

Summary of product characteristics for a biocidal product

Product name: Product 6-1 - Hygiène et Nature

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

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PT04 - Food and feed area (Disinfectants)

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Authorisation number: FR-2023-0078

R4BP 3 asset reference number: FR-0021554-0038

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Administrative information

1.1. Trade names of the product

Product 6-1 - Hygiène et Nature

1.2. Authorisation holder

Name and address of the authorisation holder

Name	HYGIENE ET NATURE
Address	12 Boulevard Eiffel 21600 Longvic France
Authorisation number	FR-2023-0078 1-6

R4BP 3 asset reference number

FR-0021554-0038

Date of the authorisation

19/12/2023

Expiry date of the authorisation

18/12/2033

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer

HYGIENE ET NATURE

Address of the manufacturer

12 BOULEVARD EIFFEL 21603 LONGVIC Cedex France

Location of manufacturing sites

12 BOULEVARD EIFFEL 21603 LONGVIC Cedex France

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

Active substance	1322 - L-(+)-lactic acid
Name of the manufacturer	Corbion Purac Bioquimica sa
Address of the manufacturer	Gran Vial 19-25 08160 MONTMELÓ Spain
Location of manufacturing sites	Gran Vial 19-25 08160 MONTMELÓ Spain
	Arkelsedijk 46 NL-4200 GORINCHEM Netherlands

Active substance	1322 - L-(+)-lactic acid
Name of the manufacturer	Jungbunzlauer S.A
Address of the manufacturer	ZI Portuaire - BP 32 F-67390 Marcklosheim France
Location of manufacturing sites	Jungbunzlauer S.A - ZI Portuaire - BP 32 F-67390 Marcklosheim 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 (%)
L-(+)-lactic acid		Active Substance	79-33-4	201-196-2	25,13
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one	Non-active substance	55965-84-9	611-341-5	0

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements

May be corrosive to metals.
 Causes severe skin burns and eye damage.
 Corrosive to the respiratory tract.

Precautionary statements

Keep only in original packaging.
 Do not breathe spray.
 Wash hands thoroughly after handling.
 Wear protective gloves/ protective clothing/ eye protection.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with .
 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.
 Immediately call a POISON CENTER or doctor/physician.
 Specific treatment (see on this label).
 Wash contaminated clothing before reuse.
 Absorb spillage to prevent material damage.
 Store in a corrosive resistant/... container with a resistant inner liner.

4. Authorised use(s)**4.1 Use description****Use 1 - Disinfection of hard surfaces and equipment by manual liquid spraying – Professionals - PT2 – Soluble concentrate (Use 1)****Product type**

PT02 - Disinfectants and algacides 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: Yeasts
 Development stage:

Field(s) of use	<p>Indoor</p> <p>Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals)</p>
Application method(s)	<p>Method: Spraying</p> <p>Detailed description: Manual surface spraying</p>
Application rate(s) and frequencies	<p>Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> - Bacteria and yeasts: 9% v/v, 30 minutes. <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	<p>Professional</p>
Pack sizes and packaging material	<p>20mL PE+PET Pods</p> <p>100mL to 2L HDPE/PET Bottle</p> <p>1L LDPE Dosing bottle</p> <p>1L HDPE Dosing bottle</p> <p>1 to 5 L HDPE Pouch</p> <p>5-10-20L LDPE/PET Bag in box (cubitainer)</p> <p>5 to 30L HDPE Jerrican</p> <p>60-220L HDPE Drum</p> <p>1000L HDPE Bulk container (IBC)</p>

4.1.1 Use-specific instructions for use

- For healthcare settings: clean carefully the surfaces before application of the product.

4.1.2 Use-specific risk mitigation measures

- For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

For professional bystander:

- Do not be present in the treatment area during disinfection process by compression/knapsack sprayer. If it is necessary to be present, wear same PPE as the professional user.
- Do not touch the surface until it is completely dried.

For General public:

- Do not be present in the treatment area during disinfection process by compression sprayer.
- Do not touch the surface until it is rinsed and completely dried.
- Children should not be present during disinfection and until the surface is rinsed and dried.

