

EN

*ANNEX*

**SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT**

Product 2

**Product type(s)**

PT02: Disinfectants and algaecides not intended for direct application to humans or animals

PT04: Food and feed area

**Authorisation number:** FR-2022-0004 1-5

**R4BP asset number:** FR-0020810-0008

## 1. ADMINISTRATIVE INFORMATION

### 1.1. Trade name(s) of the product

Trade name(s)	DÉTARTRANT DÉSINFECTANT SANITAIRES CONCENTRÉ RESOLUTIONS Détartrant Désinfectant Sanitaires Concentré
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### 1.2. Authorisation holder

Name and address of the authorisation holder	Name	Action Pin
	Address	Z.I. de Cazalieu CS 60030 40 260 Castets France
Authorisation number	FR-2022-0004 1-5	
<i>R4BP asset number</i>	FR-0020810-0008	
Date of the authorisation	09/02/2022	
Expiry date of the authorisation	08/02/2032	

### 1.3. Manufacturer(s) of the product

Name of manufacturer	ACTION PIN
Address of manufacturer	Z.I. de Cazalieu - CS 60030 40260 CASTETS France
Location of manufacturing sites	ACTION PIN site 1 448 Route de l'Océan 40560 VIELLE-SAINT-GIRONS France

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

Active substance	L-(+)-lactic acid
Name of manufacturer	Jungbunzlauer S.A.
Address of manufacturer	Z.I. et Portuaire B.P. 32 67390 MARCKOLSHEIM France
Location of manufacturing sites	Jungbunzlauer S.A. site 1 Z.I. et Portuaire B.P. 32 67390 MARCKOLSHEIM France

Active substance	L-(+)-lactic acid
Name of manufacturer	Purac Biochem bv
Address of manufacturer	Arkelsedijk 46 – NL 4206 AC Gorinchem Netherlands (the)
Location of manufacturing sites	Purac Biochem bv site 1 Arkelsedijk 46 – NL 4206 AC Gorinchem Netherlands (the)  Purac Biochem bv site 2 Gran Vial 19-25 08160 MONTMELÓ Spain

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## 2. PRODUCT COMPOSITION AND FORMULATION

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	24

### 2.2. Type(s) of formulation

SL Soluble concentrate

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	<p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p>
Precautionary statements	<p>P234: Keep only in original packaging.</p> <p>P260: Do not breathe dust/fume/gas/mist/vapours/spray.</p> <p>P264: Wash ... thoroughly after handling.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER/doctor/...</p> <p>P321: Specific treatment (see ... on this label).</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P405: Store locked up.</p> <p>P406: Store in a corrosion resistant/... container with a resistant inner liner.</p> <p>P501: Dispose of {0:...:contents container} to {1:...}.</p>

#### 4. AUTHORISED USE(S)

##### 4.1. Use description

**Table 1. Disinfectants for hard surfaces of industry, institution, healthcare facilities, health care and food preparation and handling areas**

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT04: Food and feed area
Where relevant, an exact description of the authorised use	Concentrate to be diluted. Product used for the disinfection for industry, institution, healthcare facilities and healthcare, including toilets bowls and disinfection for areas of food preparation and handling.  Disinfection of all kind of non porous surfaces.
Target organism(s) (including development stage)	Scientific name: no data Common name: Yeasts Development stage: no data  Scientific name: no data Common name: Bacteria Development stage: no data
Field(s) of use	indoor use  Indoor
Application method(s)	Method: spraying  Detailed description: Spraying Method: Wiping  Detailed description: Wiping (applying product onto wipe followed by wiping) Method: Mopping  Detailed description: Mopping (applying product onto mop followed by mopping) Method: Brushing  Detailed description: Brushing (applying product onto brush followed by brushing) Method: scrubbing  Detailed description: Scrubbing (machine)
Application rate(s) and frequency	Application rate: 30 ml/m <sup>2</sup> - 20 sprays on the surface per m <sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m <sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet  Dilution (%): -  Number and timing of application: Dirty conditions  In healthcare area, without mechanical action (spraying): bacteria, yeasts: 8% (v/v), contact time 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

All areas, with mechanical action (wiping /mopping /brushing / scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls: 50 ml or 33 sprays per toilet

Daily frequency

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

Dirty conditions

In healthcare area, without mechanical action (spraying):

bacteria, yeasts: 8% (v/v), contact time 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

All areas, with mechanical action (wiping /mopping /brushing / scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls: 50 ml or 33 sprays per toilet

