

# Summary of product characteristics for a biocidal product

**Product name:** ANTI-GERM IO-SPRAY-27

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

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**Authorisation number:** IE/BPA 70450

**R4BP 3 asset reference number:** IE-0021581-0002

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## Administrative information

### 1.1. Trade names of the product

ANTI-GERM IO-SPRAY-27
PRIMIOD
BONIMAL DIP SPRAY
UDDER DIP SPRAY

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	HYPRED SAS
	Address	55, boulevard Jules Verger 35803 DINARD France
<b>Authorisation number</b>	IE/BPA 70450 1-2	

<b>R4BP 3 asset reference number</b>	IE-0021581-0002
<b>Date of the authorisation</b>	11/10/2019
<b>Expiry date of the authorisation</b>	28/03/2029

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

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

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	ANTI-GERM INTERNATIONAL GmbH
<b>Address of the manufacturer</b>	Oberbrühlstr. 16-18 87700 MEMMINGEN Germany
<b>Location of manufacturing sites</b>	S.C.M. Cosayach Cala Cala unknown Pozo Almonte Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	ANTI-GERM INTERNATIONAL GmbH
<b>Address of the manufacturer</b>	Oberbrühlstr. 16-18 87700 MEMMINGEN Germany
<b>Location of manufacturing sites</b>	Lagunas mine unknown Pozo Almonte Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	ANTI-GERM INTERNATIONAL GmbH
<b>Address of the manufacturer</b>	Oberbrühlstr. 16-18 87700 MEMMINGEN Germany
<b>Location of manufacturing sites</b>	Nueva Victoria plant unknown unknown Chile
	Pedro de Valdivia plant unknown unknown Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	Ise Chemicals Corporation
<b>Address of the manufacturer</b>	3-1, Kyobashi 1-Chome, Chuo-Ku unknown Tokyo Japan
<b>Location of manufacturing sites</b>	Shirasato Plant, 3695 Kitaimaizumi unknown Oamishirasato City, Chiba Japan

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	Atacama Minerals SCM
<b>Address of the manufacturer</b>	Coronel Pereira No 72 Of. 701, Las Condes unknown Santiago Chile
<b>Location of manufacturing sites</b>	Agua Blancas Facility unknown Antofagasta Chile

## 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 (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27
Phosphoric acid	orthophosphoric acid	Non-active substance	7664-38-2	231-633-2	0
Laureth-11 carboxylic acid	Polyethylene glycol carboxymethyl dodecyl ether	Non-active substance	27306-90-7		0
Butyl diglycol	2-(2-Butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0
Alcohols, C12-15-branched and linear, ethoxylated propoxylated	-	Non-active substance	120313-48-6		0
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), $\alpha$ -tridecyl- $\omega$ -hydroxy-, branched	Non-active substance	69011-36-5		0,988
1-Decanol, ethoxylated (8 EO)	1-Decanol, ethoxylated	Non-active substance	26183-52-8		0,9

### 2.2. Type of formulation

Any other liquid (ready-to-use)

## 3. Hazard and precautionary statements

### Hazard statements

Causes serious eye irritation.  
Harmful to aquatic life with long lasting effects.

**Precautionary statements**

Wash hands thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Avoid release to the environment.

**4. Authorised use(s)****4.1 Use description****Use 1 - Use 2.1 – Teat disinfection of milkable animals: Post-milking teat disinfection by manual dipping****Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

not relevant

**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

Outdoor

Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking

**Application method(s)**

Method: Manual dipping using a dip cup  
Detailed description:

-

**Application rate(s) and frequencies**

Application Rate: Application rates: Cows and buffaloes: 8 - 10 mL/treatment Sheep: 4 – 5 mL/treatment Goats: 5 – 6 mL/treatment  
Dilution (%): 0  
Number and timing of application:  
Application frequency:  
Post-milking application: 1 – 3x/day (after each milking)

**Category(ies) of users**

Professional

## Pack sizes and packaging material

Jerrycan (HDPE): 1-35 kg  
Drum (HDPE): 35-240 kg  
IBC (HDPE): 1000 kg

### 4.1.1 Use-specific instructions for use

- 1) A no-spill dip cup should be used for manual teat dipping.
- 2) Fill the reservoir with the RTU product and screw the dip cup on top.
- 3) The product must be brought to a temperature above 20 °C before use.
- 4) Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.
- 5) After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that the full length of the teat (3-5 cm) is immersed into the disinfectant.
- 6) Top up with fresh disinfectant as needed.
- 7) Keep the animals standing for at least five minutes after treatment. Leave the product on the teats until next milking.
- 8) After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

### 4.1.2 Use-specific risk mitigation measures

- 1) The following personal risk mitigation measures shall be applied unless they can be replaced by technical and / or organisational measures:  
The use of eye protection during handling of the product is mandatory.
- 2) The use of a dosing pump for filling the product into the application equipment is recommended.

### 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 2.2 – Teat disinfection of milkable animals: Post-milking teat disinfection by manual foaming

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	not relevant
<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  Outdoor  Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking
<b>Application method(s)</b>	Method: Manual foaming using a foam cup Detailed description: -
<b>Application rate(s) and frequencies</b>	Application Rate: Cows and buffaloes: 4 - 5 mL/treatment Sheep: 2 – 2.5 mL/treatment Goats: 2.5 – 3 mL/treatment Dilution (%): 0 Number and timing of application: Application frequency: Post-milking application: 1 – 3x/day (after each milking)
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

### 4.2.1 Use-specific instructions for use

- 1) Fill the reservoir with the RTU product and screw the foam cup on top.
- 2) The product must be brought to a temperature above 20 °C before use.
- 3) Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.
- 4) After milking, squeeze the reservoir and put the foam cup over each teat from below making sure that the full length of the teat (3-5 cm) is immersed into the disinfectant.
- 5) Top up with fresh disinfectant as needed.
- 6) Keep the animals standing for at least five minutes after treatment. Leave the product on the teats until next milking.
- 7) After disinfection, empty the reservoir and clean reservoir and foam cup by rinsing with water.



