

# Summary of product characteristics for a biocidal product

**Product name:** PRODUCT 3-2 - Orapi

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

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

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

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

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

**Authorisation number:** FR-2023-0070

**R4BP 3 asset reference number:** FR-0021507-0007

## Table Of Contents

Administrative information	1
1.1. Trade names of the product	1
1.2. Authorisation holder	1
1.3. Manufacturer(s) of the biocidal products	1
1.4. Manufacturer(s) of the active substance(s)	2
2. Product composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the biocidal product	2
2.2. Type of formulation	2
3. Hazard and precautionary statements	3
4. Authorised use(s)	3
5. General directions for use	21
5.1. Instructions for use	21
5.2. Risk mitigation measures	21
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	21
5.4. Instructions for safe disposal of the product and its packaging	22
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	22
6. Other information	22

## Administrative information

### 1.1. Trade names of the product

PRODUCT 3-2 - Orapi
---------------------

### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	ORAPI
Address	225 ALLEE DES CEDRES 01150 SAINT VULBAS France
Authorisation number	FR-2023-0070 1-3

**R4BP 3 asset reference number**

FR-0021507-0007
-----------------

**Date of the authorisation**

19/12/2023
------------

**Expiry date of the authorisation**

18/12/2033
------------

### 1.3. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

ORAPI
-------

**Address of the manufacturer**

25 Rue de l'Industrie 69200 VENISSIEUX France
---

**Location of manufacturing sites**

25 Rue de l'Industrie 69200 VENISSIEUX France
---

225 allées des cèdres - PI de la plaine de l'Ain 01150 SAINT VULBAS France
--

## 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	0,011

### 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.  
May cause an allergic skin reaction.  
Corrosive to the respiratory tract.

#### Precautionary statements

Keep only in original packaging.  
Do not breathe .  
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.  
If skin irritation or rash occurs: Get medical .  
IF ON SKIN: Wash with plenty of water.  
Avoid release to the environment.  
Dispose of to .

### 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)**

<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>	<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 private and public areas: institutions, industries (including cosmetic and pharmaceutical industries), and health care facilities (excluding the hospitals).</p>
<b>Application method(s)</b>	<p>Method: 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 40°C:</p> <p>- Bacteria and yeasts: 6% v/v, 15 minutes.</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p>100mL to 2L HDPE/PET Bottle</p> <p>1L HDPE Bottle with handle</p> <p>1L LDPE Dosing bottle</p> <p>1L HDPE Dosing bottle</p> <p>1 to 5 L HDPE Pouch</p> <p>5L HDPE Jerrican with distributor pump</p> <p>5-10-20L LDPE/PET Bag in box (cubitainer)</p>

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

-

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

-

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

-

**4.2 Use description**

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

<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 40°C:  - Bacteria and yeasts: 6% 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)

#### 4.2.1 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 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.

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

-

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

-

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

-

**4.3 Use description**

**Use 3 - Disinfection of hard surfaces of equipment by manual dipping/soaking– Professionals - PT2 – Soluble concentrate (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: 25% v/v, 15 minutes.  - Bacteria and yeasts: 20% v/v, 30 minutes.

At a temperature of 40°C:

- Bacteria and yeasts: 6% v/v, 15 minutes.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

100mL to 2L HDPE/PET Bottle

1L HDPE Bottle with handle

1L LDPE Dosing bottle

1L HDPE Dosing bottle

1 to 5 L HDPE Pouch

5L HDPE Jerrican with distributor pump

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

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

**4.3.1 Use-specific instructions for use**

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

**4.3.2 Use-specific risk mitigation measures**

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

- Do not immerse hands in the bath
- Let the equipment soak for the necessary time in the bath of cleaning/disinfectant solution, then empty the bath, and finish by rinsing without touching the equipment that has remained in the tank.

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

-

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

-

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

-

**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.

**Application rate(s) and frequencies**

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

- Bacteria and yeasts: 25% v/v, 15 minutes.
- Bacteria and yeasts: 20% v/v, 30 minutes.