Daily frequency

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

Dirty conditions

In healthcare area, without mechanical action (spraying):  
bacteria, yeasts: 8% (v/v), contact time 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

All areas, with mechanical action (wiping /mopping /brushing /  
scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls: 50 ml or 33 sprays per toilet

Daily frequency

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to  
12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml  
or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

Dirty conditions

In healthcare area, without mechanical action (spraying):  
bacteria, yeasts: 8% (v/v), contact time 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

All areas, with mechanical action (wiping /mopping /brushing /  
scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls: 50 ml or 33 sprays per toilet

Daily frequency

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to  
12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml  
or 33 sprays per toilet

Dilution (%): -

	<p>Number and timing of application: Dirty conditions</p> <p>In healthcare area, without mechanical action (spraying): bacteria, yeasts: 8% (v/v), contact time 5 minutes, 20°C</p> <p>Other areas, without mechanical action (spraying): Bacteria, yeasts: 5% (v/v), contact time 15 min, 20°C 3% (v/v), contact time 30 min, 40°C</p> <p>All areas, with mechanical action (wiping /mopping /brushing / scrubbing): Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C</p> <p>Application rates: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet</p> <p>Daily frequency</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>HDPE: 1 L / 1 kg, 5 L / 5 kg, 10 L / 10 kg, 20 L / 20 kg, 120 L / 120 kg, 200 L / 200 kg, 220 L / 220 kg</p> <p>PET: 1 L / 1 kg</p> <p>Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L / 5 kg</p> <p>Coextrude (HDPE/Adhesive resin/EVAL): 250 mL / 250 g</p> <p>LDPE/HDPE: 20 mL</p>

#### 4.1.1. Use-specific instructions

##### 1. Manual disinfection:

- For hard surfaces by spraying: Dilute in water and spray directly on the surfaces intended to be treated and cover the entire surfaces. Allow to take effect for at least 5 until 30 minutes depending on the temperature and the use area, then brush or scrub if required and wipe with a dry cloth.

- For hard surfaces by wiping/mopping/brushing: Dilute in water, spray on wipe or soak the mop/wipe/brush and apply by fully wetting all surfaces intended to be treated. Allow to take effect for at least 5 minutes, then wipe the surface with a dry cloth if required or let to dry.

##### 2. Machine:



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- Dilute in water in scrubber-dryers, single-disk scrubbers, high or low pressure sprayers... and apply on surface and/or floor intended to be treated. Allow to take effect for at least 5 and then let to dry. Rinse the tank after applying the product.

- Toilet bowls: Dilute in water and spray inside the toilet bowls by fully covering all surface to be treated. Allow to take effect for at least 5 minutes, then brush if required and flush the toilet.

- The product must be used directly after dilution.

- Products have been tested against bacteria, including Salmonella Typhimurium (agent of Salmonellosis disease) and Listeria monocytogenes (agent of Listeriosis disease)

#### **4.1.2. Use-specific risk mitigation measures**

#### **4.1.3. Use-specific risk mitigation measures**

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#### **4.1.4. 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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#### **4.1.5. Where specific to the use, the instructions for safe disposal of the product and its packaging**

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#### **4.1.6. 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**

**Table 2. Disinfectants for hard surfaces of industry, institution, healthcare facilities and food preparation and handling areas**

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
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	PT04: Food and feed area
Where relevant, an exact description of the authorised use	<p>Concentrate to be diluted. Product used for the disinfection of industry, institution and healthcare facilities, including external surfaces of toilets bowls and disinfection for area of food preparation and handling.</p> <p>Disinfection of all kind of non porous surfaces</p>
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p>
Field(s) of use	<p>indoor use</p> <p>Indoor</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Spraying Method: Wiping</p> <p>Detailed description: Wiping (applying product onto wipe followed by wiping) Method: Mopping</p> <p>Detailed description: Mopping (applying product onto mop followed by mopping) Method: Brushing</p> <p>Detailed description: Brushing (applying product onto brush followed by brushing) Method: Scrubbing</p> <p>Detailed description: Scrubbing (machine)</p>
Application rate(s) and frequency	<p>Application rate: 30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup></p> <p>Dilution (%): -</p> <p>Number and timing of application: Dirty conditions</p> <p>Without mechanical action (spraying):</p> <p>Bacteria, yeasts:</p> <p>5% (v/v), contact time 15 min, 20°C</p> <p>3% (v/v), contact time 30 min, 40°C</p>

With mechanical action (wiping /mopping /brushing /scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Daily frequency

Application rates:

30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>  
8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Dilution (%): -

