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*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 1-2

**R4BP asset number:** FR-0020810-0004

## 1. ADMINISTRATIVE INFORMATION

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

Trade name(s)	DÉTARTRANT DÉSINFECTANT SANITAIRES DÉTARTRANT DÉSINFECTANT SALLE DE BAINS RESOLUTIONS Détartrant Désinfectant Sanitaires P.A.E.
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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 1-2	
<i>R4BP asset number</i>	FR-0020810-0004	
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	3

### 2.2. Type(s) of formulation

AL Any other liquid

### 3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	H290: May be corrosive to metals. H315: Causes skin irritation.
Precautionary statements	P234: Keep only in original packaging. P264: Wash ... thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/... P302+P352: IF ON SKIN: Wash with plenty of water/ ... P321: Specific treatment (see ... on this label). P332+P313: If skin irritation occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P390: Absorb spillage to prevent material damage. P406: Store in a corrosion resistant/... container with a resistant inner liner.

#### 4. AUTHORISED USE(S)

##### 4.1. Use description

**Table 1. Disinfectants for hard surfaces of domestic area**

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 households surfaces, 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
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)
Application rate(s) and frequency	Application rate: 30 ml/m2 (20 sprays on the surface per m2) 8 to 12 sprays or 16 ml on wipe per 0.1 m2) For toilet bowls, 50 ml or 33 sprays per toilet  Dilution (%): 0  Number and timing of application: Ready to use  Non mechanical action (spraying) or mechanical action (wiping)  Contact time : 5 minutes Dirty conditions Temperature: 20°C  Application rates: 30 ml/m2 (20 sprays on the surface per m2) 8 to 12 sprays or 16 ml on wipe per 0.1 m2) For toilet bowls, 50 ml or 33 sprays per toilet  Application rate: 30 ml/m2 (20 sprays on the surface per m2) 8 to 12 sprays or 16 ml on wipe per 0.1 m2) For toilet bowls, 50 ml or 33 sprays per toilet  Dilution (%): 0

	<p>Number and timing of application: Ready to use</p> <p>Non mechanical action (spraying) or mechanical action (wiping)</p> <p>Contact time : 5 minutes Dirty conditions Temperature: 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 on wipe per 0.1 m<sup>2</sup>) For toilet bowls, 50 ml or 33 sprays per toilet</p>
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	<p>HDPE: 500 mL trigger spray, 750 mL trigger spray, 1 L trigger spray, 1 L, 5 L</p> <p>PET: 500 mL trigger spray, 750 mL trigger spray, 1 L</p> <p>Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L</p>

#### 4.1.1. Use-specific instructions

- Read carefully and follow all instructions.
  
- Ready-to-use liquid for spraying for hard surfaces: Spray directly on the surfaces intended to be treated and cover the entire surfaces. Allow to take effect for at least 5 minutes, then brush or scrub if required and wipe with a dry cloth.
  
- Ready-to-use liquid for wiping on hard surfaces: Spray on wipe 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.
  
- Ready-to-use liquid for toilet bowls: Spray inside the toilet bowls by fully covering all surfaces to be treated (approximately 50 ml or 33 sprays per toilet). Allow to take effect for at least 5 minutes, then brush if required and flush the toilet.

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

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

- Minimisation of splashes and spills during loading of the trigger spray.
- The spray application must be downward in order to avoid any facial exposure.
- Wash hands after application.

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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**

- If medical advice is needed, have product container or label at hand.

**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**

- Keep out of reach of children and pets.

