

Summary of product characteristics for a biocidal product

Product name: Peracetique 5% Hydra

Product type(s): PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

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PT03 - Veterinary hygiene (Disinfectants)

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PT03 - Veterinary hygiene (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT05 - Drinking water (Disinfectants)

Authorisation number: CZ-0027425-0000

R4BP 3 asset reference number: CZ-0027425-0003

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Administrative information

1.1. Trade names of the product

DETERQUAT OPTIMOX
DETERQUAT CIP OXY 5
HYDREX 4203
OXYPRO AP5
GRIFF'ACTIV
VITGRIFFE
PIRAQUA
PIRANOX
PERVIT ELEVAGE
PERVIT IAA
LACTANOX
PERVIT MILK
OXYDRA
VITA PEROX
HYDREX 7110

1.2. Authorisation holder

**Name and address of the
authorisation holder**

Name	Hydrachim
Address	ZA du piquet 35370 Etrelles France

Authorisation number

CZ-0027425-0000 1-3

**R4BP 3 asset reference
number**

CZ-0027425-0003

Date of the authorisation

01/11/2021

Expiry date of the
authorisation

10/08/2030

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

QUARON SAS

Address of the manufacturer

3 Rue de la Buhotière 35091 Rennes France

Location of manufacturing sites

3 Rue de la Buhotière 35091 Rennes France

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

Active substance

1340 - Peracetic acid

Name of the manufacturer

QUARON SAS

Address of the manufacturer

3 Rue de la Buhotière 35091 Rennes France

Location of manufacturing sites

3 Rue de la Buhotière 35091 Rennes 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 (%)
Peracetic acid		Active Substance	79-21-0	201-186-8	5,3
Hydrogen peroxide		Non-active substance	7722-84-1	231-765-0	25,5
Acetic acid		Non-active substance	64-19-7	200-580-7	8,2
Sulphuric acid		Non-active substance	7664-93-9		0,96

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements

May be corrosive to metals.
Harmful if swallowed.Harmful if inhaled.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Keep only in original packaging.
Avoid release to the environment.
Wear protective gloves.
Wear protective clothing.
Wear eye protection.
Wear face protection.
IF SWALLOWED:Rinse mouth.Do NOT induce vomiting.
IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with water.
IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing.
Do not breathe dust.
Do not breathe fume.
Do not breathe gas.
Do not breathe mist.
Do not breathe vapours.
Do not breathe spray.
IF INHALED:Remove person to fresh air and keep comfortable for breathing.

4. Authorised use(s)

4.1 Use description

Use 1 - Surfaces disinfection by manual spraying in private, public, and industrial areas and in other areas for professional activities

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Algae Development stage: Scientific name: Common name: Biofilms Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Mycobacteria Development stage:
Field(s) of use	Indoor Outdoor Indoors and outdoors disinfection of open surfaces, materials or equipments, walls or floors by manual spraying in private, public, and industrial areas and in other areas for professional activities.
Application method(s)	Method: Spraying Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system and then applied manually by spraying on surfaces. The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: The application dose is 20 ml/m ² . Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.

Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

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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4.2 Use description

Use 2 - Disinfection of closed circulation circuits by cleaning-in-place in sewage treatment plant

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	-
	Scientific name:

Target organism(s) (including development stage)

Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

Scientific name:
Common name: Mycobacteria
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Scientific name:
Common name: Algae
Development stage:

Scientific name:
Common name: Biofilms
Development stage:

Field(s) of use

Outdoor

Outdoors disinfection of closed circulation circuits by cleaning-in-place in sewage treatment plant.

Application method(s)

Method: Open system

Detailed description:

The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system.

The product is then applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place.

The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product can be applied on dirty surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.

Application rate(s) and frequencies

Application Rate: -

Dilution (%): 0.1 to 3 (v/v)

Number and timing of application:

The product is used once a day, 20 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

5-10-20-200-1000L HDPE

4.2.1 Use-specific instructions for use

4.2.2 Use-specific risk mitigation measures

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4.2.3 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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4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.3 Use description

Use 3 - Disinfection of closed circulation circuits for cleaning in place in private and public pharmaceutical and cosmetic industries and institutions

Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name:
Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

Scientific name:
Common name: Mycobacteria
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Scientific name:
Common name: Spores
Development stage:

Scientific name:
Common name: Biofilms
Development stage:

Field(s) of use	Indoor Outdoor Indoors and outdoors disinfection of closed circulation circuits for cleaning in place pharmaceutical and cosmetic industries and institutions.
Application method(s)	Method: Closed system Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place. The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: The application dose is 20 ml/m ² . Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.3.1 Use-specific instructions for use

4.3.2 Use-specific risk mitigation measures

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

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

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

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4.4 Use description

Use 4 - Surfaces disinfection by manual dipping

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Mycobacteria Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Biofilms Development stage:
Field(s) of use	Indoor Outdoor Outdoors and indoors disinfection of surfaces by manual dipping in sewage treatment plant and in waste processing industries.
Application method(s)	Method: Open system: dip treatment Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The diluted product is applied manually by dipping in containers during the time of treatment. The diluted product can be applied on dirty surfaces at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The treated surfaces are then rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.

Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.4.1 Use-specific instructions for use

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4.4.2 Use-specific risk mitigation measures

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4.4.3 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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4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.5 Use description

Use 5 - Disinfection of waste water and leachates in private and public sewage treatment plant

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	-
	Scientific name:

Target organism(s) (including development stage)	<p>Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Fungi/yeasts Development stage:</p> <p>Scientific name: Common name: Mycobacteria Development stage:</p> <p>Scientific name: Common name: Viruses Development stage:</p>
Field(s) of use	<p>Outdoor</p> <p>Outdoors disinfection of waste water and leachates in private and public sewage treatment plant.</p>
Application method(s)	<p>Method: Open system Detailed description: The concentrate solution is continuously added in used waters so as to reach a concentration of 0.2% (v/v), via a proportional automatic dosage system or a venturi system. The product is applied at ambient temperature with a contact time with surfaces of 30 minutes. The product is continuously applied in dirty conditions.</p>
Application rate(s) and frequencies	<p>Application Rate: The application is continuous during the time of treatment. Dilution (%): 0.2 (v/v) Number and timing of application: The product is used daily.</p>
Category(ies) of users	<p>Trained professional</p>
Pack sizes and packaging material	<p>0.25-1-5-10-20-200-1000L HDPE</p>

4.5.1 Use-specific instructions for use

4.5.2 Use-specific risk mitigation measures

4.5.3 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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4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.6 Use description

Use 6 - Disinfection of wasted water, leachates and liquid laboratory waste in closed systems in medical biology laboratories

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Mycobacteria Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor Indoors disinfection of wasted water, leachates and liquid laboratory waste in closed systems in medical biology laboratories.
Application method(s)	Method: Closed system Detailed description: The concentrate solution is continuously added in waste waters so as to reach a concentration of 1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product is applied in dirty conditions. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: The application is continuous during the time of treatment. Dilution (%): 1 to 3 (v/v)

	Number and timing of application: The product is used daily.
Category(ies) of users	Trained professional
Pack sizes and packaging material	5-10-20-200-1000L HDPE

4.6.1 Use-specific instructions for use

4.6.2 Use-specific risk mitigation measures

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

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

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

4.7 Use description

Use 7 - Laundry disinfection in professional laundry and washing machine

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
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Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name:
Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

Scientific name:
Common name: Mycobacteria
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Scientific name:
Common name: Spores
Development stage:

Field(s) of use

Indoor

Indoors laundry disinfection in closed circulation circuits in professional laundry and washing machine of agri-food industries.

Application method(s)

Method: Closed system
Detailed description:
The concentrate solution is continuously diluted in tap water to a final PAA concentration of 1200 ppm, via a proportional automatic dosage system with a membrane pump integrated into the washing machine. The diluted product is then applied automatically and continuously to water during cleaning cycle.
The diluted product is directly applied at a temperature of 45°C to the tap water in order to obtain a washing solution. The contact time with surfaces is 15 minutes.
The product is applied on clean surfaces. The treated surfaces are then rinsed with tap water after the indicated contact time.

Application rate(s) and frequencies

Application Rate: The applied dose of concentrate is 450 ml/kg of laundry.
Dilution (%):
Number and timing of application:
The product is used daily, 220 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.7.1 Use-specific instructions for use

4.7.2 Use-specific risk mitigation measures

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4.7.3 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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4.7.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.8 Use description

Use 8 - Surface disinfection of milking parlour systems by manual spraying

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Mycobacteria Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor Indoors surface disinfection of milking parlour systems by manual spraying.

Application method(s)	Method: Spraying Detailed description: The concentrate solution is diluted in tap water from 0.1% to 0.5% (v/v), via a proportional automatic dosage system or a venturi system. The milking parlour systems are sprayed with the diluted product at ambient temperature with a contact time with surfaces of 1 to 2 minutes. The product can be applied on dirty surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: The application dose is 20 ml/m ² . Dilution (%): 0.1 to 0.5 (v/v) Number and timing of application: The product is used once a day, 365 days per year, for about 2 hours a day.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.8.1 Use-specific instructions for use