Number and timing of application:

Dirty conditions

Without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

With mechanical action (wiping /mopping /brushing /scrubbing):

Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Daily frequency

Application rates:

30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>  
8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Dilution (%): -

Number and timing of application:

Dirty conditions

Without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

With mechanical action (wiping /mopping /brushing /scrubbing):  
Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Daily frequency

Application rates:

30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30ml/m<sup>2</sup> - 20 sprays directly on the surface per  
m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Dilution (%): -

Number and timing of application:

Dirty conditions

Without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

With mechanical action (wiping /mopping /brushing /scrubbing):  
Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Daily frequency

Application rates:

30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30ml/m<sup>2</sup> - 20 sprays directly on the surface per  
m<sup>2</sup> 8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Dilution (%): -

Number and timing of application:

Dirty conditions

Without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time 15 min, 20°C

3% (v/v), contact time 30 min, 40°C

With mechanical action (wiping /mopping /brushing /scrubbing):  
Bacteria, yeasts: 10% v/v, contact time 5 min, 20°C

Daily frequency

Application rates:

30ml/m<sup>2</sup> - 20 sprays directly on the surface per m<sup>2</sup>

8 to 12 sprays or 16 ml onto wipe per 0.1 m<sup>2</sup>

Category(ies) of users	industrial ; professional
Pack sizes and packaging material	HDPE: 1 L / 1 kg, 5 L / 5 kg, 10 L / 10 kg, 20 L / 20 kg, 120 L / 120 kg, 200 L / 200 kg, 220 L / 220 kg PET: 1 L / 1 kg Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L / 5 kg Coextrude (HDPE/Adhesive resin/EVAL): 250 mL / 250 g LDPE/HDPE: 20 mL

#### 4.2.1. Use-specific instructions

##### 1. Manual disinfection:

- For hard surfaces by spraying: Dilute in water and spray directly on the surface intended to be treated and cover the entire surface. Allow to take effect for at least 15 until 30 minutes depending on the temperature, then brush or scrub if required and wipe with a dry cloth.

- For hard surfaces by wiping/mopping/brushing: Dilute in water, spray on wipe or soak the mop/wipe/brush and apply by fully wetting all the surfaces intended to be treated. Allow to take effect for at least 5 minutes, then wipe the surface with a dry cloth if required or let to dry.

##### 2. Machine:

- Dilute in water in scrubber-dryers, single-disk scrubbers, high or low pressure sprayers... and apply on surface and/or floor intended to be treated. Allow to take effect for at least 5 minutes depending on the temperature and then let to dry. Rinse the tank after applying the product.

- The product must be used directly after dilution.

- Products have been tested against bacteria, including Salmonella Typhimurium (agent of Salmonellosis disease) and Listeria monocytogenes (agent of Listeriosis disease)

#### 4.2.2. Use-specific risk mitigation measures

#### 4.2.3. Use-specific risk mitigation measures

- For healthcare facilities, apply the product only in areas where disinfection is not medically indicated.

**4.2.4. 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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**4.2.5. Where specific to the use, the instructions for safe disposal of the product and its packaging**

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**4.2.6. 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**

**Table 3. Disinfectants for hard surfaces of industry, institution, healthcare facilities and health care areas**

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Product used for the disinfection for industry, institution, healthcare facilities and healthcare including toilets bowls.  Disinfection of all kind of non porous surfaces.
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data  Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	indoor use  Indoor
Application method(s)	Method: spraying  Detailed description: Spraying Method: Wiping  Detailed description: Wiping (applying product onto wipe followed by wiping) Method: Mopping

	<p>Detailed description: Mopping (applying product onto mop followed by mopping) Method: Brushing</p> <p>Detailed description: Brushing (applying product onto brush followed by brushing) Method: Scrubbing</p> <p>Detailed description: Scrubbing (machine)</p>
<p>Application rate(s) and frequency</p>	<p>Application rate: 30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls, 50 ml or 33 sprays per toilet</p> <p>Dilution (%): -</p> <p>Number and timing of application: In healthcare, without mechanical action (spraying):</p> <p>Bacteria, yeasts:</p> <p>8% (v/v), contact time : 5 minutes, 20°C</p> <p>Other areas, without mechanical action (spraying):</p> <p>Bacteria, yeasts:</p> <p>5% (v/v), contact time : 15 minutes, 20°C</p> <p>With mechanical action (wiping/mopping/brushing/scrubbing):</p> <p>Bacteria, yeasts:</p> <p>10% (v/v) contact time 5 minutes, 20°C</p> <p>Application rates:</p> <p>30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup></p> <p>8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup></p> <p>For toilet bowls, 50 ml or 33 sprays per toilet</p>