**4.2. Use description**

**Table 2. Disinfectants for hard surfaces including food contact surfaces of domestic area**

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	Product used for the disinfection of households surfaces including food contact surfaces, toilets bowls and devices for baby care and other risk groups.  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)
Application rate(s) and frequency	<p>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 on wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet</p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Spraying,  Wiping (applying product onto wipe followed by wiping)  Ready to use  Dirty conditions  Temperature: 20°C</p> <p>Non mechanical action (spraying):  Contact time (bacteria and yeasts): 15 minutes</p> <p>Mechanical action (wiping):  Contact time (bacteria, yeasts): 5 minutes</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 on wipe per 0.1 m<sup>2</sup>  For toilet bowls: 50 ml or 33 sprays per toilet</p> <p>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 on wipe per 0.1 m<sup>2</sup> For toilet bowls: 50 ml or 33 sprays per toilet</p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Spraying,  Wiping (applying product onto wipe followed by wiping)  Ready to use  Dirty conditions  Temperature: 20°C</p> <p>Non mechanical action (spraying):  Contact time (bacteria and yeasts): 15 minutes</p> <p>Mechanical action (wiping):  Contact time (bacteria, yeasts): 5 minutes</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 on wipe per 0.1 m<sup>2</sup>  For toilet bowls: 50 ml or 33 sprays per toilet</p>
Category(ies) of users	general public (non-professional)



Pack sizes and packaging material	HDPE: 500 mL trigger spray, 750 mL trigger spray, 1 L trigger spray, 1 L, 5 L PET: 500 mL trigger spray, 750 mL trigger spray, 1 L Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L
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#### **4.2.1. Use-specific instructions**

- Read carefully and follow all instructions.
- Ready-to-use liquid for hard surfaces by spraying: 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.
- Ready-to-use liquid for hard surfaces by wiping: Spray on wipe 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.
- Ready-to-use liquid for toilet bowls: Spray inside the toilet bowls by fully covering all surface to be treated. Allow to take effect for at least 15 minutes, then brush if required and flush the toilet.
- Product has 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**

- Minimisation of splashes and spills during loading of the trigger spray.
- The spray application must be downward in order to avoid any facial exposure.
- Wash hands after application.

#### **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**

- If medical advice is needed, have product container or label at hand.

#### **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**

- Keep out of reach of children and pets.

### 4.3. Use description

**Table 3. 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 PT04: Food and feed area
Where relevant, an exact description of the authorised use	Product used for the disinfection for industry, institution and healthcare facilities, including external surfaces of toilets bowls and, food preparation and handling area.  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)
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 on wipe per 0.1 m <sup>2</sup>  Dilution (%): 0  Number and timing of application: Ready to use Dirty conditions Temperature: 20°C  Non mechanical action (spraying): Contact time (bacteria and yeasts): 15 minutes  Mechanical action (wiping, mopping): Contact time (bacteria, yeasts): 5 minutes  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 on wipe per 0.1 m <sup>2</sup>

	<p>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 on wipe per 0.1 m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Ready to use  Dirty conditions  Temperature: 20°C</p> <p>Non mechanical action (spraying):  Contact time (bacteria and yeasts): 15 minutes</p> <p>Mechanical action (wiping, mopping):  Contact time (bacteria, yeasts): 5 minutes</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 on wipe per 0.1 m<sup>2</sup></p> <p>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 on wipe per 0.1 m<sup>2</sup></p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Ready to use  Dirty conditions  Temperature: 20°C</p> <p>Non mechanical action (spraying):  Contact time (bacteria and yeasts): 15 minutes</p> <p>Mechanical action (wiping, mopping):  Contact time (bacteria, yeasts): 5 minutes</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 on wipe per 0.1 m<sup>2</sup></p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	HDPE: 500 mL trigger spray, 750 mL trigger spray, 1 L, 5 L PET: 500 mL trigger spray, 750 mL trigger spray, 1 L Coextrude (HDPE/Adhesive/Nylon polyamide):5 L

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#### **4.3.1. Use-specific instructions**

- Ready-to-use liquid for hard surfaces by spraying: 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.
- Ready-to-use liquid for hard surfaces by wiping/mopping: Spray on wipe or soak the mop/wipe 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.
- Product has been tested against bacteria, including Salmonella Typhimurium (agent of Salmonellosis disease) and Listeria monocytogenes (agent of Listeriosis disease)

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

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

- For healthcare facilities, apply the product only in areas where disinfection is not medically indicated.
- During loading of the trigger spray and application, wear:
  - # 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),
  - # face shield.
- Minimisation of splashes and spills during loading of the trigger spray.
- The spray application must be downward in order to avoid any facial exposure.