4.8.2 Use-specific risk mitigation measures

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

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

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

4.9 Use description

Use 9 - Surface disinfection by manual dipping in fish farming industry

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Algae Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Spores Development stage:
Field(s) of use	Indoor Outdoor Outdoors and indoors disinfection of surfaces by manual dipping in fish farming industry.
Application method(s)	Method: Open system: dip treatment Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The diluted product is applied automatically and continuously to containers during the time of treatment. The diluted product is applied at 10°C with a contact time with surfaces of 15 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 200 days per year.
Category(ies) of users	Trained professional
Pack sizes and packaging material	5-10-20-200-1000L HDPE

4.9.1 Use-specific instructions for use

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4.9.2 Use-specific risk mitigation measures

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4.9.3 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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4.9.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.10 Use description

Use 10 - Disinfection of closed circulation circuits by cleaning-in-place in fish farming industry

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Algae Development stage: Scientific name: Common name: Spores Development stage:

Field(s) of use	Indoor Outdoor Outdoors and indoors disinfection of surfaces in closed circulation circuits by cleaning-in-place in fish farming industry.
Application method(s)	Method: Closed system Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The diluted product is applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place. The diluted product is applied at a temperature of 10°C with a contact time with surfaces of 15 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 200 days per year.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.10.1 Use-specific instructions for use

4.10.2 Use-specific risk mitigation measures

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

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

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

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4.11 Use description

Use 11 - Surfaces disinfection by manual dipping in livestock housing

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Spores Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Biofilms Development stage:
Field(s) of use	Indoor Indoors disinfection of surfaces by manual dipping in livestock housing.
Application method(s)	Method: Open system: dip treatment Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system and then applied by manual dipping of surfaces. The diluted product is applied at a temperature of 10°C with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.11.1 Use-specific instructions for use

4.11.2 Use-specific risk mitigation measures

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

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

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

4.12 Use description

Use 12 - Surfaces disinfection by manual spraying in livestock housing

Product type

PT03 - Veterinary hygiene (Disinfectants)

Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name:
Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

<p>Scientific name: Common name: Spores Development stage:</p> <p>Scientific name: Common name: Viruses Development stage:</p> <p>Scientific name: Common name: Biofilms Development stage:</p>

Field(s) of use

<p>Indoor</p> <p>Indoors disinfection of surfaces by manual spraying in livestock housing.</p>
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Application method(s)

<p>Method: Spraying Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system and then applied manually by spraying on surfaces. The diluted product is applied at a temperature of 10°C with a contact time with surfaces of 15 to 30 minutes. The product should be applied on clean surfaces.</p>

Application rate(s) and frequencies

<p>Application Rate: The application dose of diluted product is 20 ml/m². Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.</p>
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Category(ies) of users

<p>Trained professional</p>

Pack sizes and packaging material

<p>0.25-1-5-10-20-200-1000L HDPE</p>

4.12.1 Use-specific instructions for use

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4.12.2 Use-specific risk mitigation measures

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4.12.3 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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4.12.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.13 Use description

Use 13 - Disinfection of closed circulation circuits (drinking water and feed) by cleaning-in-place in livestock housing

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Fungi/yeasts Development stage:</p> <p>Scientific name: Common name: Spores Development stage:</p> <p>Scientific name: Common name: Viruses Development stage:</p> <p>Scientific name: Common name: Biofilms Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Indoors surface disinfection in closed circulation circuits by cleaning-in-place in livestock housing.</p>
Application method(s)	<p>Method: Closed system Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The diluted product is then applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place. The diluted product is applied at ambient temperature with a contact time with surfaces of 15 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.</p>

Application rate(s) and frequencies

Application Rate: -
Dilution (%): 0.1 to 3 (v/v)
Number and timing of application:
The product is used once a day, 220 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.13.1 Use-specific instructions for use

4.13.2 Use-specific risk mitigation measures

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

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

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

4.14 Use description

Use 14 - Surfaces disinfection by manual spraying in agri-food industry

Product type

PT04 - Food and feed area (Disinfectants)

Where relevant, an exact description of the authorised use

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Target organism(s) (including development stage)

Scientific name:
Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

Scientific name:
Common name: Spores
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Scientific name:
Common name: Biofilms
Development stage:

Field(s) of use

Indoor

Indoors disinfection surfaces by manual spraying in agri-food industry.

Application method(s)

Method: Spraying
Detailed description:
The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied by manual spraying on surfaces.
The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.

