

Summary of product characteristics for a biocidal product

Product name: Ekomille CO2

Product type(s): PT14 - Rodenticides (Pest control)

Authorisation number: IT/2022/00792/AUT

R4BP 3 asset reference number: EU-0027206-0000

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Administrative information

1.1. Trade names of the product

Ekomille CO2

1.2. Authorisation holder

Name and address of the authorisation holder	Name	APICE SRL
	Address	VIA VENEZIA 16 66041 ATESSA (CH) Italy
Authorisation number	IT/2022/00792/AUT	
R4BP 3 asset reference number	EU-0027206-0000	
Date of the authorisation	18/05/2022	
Expiry date of the authorisation	18/05/2032	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	APICE SRL
Address of the manufacturer	via Venezia - Z.I. Saletti 66041 Atessa (CH) Italy
Location of manufacturing sites	via Venezia - Z.I. Saletti 66041 Atessa (CH) Italy

1.4. Manufacturer(s) of the active substance(s)

Active substance	13 - Carbon dioxide
Name of the manufacturer	DIPTERATECH SAS
Address of the manufacturer	69 Avenue de Grasse 06800 Cagnes Sur Mer France
Location of manufacturing sites	69 Avenue de Grasse 06800 Cagnes Sur Mer France

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Carbon dioxide		Active Substance	124-38-9	204-696-9	100

2.2. Type of formulation

GA - Gas

3. Hazard and precautionary statements

Hazard statements	Contains gas under pressure; may explode if heated
Precautionary statements	Protect from sunlight.Store in a well-ventilated place.

4. Authorised use(s)

4.1 Use description

Use 1 - Rodenticide

Product type	PT14 - Rodenticides (Pest control)
Where relevant, an exact description of the authorised use	Pressurised canister associated with a trapping device used as an accompanying method against house rats (<i>Rattus rattus</i>)
Target organism(s) (including development stage)	Scientific name: <i>Rattus rattus</i> Common name: House rat Development stage: Adults Scientific name: <i>Rattus rattus</i> Common name: House rat Development stage: Juveniles
Field(s) of use	Indoor Outdoor Inside and outside buildings, in outdoor areas and dumps
Application method(s)	Method: Bait application Detailed description: Pressurised canister functioning together with a trapping device Rodents are attracted by food and enter inside the device where they are caught and fall into a compartment partially filled with a liquid. At the same time, carbon dioxide is released into the compartment by the canister. Rodents will lose consciousness by inhaling carbon dioxide.
Application rate(s) and frequencies	Application Rate: 1 canister for 10 caught units Dilution (%): - Number and timing of application: 1 canister for 10 caught units Time of action: less than 60 seconds
Category(ies) of users	Trained professional

Pack sizes and packaging material

350 g (diameter 70 mm, height 213 mm)

Carbon steel

4.1.1 Use-specific instructions for use

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4.1.2 Use-specific risk mitigation measures

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4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

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5. General directions for use

5.1. Instructions for use

When setting up the device, fill the lower compartment with 18 L of liquid (e.g., Ekofix100 dilution, water). The device must not be used without liquid. Only liquids that have no toxic effect on the rodents and that allow the rodent to swim (comparable uplift like water) are allowed to be used within the device. It must be ensured that there is always a sufficient amount of liquid in the trap (liquid must not freeze and evaporated amounts must be replenished). The traps should be filled with bait. Pre-bait the device without activating the catch mechanism. If the bait is not accepted, choose a more suitable bait. The traps should be visited at regular intervals in order to check the bait in the trap and refill it if needed. The specific characteristics of the canister do not require additional control equipment such as: pressure gauge, pressure reducer, indicator valve, solenoid valve. The system does not require adjustment. The timer inserted in the electronic circuit has already been set for a delivery time of 5 seconds. This allows sufficient quantities of CO2 able to reach a concentration higher than 60% and suppress the trapped pest, in combination with the liquid in the lower compartment, in less than a minute. Once the rodent has been caught, the machine automatically sets in stand-by, ready for a new catch. The device is equipped with an electronic counting system that only allows 10 catches so that after the tenth catch, the device goes into stand-by and no other captures are possible until reset by the user. Only CO2 canisters supplied by the device manufacturer should be used.

5.2. Risk mitigation measures

Ekomille CO2 should be handled by trained professionals only.

It is recommended to wear gloves when cleaning the unit and handling rodent bodies.

The gas canisters must be handled with caution, avoiding any violent impact between them or other surfaces, breaks or other mechanical stresses that could compromise their integrity and resistance.

In case of use in public areas, the performance of the ongoing rodenticide intervention should be clearly signaled providing information on the risks of any interference with the device.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

In case of accidental exposure to CO₂, accompanied by the manifestation of any symptoms, seek medical attention.

First aid measures.

- If inhaled: remove the person from the contaminated area and breathe fresh air. In case of persistent problems: give oxygen or proceed with artificial respiration if necessary. Call a doctor.

- In contact with the skin: in case of injuries caused by low temperatures, follow these instructions: Remove clothing around the affected area. Do not rub burned skin or break blisters. Immerse the burned parts of the body in lukewarm water (40 ° C). In case of burns to the toes and/or hands, if possible, keep them separated with gauze strips or clean cloths.

- In contact with the eyes: Immediately flush eyes with water for at least 15 minutes. Get medical attention immediately.

In case of accidental release of CO₂:

Wear suitable protective equipment.

Evacuate the affected area.

Provide adequate ventilation.

Use self-contained breathing apparatus to enter the area affected by the release.

Try to stop any spill.

Avoid spreading into sewers, basements, excavations and areas where accumulation can be dangerous.

5.4. Instructions for safe disposal of the product and its packaging

Do not unload the CO₂ canister where accumulation can be dangerous, but in the atmosphere and in a well-ventilated area.

Gas canisters are not refillable containers.

Dispose of the cylinder in accordance with the regulations in force.

Contact the supplier in case instructions for the disposal are considered necessary.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Protect from sun rays.

Store in a well-ventilated area.

Protect the container from any impact.

Shelf-life: 2 years.

6. Other information

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