#### **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 for 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.  Use for cleaning and 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)
Application rate(s) and frequency	Application rate: 30 ml/m2 (20 sprays on the surface per m2 ) 8 to 12 sprays or 16 ml on wipe per 0.1 m2)  Dilution (%): 0  Number and timing of application: Ready to use Dirty conditions Temperature: 20°C  Non mechanical action (spraying): Contact time (bacteria and yeasts): 15 minutes  Mechanical action (wiping and mopping): Contact time (bacteria and yeasts): 5 minutes  Application rates: 30 ml/m2 (20 sprays on the surface per m2 ) 8 to 12 sprays or 16 ml on wipe per 0.1 m2)

	<p>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 on wipe per 0.1 m<sup>2</sup>)</p> <p>Dilution (%): 0</p> <p>Number and timing of application:  Ready to use  Dirty conditions  Temperature: 20°C</p> <p>Non mechanical action (spraying):  Contact time (bacteria and yeasts): 15 minutes</p> <p>Mechanical action (wiping and mopping):  Contact time (bacteria and yeasts): 5 minutes</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 on wipe per 0.1 m<sup>2</sup>)</p> <p>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 on wipe per 0.1 m<sup>2</sup>)</p> <p>Dilution (%): 0</p> <p>Number and timing of application:</p> <p><b>Ready to use</b>  <b>Dirty conditions</b>  <b>Temperature: 20°C</b></p> <p><b>Non mechanical action (spraying):</b>  <b>Contact time (bacteria and yeasts): 15 minutes</b></p> <p><b>Mechanical action (wiping and mopping):</b>  <b>Contact time (bacteria and yeasts): 5 minutes</b></p> <p><b>Application rates:</b>  <b>30 ml/m<sup>2</sup> (20 sprays on the surface per m<sup>2</sup> )</b>  <b>8 to 12 sprays or 16 ml on wipe per 0.1 m<sup>2</sup>)</b></p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	HDPE: 500 mL trigger spray, 750 mL trigger spray, 1 L, 5 L PET: 500 mL trigger spray, 750 mL trigger spray, 1 L Coextrude (HDPE/Adhesive/Nylon polyamide): 5 L

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#### **4.4.1. Use-specific instructions**

- Ready-to-use liquid for hard surfaces by spraying: Spray directly on the surface intended to be treated and cover the entire surface. Allow to take effect for at least 15 minutes, then brush or scrub if required and rinse with water, wipe with a dry cloth.
- Ready-to-use liquid for hard surfaces by wiping/mopping: Spray on wipe or soak the mop/wipe and apply by fully wetting all surfaces intended to be treated. Allow to take effect for at least 5 minutes and rinse with water, then wipe the surface with a dry cloth if required or let to dry.

#### **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.
- During loading of the trigger spray and application, wear:
  - # 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),
  - # face shield.
- Minimisation of splashes and spills during loading of the trigger spray.
- The spray application must be downward in order to avoid any facial exposure.

#### **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 surfaces, application is only for general disinfection.

### **5.2. Risk mitigation measures**

- Avoidance of contact with freshly treated surfaces.

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

- IF ON SKIN: Wash with plenty of water
- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.
- Ingestion: Wash out mouth with water. Contact poison treatment specialist. Seek medical advice immediately if symptoms occur and/or large quantities have been ingested. Do not give fluids or induce vomiting.
- Inhalation (of spray mist): Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.
- 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.

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

- Shel life- : 2 years.

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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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## 6. OTHER INFORMATION

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