At a temperature of 40°C:

- Bacteria and yeasts: 6% v/v, 15 minutes.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

100mL to 2L HDPE/PET Bottle

1L HDPE Bottle with handle

1L LDPE Dosing bottle

1L HDPE Dosing bottle

1 to 5 L HDPE Pouch

5L HDPE Jerrican with distributor pump

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

- Pour the solution direct on the surface and wipe with a cloth / brush for wiping activities

- A mop/brush with a handle has to be used to apply the in-use solution

- Do not immerse hands in the solution

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

-

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

-

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

No use-specific instruction

#### 4.5 Use description

##### Use 5 - Disinfection of hard surfaces and equipment by manual liquid spraying – Professionals - PT4 – Soluble concentrate (Use 9)

<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: Spraying Detailed description: Manual surface spraying.
<b>Application rate(s) and frequencies</b>	Application Rate: - Dilution (%): - Number and timing of application: At a temperature of 40°C:  - Bacteria and yeasts: 6% v/v, 15 minutes.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	100mL to 2L HDPE/PET Bottle  1L HDPE Bottle with handle  1L LDPE Dosing bottle  1L HDPE Dosing bottle  1 to 5 L HDPE Pouch  5L HDPE Jerrican with distributor pump  5-10-20L LDPE/PET Bag in box (cubitainer)

5 to 30L HDPE Jerrican

60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

#### 4.5.1 Use-specific instructions for use

-

#### 4.5.2 Use-specific risk mitigation measures

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

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

-

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

-

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

-

#### 4.6 Use description

##### Use 6 - 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 40°C:  - Bacteria and yeasts: 6% 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)

#### 4.6.1 Use-specific instructions for use

-

#### 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.

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.

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

-

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

-

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

-

#### 4.7 Use description

##### Use 7 - Disinfection of hard surfaces and equipment by manual dipping/soaking– Professionals - PT4 – Soluble concentrate (Use 11)

**Product type**

PT04 - Food and feed area (Disinfectants)

**Where relevant, an exact description of the authorised use**

-

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

Scientific name:  
Common name: Bacteria  
Development stage:

Scientific name:

Common name: Yeasts  
Development stage:

**Field(s) of use**

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

**Application method(s)**

Method: Dipping/Soaking  
Detailed description:  
Manual dipping/soaking.

**Application rate(s) and frequencies**

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

- Bacteria and yeasts: 25% v/v, 15 minutes.
- Bacteria and yeasts: 20% v/v, 30 minutes.

  
At a temperature of 40°C:  

- Bacteria and yeasts: 6% v/v, 15 minutes.

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

100mL to 2L HDPE/PET Bottle  
1L HDPE Bottle with handle  
1L LDPE Dosing bottle  
1L HDPE Dosing bottle  
1 to 5 L HDPE Pouch  
5L HDPE Jerrican with distributor pump  
5-10-20L LDPE/PET Bag in box (cubitainer)  
5 to 30L HDPE Jerrican  
60-220L HDPE Drum

1000L HDPE Bulk container (IBC)

#### 4.7.1 Use-specific instructions for use

-

#### 4.7.2 Use-specific risk mitigation measures

- The professional user has to wear gloves, coverall and goggles (material to be specified by the authorisation holder within the product information) during the mixing and loading, the application and the rinsing.
- Do not immerse hands in the bath.
- Let the equipment soak for the necessary time in the bath of cleaning/disinfectant solution, then empty the bath, and finish by rinsing without touching the equipment that has remained in the tank.

#### 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

-

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

-

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

-

#### 4.8 Use description

**Use 8 - 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: 25% v/v, 15 minutes.</li> <li>- Bacteria and yeasts: 20% v/v, 30 minutes.</li> </ul> <p>At a temperature of 40°C:</p> <ul style="list-style-type: none"> <li>- Bacteria and yeasts: 6% v/v, 15 minutes.</li> </ul>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p>100mL to 2L HDPE/PET Bottle</p> <p>1L HDPE Bottle with handle</p> <p>1L LDPE Dosing bottle</p>

1L HDPE Dosing bottle

1 to 5 L HDPE Pouch

5L HDPE Jerrican with distributor pump

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

-

#### 4.8.2 Use-specific risk mitigation measures

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

- Pour the solution direct on the surface and wipe with a cloth / brush for wiping activities
- A mop/brush with a handle has to be used to apply the in-use solution
- Do not immerse hands in the solution

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.

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

-

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

-

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

-

**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.
  - During the product dilution, pour almost all water first, then the product, then the remaining of the water.

**5.2. Risk mitigation measures**

-

**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

-