metal Surfaces and Any Non-Porous Surfaces

1. Spray the product directly onto the surfaces to be cleaned.
2. Leave to act for 5 minutes.
3. Rinse and, if necessary, dry with a cloth.



Physical and Chemical Properties

Property	Value
Aspect	Clear liquid
Colour	Colourless
Odour	Characteristic (mint leaves)
Relative density	0.99 – 1.01 g/mL (+20°C/+68°F)
pH	2.1 – 2.4

Composition

- 0.75% w/w lactic acid (CAS 50-21-5)
- perfume
- co-formulants and water up to 100% w/w.

Categorisation and Labelling

The product is not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP).

Safety Instructions

Avoid contact with skin and eyes and avoid inhalation of vapours and mists.

Do not use empty containers before they have been cleaned.

Before transfer operations, ensure that containers do not contain residues of incompatible materials.

Keep out of reach of children.

First Aid Measures

- **IF INHALED:** If symptoms occur, contact a POISON CENTRE or a doctor
- **IF SWALLOWED:** If symptoms occur, contact a POISON CENTRE or a doctor
- **IF IN EYES:** If symptoms occur, rinse with water. Remove contact lenses if present and easy to do. Contact a POISON CENTRE or a doctor
- **IF ON SKIN:** Wash with water. If symptoms occur, contact a POISON CENTRE or a doctor. Indication of immediate medical attention: If medical advice is needed, have the product container or label at hand

Storage Instructions

- Store between +10°C and +35°C.
- Store in a cool, well-ventilated place.
- Protect from direct sunlight.
- Protect from frost.
- Do not release the product or its packaging into the environment. Do not discharge into drains. Recycle where possible; otherwise dispose of via an authorised company in accordance with local or national regulations.
- Empty containers before disposal. Do not reuse empty containers. Dispose of empty containers through recycling or authorised waste management in accordance with local and national regulations.




Transport Conditions

This product is not regulated for transport according to ADR/RID, IMDG, ICAO/IATA.

Shelf life

2 years from the date of production.

Packaging

Art.-Nr.	Description	€			
AB1286.K.S1	1 L Spray Bottle	-	06	576	576
AB1286.P.01	5 L Tank	-	02	120	120
AB1286.D.01	10 L Tank	-	01	-	-

Hazard Statements

Hazard Statements: None.

Precautionary statements: None.

REV. 25.03.2026