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

-

4.2 Use description

Use 2 - Disinfection of hard surfaces by manual spraying using mural cleaning station (liquid/foam spraying) – Professionals - PT2 – Soluble concentrate (Use 2)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals)
Application method(s)	Method: Spraying Detailed description: Manual spraying with a mural cleaning station (liquid/foam spraying) with automated dilution.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	Professional
Pack sizes and packaging material	5 to 30L HDPE Jerrican 60-220L HDPE Drum 1000L HDPE Bulk container (IBC)



4.2.1 Use-specific instructions for use

- For healthcare settings: clean carefully the surfaces before application of the product.

4.2.2 Use-specific risk mitigation measures

- For professional user: wear gloves, protective overall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.
- For professional bystander:
- Do not be present in the treatment area during disinfection process by spraying. If it is necessary to be present, wear same PPE as the professional user.
 - Do not touch the surface until it is completely dried.
- General public:
- Do not be present in the treatment area during disinfection process by spraying.
 - Do not touch the surface until it is rinsed and completely dried.
 - Children should not be present during disinfection and until the surface is rinsed and dried.

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

-

4.3 Use description

Use 3 - Disinfection of hard surfaces of equipment by manual dipping/soaking– Professionals - PT2 – Soluble concentrate (Use3)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals)
Application method(s)	Method: Dipping/Soaking Detailed description: Manual dipping/soaking.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.

Category(ies) of users

Pack sizes and packaging material

Professional

20mL PE+PET Pods

100mL to 2L HDPE/PET Bottle

1L LDPE Dosing bottle

1L HDPE Dosing bottle

1 to 5 L HDPE Pouch

5-10-20L LDPE/PET Bag in box (cubitainer)

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

4.3.1 Use-specific instructions for use

- For healthcare settings: clean carefully the surfaces before application of the product.

4.3.2 Use-specific risk mitigation measures

- For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

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

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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 - Disinfection of hard surfaces by wiping / mopping / brushing / scrubbing – Professionals - PT2 – Soluble concentrate (Use 4)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals)
Application method(s)	Method: Wiping/mopping/brushing/scrubbing without mechanical action Detailed description: -
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.

Category(ies) of users

Pack sizes and packaging material

Professional

20 mL HDPE Cartridge to be used with trigger spray 0.5, 0.75, 1L and 1L bottle

20mL PE+PET Pods

100mL to 2L HDPE/PET Bottle

1L LDPE Dosing bottle

1L HDPE Dosing bottle

1 to 5 L HDPE Pouch

5-10-20L LDPE/PET Bag in box (cubitainer)

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

4.4.1 Use-specific instructions for use

- For healthcare settings: clean carefully the surfaces before application of the product.

4.4.2 Use-specific risk mitigation measures

- For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

For professional bystander :

- Do not touch the surface until it is completely dried.

For general public:

- Do not touch the surface until it is rinsed and completely dried.
- Children should not be present during disinfection and until the surface is rinsed and dried.

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 inner surfaces by CIP – Professionals - PT2 – Soluble concentrate (Use 7)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in industries (including cosmetic and pharmaceutical industries).
Application method(s)	Method: Cleaning-in-place Detailed description: -

Application rate(s) and frequencies

Application Rate: -
Dilution (%): 5% v/v - 9% v/v
Number and timing of application:
At a temperature of 20°C:

- Bacteria and yeasts: 9% v/v, 30 minutes.

At a temperature of 40°C:

- Bacteria and yeasts: 5% v/v, 15 minutes.

Category(ies) of users

Professional

Pack sizes and packaging material

20mL PE+PET Pods
100mL to 2L HDPE/PET Bottle
1L LDPE Dosing bottle
1L HDPE Dosing bottle
1 to 5 L HDPE Pouch
5-10-20L LDPE/PET Bag in box (cubitainer)
5 to 30L HDPE Jerrican
60-220L HDPE Drum
1000L HDPE Bulk container (IBC)

4.5.1 Use-specific instructions for use

-

4.5.2 Use-specific risk mitigation measures

For professional user:

- Wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading and maintenance of the circuit system.
- Wear gloves, protective coverall, chemical goggles and a respiratory protective equipment (material to be specified by the authorisation holder within the product information) during maintenance of the dosing pumps.

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 hard surfaces and equipment by manual liquid spraying – Professionals - PT4 – Soluble concentrate (Use 9)

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: Yeasts
Development stage:

Field(s) of use

Indoor

Indoors disinfection in agri-food industries (excluding milk industries), food and feed areas (collective central kitchens, food shops and restaurants).