Application rate: 30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls, 50 ml or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

In healthcare, without mechanical action (spraying):

Bacteria, yeasts:

8% (v/v), contact time : 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time : 15 minutes, 20°C

With mechanical action (wiping/mopping/brushing/scrubbing):

Bacteria, yeasts:

10% (v/v) contact time 5 minutes, 20°C

Application rates:

30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls, 50 ml or 33 sprays per toilet

Application rate: 30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls, 50 ml or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

In healthcare, without mechanical action (spraying):



Bacteria, yeasts:

8% (v/v), contact time : 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time : 15 minutes, 20°C

With mechanical action (wiping/mopping/brushing/scrubbing):

Bacteria, yeasts:

10% (v/v) contact time 5 minutes, 20°C

Application rates:

30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>

For toilet bowls, 50 ml or 33 sprays per toilet

Application rate: 30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls, 50 ml or 33 sprays per toilet

Dilution (%): -

Number and timing of application:

In healthcare, without mechanical action (spraying):

Bacteria, yeasts:

8% (v/v), contact time : 5 minutes, 20°C

Other areas, without mechanical action (spraying):

Bacteria, yeasts:

5% (v/v), contact time : 15 minutes, 20°C

	<p>With mechanical action (wiping/mopping/brushing/scrubbing):  Bacteria, yeasts:  10% (v/v) contact time 5 minutes, 20°C</p> <p>Application rates:  30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>  8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>  For toilet bowls, 50 ml or 33 sprays per toilet</p> <p>Application rate: 30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup> For toilet bowls, 50 ml or 33 sprays per toilet</p> <p>Dilution (%): -</p> <p>Number and timing of application:  In healthcare, without mechanical action (spraying):  Bacteria, yeasts:  8% (v/v), contact time : 5 minutes, 20°C</p> <p>Other areas, without mechanical action (spraying):  Bacteria, yeasts:  5% (v/v), contact time : 15 minutes, 20°C</p> <p>With mechanical action (wiping/mopping/brushing/scrubbing):  Bacteria, yeasts:  10% (v/v) contact time 5 minutes, 20°C</p> <p>Application rates:  30ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>  8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>  For toilet bowls, 50 ml or 33 sprays per toilet</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	HDPE: 1 L / 1 kg, 5 L / 5 kg, 10 L / 10 kg, 20 L / 20 kg, 120 L / 120 kg, 200 L / 200 kg, 220 L / 220 kg PET: 1 L / 1 kg Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L / 5 kg Coextrude (HDPE/Adhesive resin/EVAL): 250 mL / 250 g LDPE/HDPE: 20 mL

### 4.3.1. Use-specific instructions

1. Manual disinfection:

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- For hard surfaces by spraying: Dilute in water and spray directly on the surfaces intended to be treated and cover the entire surfaces. Allow to take effect for at least 5 until 15 minutes, depending on the use area, then brush or scrub if required and wipe with a dry cloth.

- For hard surfaces by wiping/mopping/brushing: Dilute in water, spray on wipe or soak the mop/wipe/brush and apply by fully wetting all surfaces intended to be treated. Allow to take effect for at least 5 minutes, then wipe the surface with a dry cloth if required or let to dry.

## 2. Machine:

- Dilute in water in scrubber-dryers, single-disk scrubbers, high or low pressure sprayers... and apply on surface and/or floor intended to be treated. Allow to take effect for at least 5 minutes and then let to dry. Rinse the tank after applying the product.

- Toilet bowls: Dilute in water and spray inside the toilet bowls by fully covering all surface to be treated. Allow to take effect for at least 5 until 15 minutes, depending on the use area, then brush if required and flush the toilet.

- The product must be used directly after dilution.

### **4.3.2. Use-specific risk mitigation measures**

### **4.3.3. Use-specific risk mitigation measures**

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### **4.3.4. 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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### **4.3.5. Where specific to the use, the instructions for safe disposal of the product and its packaging**

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### **4.3.6. 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

