

# Summary of product characteristics for a biocidal product

**Product name:** DETERQUAT CIP 24

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

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**Authorisation number:** FR-2023-0077

**R4BP 3 asset reference number:** FR-0021506-0038

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## Administrative information

### 1.1. Trade names of the product

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### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	Hydrachim
Address	ZA du piquet 35370 Etrelles France
Authorisation number	FR-2023-0077 1-6

**R4BP 3 asset reference number**

FR-0021506-0038
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**Date of the authorisation**

19/12/2023
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**Expiry date of the authorisation**

18/12/2033
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### 1.3. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

HYDRACHIM SAS
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**Address of the manufacturer**

ZA DU PIQUET F-35730 ETRELLES France
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**Location of manufacturing sites**

HYDRACHIM PLELAN LE GRAND - ZA DE LA POINTE F-35380 PLELAN LE GRAND France
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HYDRACHIM LE PERTRE - ROUTE DE SAINTE POIX F-35370 LE PERTRE France
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#### 1.4. Manufacturer(s) of the active substance(s)

<b>Active substance</b>	1322 - L-(+)-lactic acid
<b>Name of the manufacturer</b>	Corbion Purac Bioquimica sa
<b>Address of the manufacturer</b>	Gran Vial 19-25 08160 MONTMELÓ Spain
<b>Location of manufacturing sites</b>	Gran Vial 19-25 E-08160 MONTMELÓ Spain Arkelsedijk 46 NL-4200 GORINCHEM Netherlands
<b>Active substance</b>	1322 - L-(+)-lactic acid
<b>Name of the manufacturer</b>	Jungbunzlauer S.A
<b>Address of the manufacturer</b>	ZI Portuaire - BP 32 F-67390 Marcklosheim France
<b>Location of manufacturing sites</b>	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

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#### 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: Manual surface 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)



#### 4.1.1 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**

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**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)**

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals).
<b>Application method(s)</b>	Method: Manual spraying with a mural cleaning station Detailed description: Manual spraying with a mural cleaning station (liquid/foam spraying) with automated dilution.
<b>Application rate(s) and frequencies</b>	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**



**Pack sizes and packaging material**

Professional
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 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.

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

<b>Product type</b>	PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals).
<b>Application method(s)</b>	Method: Dipping/Soaking Detailed description: Manual dipping/soaking.
<b>Application rate(s) and frequencies</b>	Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:  - Bacteria and yeasts: 9% v/v, 30 minutes.

	<p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<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>

#### 4.3.1 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**

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**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)**

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals).
<b>Application method(s)</b>	Method: Wiping / mopping / brushing / scrubbing Detailed description: Wiping/mopping/brushing/scrubbing without mechanical action.
<b>Application rate(s) and frequencies</b>	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**

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

<b>Application method(s)</b>	<p>Indoor</p> <p>Indoors disinfection in industries (including cosmetic and pharmaceutical industries).</p>
	<p>Method: Cleaning in place Detailed description: Cleaning-in-place.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 9% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	<p>Professional</p>
<b>Pack sizes and packaging material</b>	<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>

#### 4.5.1 Use-specific instructions for use

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#### 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**

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**Target organism(s) (including development stage)**

Scientific name:  
Common name: Bacteria  
Development stage:

Scientific name:  
Common name: Yeasts  
Development stage:

**Field(s) of use**



<b>Application method(s)</b>	<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>
	<p>Method: Manual surface spraying Detailed description: Manual surface spraying.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 9% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	<p>Professional</p>
<b>Pack sizes and packaging material</b>	<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>

#### 4.6.1 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)

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in agri-food industries (excluding milk industries), food and feed areas (collective central kitchens, food shops and restaurants).
<b>Application method(s)</b>	Method: Manual spraying with a mural cleaning station Detailed description: Manual spraying with a mural cleaning station (liquid/foam spraying) with automated dilution.
<b>Application rate(s) and frequencies</b>	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.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	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)**

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Yeasts Development stage:</p>
<b>Field(s) of use</b>	<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>
<b>Application method(s)</b>	<p>Method: Dipping/Soaking Detailed description:</p> <p>Manual dipping/soaking.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 9% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<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)

#### 4.8.1 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)

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Yeasts Development stage:</p>
<b>Field(s) of use</b>	<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>
<b>Application method(s)</b>	<p>Method: Wiping / mopping / brushing / scrubbing Detailed description: Wiping/mopping/brushing/scrubbing without mechanical action.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 9% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<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>

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)

#### 4.9.1 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)

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in agri-food industries (excluding milk industries).
<b>Application method(s)</b>	Method: Cleaning in place Detailed description: Cleaning in place.
<b>Application rate(s) and frequencies</b>	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)

**4.10.1 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)**

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Common name: Bacteria Development stage:  Scientific name: Common name: Yeasts Development stage:
<b>Field(s) of use</b>	Indoor  Indoors disinfection in food and feed areas (collective central kitchens, food shops and restaurants).
<b>Application method(s)</b>	Method: Disinfection of inner surfaces without circulation. Detailed description:  Disinfection of inner surfaces without circulation.
<b>Application rate(s) and frequencies</b>	Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:  - Bacteria and yeasts: 9% v/v, 30 minutes.

	<p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<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)**

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Yeasts Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Indoors disinfection in food and feed areas (collective central kitchens, food shops and restaurants).</p>
<b>Application method(s)</b>	<p>Method: Disinfection of inner surfaces with circulation. Detailed description:</p> <p>Disinfection of inner surfaces with circulation.</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 20°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 9% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 5% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	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**

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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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## 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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