Application method(s)

Method: Spraying
Detailed description:
Manual surface spraying

Application rate(s) and frequencies

Application Rate: -
Dilution (%):
Number and timing of application:
At a temperature of 20°C:

- Bacteria and yeasts: 9% v/v, 30 minutes.

At a temperature of 40°C:

- Bacteria and yeasts: 5% v/v, 15 minutes.

Category(ies) of users

Professional

Pack sizes and packaging material

20mL PE+PET Pods
100mL to 2L HDPE/PET Bottle
1L LDPE Dosing bottle
1L HDPE Dosing bottle
1 to 5 L HDPE Pouch
5-10-20L LDPE/PET Bag in box (cubitainer)
5 to 30L HDPE Jerrican
60-220L HDPE Drum
1000L HDPE Bulk container (IBC)

4.6.1 Use-specific instructions for use

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4.6.2 Use-specific risk mitigation measures

- For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

For professional bystander:

- Do not be present in the treatment area during disinfection process by compression/knapsack sprayer. If it is necessary to be present, wear same PPE as the professional user.”

- Do not touch the surface until it is completely dried.

General public:

- Do not be present in the treatment area during disinfection process by spraying.

- Do not touch the surface until it is rinsed and completely dried.

- Children should not be present during disinfection and until the surface is rinsed and dried.

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

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

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

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4.7 Use description

Use 7 - Disinfection of hard surfaces by manual spraying using mural cleaning station (liquid/foam spraying) – Professionals - PT4 – Soluble concentrate (Use 10)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in agri-food industries (excluding milk industries), food and feed areas (collective central kitchens, food shops and restaurants).
Application method(s)	Method: Spraying Detailed description: Manual spraying with a mural cleaning station (liquid/foam spraying) with automated dilution.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	Professional
Pack sizes and packaging material	5 to 30L HDPE Jerrican 60-220L HDPE Drum 1000L HDPE Bulk container (IBC)

4.7.1 Use-specific instructions for use

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4.7.2 Use-specific risk mitigation measures

For professional user :wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

For professional bystander:

-Do not be present in the treatment area during disinfection process by spraying. If it is necessary to be present, wear same PPE as the professional user.”

-Do not touch the surface until it is completely dried

General public:

-Do not be present in the treatment area during disinfection process by spraying.

-Do not touch the surface until it is rinsed and completely dried;

-Children should not be present during disinfection and until the surface is rinsed and dried

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 - Disinfection of hard surfaces and equipment by manual dipping/soaking– Professionals - PT4 – Soluble concentrate (Use11)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in agri-food industries (excluding milk industries), food and feed areas (collective central kitchens, food shops and restaurants).
Application method(s)	Method: Dipping/soaking Detailed description: Manual dipping/soaking.
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	Professional
Pack sizes and packaging material	20mL PE+PET Pods 100mL to 2L HDPE/PET Bottle 1L LDPE Dosing bottle 1L HDPE Dosing bottle 1 to 5 L HDPE Pouch

5-10-20L LDPE/PET Bag in box (cubitainer)

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

4.8.1 Use-specific instructions for use

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4.8.2 Use-specific risk mitigation measures

For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

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

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

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

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4.9 Use description

Use 9 - Disinfection of hard surfaces by wiping / mopping / brushing / scrubbing – Professionals - PT4 – Soluble concentrate (Use 12)

Product type	PT04 - Food and feed area (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: Yeasts Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Indoors disinfection in agri-food industries (excluding milk industries), food and feed areas (collective central kitchens, food shops and restaurants).</p>
Application method(s)	<p>Method: Wiping/mopping/brushing/scrubbing without mechanical action. Detailed description: -</p>
Application rate(s) and frequencies	<p>Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> - Bacteria and yeasts: 9% v/v, 30 minutes. <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	Professional
Pack sizes and packaging material	<p>20 mL HDPE Cartridge to be used with trigger spray 0.5, 0.75, 1L and 1L bottle</p> <p>20mL PE+PET Pods</p> <p>100mL to 2L HDPE/PET Bottle</p> <p>1L LDPE Dosing bottle</p> <p>1L HDPE Dosing bottle</p> <p>1 to 5 L HDPE Pouch</p>

5-10-20L LDPE/PET Bag in box (cubitainer)

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

4.9.1 Use-specific instructions for use

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4.9.2 Use-specific risk mitigation measures

For professional user: wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading, application and rinsing.