Application rate(s) and frequencies

Application Rate: The application dose is 20 ml/m².
Dilution (%): 0.1 to 3 (v/v)
Number and timing of application:
The product is used once a day, 220 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.14.1 Use-specific instructions for use

4.14.2 Use-specific risk mitigation measures

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

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

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

4.15 Use description

Use 15 - Disinfection of closed circulation circuits by cleaning-in-place in agri-food industry

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Spores Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Biofilms Development stage:
Field(s) of use	Indoor Indoors surfaces disinfection in closed circulation circuits by cleaning-in-place in agri-food industry.
Application method(s)	Method: Closed system Detailed description:

	<p>The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The diluted product is then applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place. The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.</p>
Application rate(s) and frequencies	<p>Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.</p>
Category(ies) of users	<p>Trained professional</p>
Pack sizes and packaging material	<p>0.25-1-5-10-20-200-1000L HDPE</p>

4.15.1 Use-specific instructions for use

4.15.2 Use-specific risk mitigation measures

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

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

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

4.16 Use description

Use 16 - Surfaces disinfection by manual dipping in agri-food industry

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Spores Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Biofilms Development stage:
Field(s) of use	Indoor Indoors disinfection of surfaces in contact with food and water for animals by manual dipping in agri-food industry.
Application method(s)	Method: Open system: dip treatment Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied by manual dipping in containers. The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.16.1 Use-specific instructions for use

4.16.1 Use-specific instructions for use

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4.16.2 Use-specific risk mitigation measures

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4.16.3 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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4.16.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

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

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4.17 Use description

Use 17 - Disinfection by automated spraying in closed professional washing machines in agri food industry and institutions, and institutional kitchens

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Fungi/yeasts Development stage: Scientific name: Common name: Spores Development stage: Scientific name: Common name: Viruses Development stage:

	Scientific name: Common name: Biofilms Development stage:
Field(s) of use	Indoor Indoors disinfection of materials and small equipments in closed professional washing machines in agri-food industry and institutions, and institutional kitchens.
Application method(s)	Method: Closed system Detailed description: The concentrate solution is diluted in tap water from 0.1% to 3% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied automatically and continuously during the time of treatment in closed professional washing machines. The diluted product is applied at ambient temperature with a contact time with surfaces of 1 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequencies	Application Rate: The application is continuous during the time of treatment. Dilution (%): 0.1 to 3 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.17.1 Use-specific instructions for use

4.17.2 Use-specific risk mitigation measures

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

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

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

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4.18 Use description

Use 18 - Drinking water disinfection for animals in farms

Product type	PT05 - Drinking water (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor Outdoor Outdoors and indoors disinfection of drinking water for animals in farms.
Application method(s)	Method: Open system Detailed description: The concentrate solution is continuously diluted in drinking water at ambient temperature via a proportional automatic dosage system in order to obtain a final PAA content of 25 ppm, and stored in an intermediate tank during 60 minutes. The treated water is then distributed to the animals.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 0.05 (v/v) Number and timing of application: The product is used daily and continuously.
Category(ies) of users	Trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.18.1 Use-specific instructions for use

4.18.2 Use-specific risk mitigation measures

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

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

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

5. General directions for use

5.1. Instructions for use

Please refer to the authorised uses.

5.2. Risk mitigation measures

- 1) For Automatic pumping/mixing and loading applications for PT2, 3, 4 and 5: gloves, a protective coat, a face shield and a Full mask (P2 type) is required.
- 2) For manual spraying for PT 2 applications in industries: gloves, a protective coat and a half mask (P2 type) are required.
- 3) For manual spraying for PT 2 applications in institutions: gloves, a protective coat and a half mask (P3 type) are required.
- 4) For manual spraying for PT 3 applications in animal houses, as well as for manual dipping in aquaculture plants: gloves, a protective coat and a half mask (P1 type) are required.
- 5) For manual spraying for PT 3 applications for disinfection of milking parlour system in farms, for manual spraying for PT 4 applications, as well as for manual dipping for PT 2, for PT 3 used in animal houses and for PT 4 applications: gloves, a protective coat are required. But no RPE is necessary.
- 6) For manual rinsing and manual draining for PT 2, 3 and 4 applications: no personal protective equipment (PPE) and RPE is required.
- 8) In order to protect the environment, a thiosulfate neutralization can be performed in order to decompose peracetic acid and hydrogen peroxide that could potentially persist after treatment. For this neutralization, sodium thiosulfate as a powder (technical $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$, purity > 98.5%) can be directly added in the water. This neutralization could be required when the product is used for the disinfection of aquaculture systems, or for the disinfection of waste and waste treatment systems (Uses 2, 3, 4, 5, 6, 9 and 10).

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

Likely direct or indirect effects:

- May be corrosive to metals.
- Harmful if swallowed or inhaled.
- Causes severe skin burns and eye damage.
- May cause respiratory irritation
- Very toxic to aquatic life with long lasting effects.

First aid instructions:

- IF SWALLOWED : Rinse mouth. DO NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Emergency measures to protect the environment:

- Avoid release to the environment.
- Keep only in original container.

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

- Avoid release to the environment.
- Keep only in original container.

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

Store at ambient temperature.

Shelf-life under normal conditions of storage: 2 years.

6. Other information

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