

# Summary of product characteristics for a biocidal product

**Product name:** Product 2-4 - Quaron

**Product type(s):** PT03 - Veterinary hygiene (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

**Authorisation number:** FR-2023-0055

**R4BP 3 asset reference number:** FR-0030925-0010

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## Administrative information

### 1.1. Trade names of the product

Product 2-4 – QUARON
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### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	STOCKMEIER FRANCE SAS
Address	3 rue de la Buhotière 35091 RENNES France
Authorisation number	FR-2023-0055 1-2

**R4BP 3 asset reference number**

FR-0030925-0010
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**Date of the authorisation**

20/09/2023
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**Expiry date of the authorisation**

19/09/2033
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### 1.3. Manufacturer(s) of the biocidal products

**Name of the manufacturer**

QUARON SAS
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**Address of the manufacturer**

3 rue de la Buhotière – Saint-Jacques de la Lande - BP 89 152 F-35091 Rennes CEDEX 9 France
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**Location of manufacturing sites**

3 rue de la Buhotière F-35136 Saint-Jacques de la Lande France France
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Rue des Criquiers F-60220 Formerie 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>	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

<b>Active substance</b>	1322 - L-(+)-lactic acid
<b>Name of the manufacturer</b>	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

<b>Active substance</b>	1322 - L-(+)-lactic acid
<b>Name of the manufacturer</b>	Purac Bioquimica sa
<b>Address of the manufacturer</b>	Gran Arkelsedijk 46 4206 AC Gorinchem Netherlands
<b>Location of manufacturing sites</b>	Gran Arkelsedijk 46 4206 AC Gorinchem Netherlands

## 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	10,26

## 2.2. Type of formulation

AL - Any other liquid

## 3. Hazard and precautionary statements

### Hazard statements

Causes serious eye damage.  
Contains Carvone and d-limonene. May produce an allergic reaction.

### Precautionary statements

Wear eye protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical attention.  
Immediately call a POISON CENTER/doctor/....

## 4. Authorised use(s)

### 4.1 Use description

**Use 1 - Use # 9 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual dipping with a thick liquid**

#### Product type

PT03 - Veterinary hygiene (Disinfectants)

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

Non-medical teat disinfection.

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

Scientific name:  
Common name: Bacteria  
Development stage:  
  
Scientific name:  
Common name: Yeasts  
Development stage:  
  
Scientific name:  
Common name: Enveloped viruses  
Development stage:

#### Field(s) of use

Indoor  
Disinfection of teats of milk producing animals

#### Application method(s)

Method: Open system: dip treatment  
Detailed description:

	Manual thick liquid dipping after milking.
<b>Application rate(s) and frequencies</b>	<p>Application Rate: - cows and buffaloes: 3 to 10ml -sheep: 1.5 to 5 ml -goats: 2.5 to 6 ml  Dilution (%): No dilution. Ready-to-use product  Number and timing of application:</p> <ul style="list-style-type: none"> <li>- cows and buffaloes: 2 to 3 times per day for post-milking disinfection</li> <li>- sheep and goats: 1 to 2 times per day for post-milking disinfection</li> </ul> <p>Contact time: 5 minutes  Ambient temperature</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	1L HDPE Bottle 5L HDPE Jerrican 10L HDPE Jerrican 20L HDPE Jerrican 22L HDPE Jerrican 60L HDPE Drum 220L HDPE Drum 1000L HDPE Container

#### 4.1.1 Use-specific instructions for use

<ul style="list-style-type: none"> <li>- Fill manually the clean and dry 300 ml dipping cup with the 225ml of the ready to use product.</li> <li>- Squeeze three to six times the dip cup reservoir to make the thick liquid product rise into the 2/3 of the dipping cup reservoir.</li> <li>- Apply by dipping manually on animal's teats on the full length of the teat after milking.</li> <li>- For post-milking application, leave the product until next milking. Keep the cows standing until the product has dried (at least 5 minutes). At the next milking, clean the teats with a a single use paper or a towel.</li> <li>- Clean the application equipment regularly with water.</li> </ul>
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#### 4.1.2 Use-specific risk mitigation measures

The professional user has to wear chemical goggles during loading, application by dipping and cleaning of the equipment.
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#### 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 - Use # 10 - Teat disinfection of milkable animals: Post-milking teat disinfection by semi-automated dipping with a thick liquid**

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Non-medical teat disinfection.
<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> <p>Scientific name: Common name: Enveloped viruses Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Disinfection of teats of milk producing animals</p>
<b>Application method(s)</b>	<p>Method: Open system: dip treatment Detailed description: Semi-automated liquid dipping after milking</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: Cows and buffaloes: 3 to 10ml - sheep:1.5 to 5 ml - goats: 2.5 to 6 ml Dilution (%): No dilution. Ready-to-use product Number and timing of application:</p> <ul style="list-style-type: none"> <li>- cows and buffaloes: 2 to 3 times per day for post-milking disinfection</li> <li>- sheep and goats: 1 to 2 times per day for post-milking disinfection</li> </ul> <p>Contact time: 5 minutes Ambient temperature</p>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p>1L HDPE Bottle 5L HDPE Jerrican 10L HDPE Jerrican 20L HDPE Jerrican 22L HDPE Jerrican</p>

60L HDPE Drum  
220L HDPE Drum  
1000L HDPE Container

#### 4.2.1 Use-specific instructions for use

- Connect the container to the semi-automated dipping equipment.
- Press the trigger to fill the dipping cup reservoir with the thick liquid product.
- Apply by dipping manually on animal's teats on the full length of the teat after milking.
- For post-milking application, leave the product until next milking. Keep the animals standing at least 5 minutes. At the next milking, clean the teats with a single use paper or a towel.
- Clean the application equipment regularly with water.

#### 4.2.2 Use-specific risk mitigation measures

The professional user has to wear chemical goggles and gloves during loading, application by dipping and cleaning of the equipment.

#### 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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### 5. General directions for use

#### 5.1. Instructions for use



- Comply with the instructions for use.
- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- Inform the registration holder if the treatment is ineffective.
- The product must be brought to a temperature above 20° before use

## 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 INHALED: If symptoms occur call a POISON CENTRE or a doctor.
- 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 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

## 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

- Do not store above 40°C.
- After storage, shake before use.
- Shelf-life : 2 years

## 6. Other information