For professional bystander :

-Do not touch the surface until it is completely dried

For general public:

-Do not touch the surface until it is rinsed and completely dried

-Children should not be present during disinfection and until the surface is rinsed and dried

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 inner surfaces by CIP – Professionals - PT4 – Soluble concentrate (Use15)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in agri-food industries (excluding milk industries).
Application method(s)	Method: Cleaning in place Detailed description: -
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.
Category(ies) of users	Professional

Pack sizes and packaging material

20mL PE+PET Pods
100mL to 2L HDPE/PET Bottle
1L LDPE Dosing bottle
1L HDPE Dosing bottle
1 to 5 L HDPE Pouch
5-10-20L LDPE/PET Bag in box (cubitainer)
5 to 30L HDPE Jerrican
60-220L HDPE Drum
1000L HDPE Bulk container (IBC)

4.10.1 Use-specific instructions for use

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4.10.2 Use-specific risk mitigation measures

For professional user:

- wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading and maintenance of the circuit system.
- wear gloves, protective coverall, chemical goggles and a respiratory protective equipment (material to be specified by the authorisation holder within the product information) during maintenance of the dosing pumps.

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

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

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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 - Disinfection of the inner surfaces of small kitchen appliances without circulation – Professionals – PT4 – Soluble concentrate (Use 35)

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: Yeasts Development stage:
Field(s) of use	Indoor Indoors disinfection in food and feed areas (collective central kitchens, food shops and restaurants).
Application method(s)	Method: Disinfection of inner surfaces without circulation Detailed description: -
Application rate(s) and frequencies	Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C: - Bacteria and yeasts: 9% v/v, 30 minutes. At a temperature of 40°C: - Bacteria and yeasts: 5% v/v, 15 minutes.

Category(ies) of users	Professional
Pack sizes and packaging material	<p>20mL PE+PET pods</p> <p>20mL HDPE cartridges</p> <p>1L LDPE Dosing bottle</p> <p>1L HDPE Dosing bottle</p>

4.11.1 Use-specific instructions for use

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4.11.2 Use-specific risk mitigation measures

For professional user:

- wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading and maintenance of the circuit system.
- wear gloves, protective coverall, chemical goggles and a respiratory protective equipment (material to be specified by the authorisation holder within the product information) during maintenance of the dosing pumps.

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

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

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

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4.12 Use description

Use 12 - Disinfection of the inner surfaces of small kitchen appliances by CIP – Professionals – PT4 – Soluble concentrate (Use 36)

Product type	PT04 - Food and feed area (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: Yeasts Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Indoors disinfection in food and feed areas (collective central kitchens, food shops and restaurants).</p>
Application method(s)	<p>Method: Disinfection of inner surfaces with circulation. Detailed description: -</p>
Application rate(s) and frequencies	<p>Application Rate: - Dilution (%): 5% v/v - 9% v/v Number and timing of application: At a temperature of 20°C:</p> <p>- Bacteria and yeasts: 9% v/v, 30 minutes.</p> <p>At a temperature of 40°C:</p> <p>- Bacteria and yeasts: 5% v/v, 15 minutes.</p>
Category(ies) of users	Professional
Pack sizes and packaging material	20mL PE+PET pods

20mL HDPE cartridges

1L LDPE Dosing bottle

1L HDPE Dosing bottle

4.12.1 Use-specific instructions for use

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4.12.2 Use-specific risk mitigation measures

For professional user:

-wear gloves, protective coverall and chemical goggles (material to be specified by the authorisation holder within the product information) during mixing and loading and maintenance of the circuit system.

-wear gloves, protective coverall, chemical goggles and a respiratory protective equipment (material to be specified by the authorisation holder within the product information) during maintenance of the dosing pumps.

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

-

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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5. General directions for use

5.1. Instructions for use

- Comply with the instructions for use.
- Apply only on non porous surfaces.
- Inform the registration holder if the treatment is ineffective.
- Products have been tested against bacteria, including *Enterobacter cloacae*, *Salmonella Typhimurium*, *Campylobacter jejuni* and *Listeria monocytogenes* at 20°C and 40°C and *Lactobacillus brevis* at 40°C.

5.2. Risk mitigation measures

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

- IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance. Information to Healthcare personnel/doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid
- IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.
- IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor.

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

- Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets...) nor down the drains.
- Dispose of unused product, its packaging and all other waste in accordance with local regulations.

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

- Protect from frost.
- Keep away from direct sunlight.
- Shelf-life = 2 years.

6. Other information

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