**Table 4. Disinfectants for hard surfaces of industry, institution and healthcare facilities areas**

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Product used for the disinfection of industry, institution and healthcare facilities, including external surfaces of toilets bowls.  Disinfection of all kind of non porous surfaces.
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data  Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	indoor use  Indoor
Application method(s)	Method: spraying  Detailed description: Spraying Method: Wiping  Detailed description: Wiping (applying product onto wipe followed by wiping), Method: Mopping  Detailed description: Mopping (applying product onto mop followed by mopping) Method: Brushing  Detailed description: Brushing (applying product onto brush followed by brushing) Method: Scrubbing  Detailed description: Scrubbing (machine)
Application rate(s) and frequency	Application rate: 30 ml/m <sup>2</sup> - 20 sprays on the surface per m <sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m <sup>2</sup>  Dilution (%): -  Number and timing of application: Without mechanical action (spraying):  Bacteria, yeasts: 5% (v/v), contact time 15 min, 20°C  With mechanical action (wiping/mopping/brushing/scrubbing):

Bacteria, yeasts:

10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>

Dilution (%): -

Number and timing of application:

Without mechanical action (spraying):

Bacteria, yeasts: 5% (v/v), contact time 15 min, 20°C

With mechanical action (wiping/mopping/brushing/scrubbing):

Bacteria, yeasts:

10% v/v, contact time 5 min, 20°C

Application rates:

30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup>

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Dilution (%): -

Number and timing of application:

Without mechanical action (spraying):

Bacteria, yeasts: 5% (v/v), contact time 15 min, 20°C

With mechanical action (wiping/mopping/brushing/scrubbing):

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10% v/v, contact time 5 min, 20°C

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8 to 12 sprays - 16 ml onto wipe per 0.1 m<sup>2</sup>

Application rate: 30 ml/m<sup>2</sup> - 20 sprays on the surface per m<sup>2</sup> 8 to

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Dilution (%): -

Number and timing of application:

Without mechanical action (spraying):

Bacteria, yeasts: 5% (v/v), contact time 15 min, 20°C

With mechanical action (wiping/mopping/brushing/scrubbing):

Bacteria, yeasts:

10% v/v, contact time 5 min, 20°C

	Application rates: 30 ml/m <sup>2</sup> - 20 sprays on the surface per m <sup>2</sup> 8 to 12 sprays - 16 ml onto wipe per 0.1 m <sup>2</sup>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	HDPE: 1 L / 1 kg, 5 L / 5 kg, 10 L / 10 kg, 20 L / 20 kg, 120 L / 120 kg, 200 L / 200 kg, 220 L / 220 kg PET: 1 L / 1 kg Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L / 5 kg Coextrude (HDPE/Adhesive resin/EVAL): 250 mL / 250 g LDPE/HDPE: 20 mL

#### 4.4.1. Use-specific instructions

##### 1. Manual disinfection:

- For hard surfaces by spraying: Dilute in water and spray directly on the surfaces intended to be treated and cover the entire surfaces. Allow to take effect for at least 15 minutes, then brush or scrub if required and wipe with a dry cloth.

- For hard surfaces by wiping/mopping/brushing: Dilute in water, spray on wipe or soak the mop/wipe/brush and apply by fully wetting all surfaces intended to be treated. Allow to take effect for at least 5 minutes, then wipe the surface with a dry cloth if required or let to dry.

##### 2. Machine:

- Dilute in water in scrubber-dryers, single-disk scrubbers, high or low pressure sprayers... and apply on surface and/or floor intended to be treated. Allow to take effect for at least 5 minutes and then let to dry. Rinse the tank after applying the product.

- The product must be used directly after dilution.

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**4.4.2. Use-specific risk mitigation measures**

**4.4.3. Use-specific risk mitigation measures**

- For healthcare facilities, apply the product only in areas where disinfection is not medically indicated.

**4.4.4. 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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**4.4.5. Where specific to the use, the instructions for safe disposal of the product and its packaging**

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**4.4.6. 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<sup>1</sup>

### 5.1. Instructions for use

- Comply with the instructions of uses.
- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- Inform the authorization holder if the treatment is ineffective.
- For PT4 areas, application is only for general disinfection.

### 5.2. Risk mitigation measures

- Avoidance of contact with freshly treated surfaces.
- During mixing and loading, wear:
  - # face shield,
  - # protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information),
  - # coated coverall (at least category III type 6).
- Minimisation of splashes and spills.
- Minimisation of manual phases.
- During application and cleaning of spray equipment, wear:
  - # face shield,
  - # protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information),
  - # coated coverall (at least category III type 6).
- The spray application must be downward in order to avoid any facial exposure.

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

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- If INHALED: Remove person to fresh air and keep comfortable for breathing.
- In case of impaired consciousness place in recovery position and seek medical advice immediately.
- Keep the container or label available.

### 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.

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<sup>1</sup>Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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

- Shelf life: 2 years.

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## **6. OTHER INFORMATION**

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