#### 4.2.2 Use-specific risk mitigation measures

- 1) The following personal risk mitigation measures shall be applied unless they can be replaced by technical and / or organisational measures:  
The use of eye protection during handling of the product is mandatory.

2) The use of a dosing pump for filling the product into the application equipment is recommended.

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

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

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

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### 4.3 Use description

#### Use 3 - Use 2.3 – Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using a trigger sprayer

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

not relevant

**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

Outdoor

Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking

<b>Application method(s)</b>	Method: Manual spraying using a trigger sprayer Detailed description: -
<b>Application rate(s) and frequencies</b>	Application Rate: Cows and buffaloes: 12 – 15 mL/treatment Sheep: 6 – 7.5 mL/treatment Goats: 7 – 9 mL/treatment Dilution (%): 0 Number and timing of application: Application frequency: Post-milking application: 1 – 3x/day (after each milking)
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

#### 4.3.1 Use-specific instructions for use

<ol style="list-style-type: none"> <li>1) Fill the reservoir with the RTU product and screw the top of the trigger sprayer on it.</li> <li>2) The product must be brought to a temperature above 20 °C before use.</li> <li>3) Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.</li> <li>4) After milking, spray the disinfectant on the teats using the trigger sprayer making sure that the full length of the teat (3-5 cm) is covered with the disinfectant.</li> <li>5) Top up with fresh disinfectant as needed.</li> <li>6) Keep the animals standing for at least five minutes after treatment. Leave the product on the teats until next milking.</li> <li>7) After disinfection, empty the reservoir and clean reservoir and trigger sprayer by rinsing with water.</li> </ol>
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#### 4.3.2 Use-specific risk mitigation measures

<ol style="list-style-type: none"> <li>1) The following personal risk mitigation measures shall be applied unless they can be replaced by technical and / or organisational measures: <ol style="list-style-type: none"> <li>a) The use of eye protection during handling of the product is mandatory.</li> <li>b) Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).</li> </ol> </li> <li>2) The use of a dosing pump for filling the product into the application equipment is recommended.</li> </ol>
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#### 4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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

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

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#### 4.4 Use description

##### Use 4 - Use 2.4 – Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using an electronic sprayer

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	not relevant
<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  Outdoor  Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking
<b>Application method(s)</b>	Method: Manual spraying using an electronic sprayer Detailed description: -
<b>Application rate(s) and frequencies</b>	Application Rate: Cows and buffaloes: 12 – 15 mL/treatment Sheep: 6 – 7.5 mL/treatment Goats: 7 – 9 mL/treatment Dilution (%): 0 Number and timing of application: Application frequency: Post-milking application: 1 – 3x/day (after each milking)
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

#### 4.4.1 Use-specific instructions for use

- 1) Open a can containing the RTU product and insert a sucking lance of the electronic sprayer.
- 2) The product must be brought to a temperature above 20 °C before use.
- 3) Clean carefully the teats by wiping with a single service paper towel/cloth before milking.
- 4) After milking, spray the disinfectant on the teats using the electronic sprayer making sure that the full length of the teat (3-5 cm) is covered with the disinfectant.
- 5) Replace the empty can by a new can containing the RTU product as needed.
- 6) Keep the animals standing for at least five minutes after treatment. Leave the product on the teats until next milking.
- 6) After disinfection, put the sucking lance system into a bucket of water and rinse the sprayer by pumping the water through the sprayer.

#### 4.4.2 Use-specific risk mitigation measures

- 1) The following personal risk mitigation measures shall be applied unless they can be replaced by technical and / or organisational measures:  
The use of eye protection during handling of the product is mandatory.
- 2) The use of a dosing pump for filling the product into the application equipment is recommended.

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

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

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

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#### 4.5 Use description

##### Use 5 - Use 2.5 – Teat disinfection of milkable animals: Post-milking teat disinfection by automated spraying by robot

##### Product type

PT03 - Veterinary hygiene (Disinfectants)

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

not relevant

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

Scientific name: --  
Common name: Bacteria  
Development stage: -

Scientific name: --

	Common name: Yeasts Development stage: -
<b>Field(s) of use</b>	Indoor  Outdoor  Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking
<b>Application method(s)</b>	Method: Automated spraying by robot Detailed description: -
<b>Application rate(s) and frequencies</b>	Application Rate: Cows and buffaloes: 12 – 15 mL/treatment Sheep: 6 – 7.5 mL/treatment Goats: 7 – 9 mL/treatment Dilution (%): 0 Number and timing of application: Application frequency: Post-milking application: 1 – 3x/day (after each milking)
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

#### 4.5.1 Use-specific instructions for use

- 1) Open a can containing the RTU product and insert a sucking lance of the robotic milking device.
- 2) The product must be brought to a temperature above 20 °C before use.
- 3) The teats are cleaned by robot with automatic brushes.
- 4) After robotic milking, the disinfectant is sprayed automatically onto the teats from a cluster arm.
- 5) Keep the animals standing for at least five minutes after treatment. Leave the product on the teats until next milking.
- 6) Rinsing of the automatic sprayer is done fully automated.

#### 4.5.2 Use-specific risk mitigation measures

The use of a dosing pump for filling the product into the application equipment is required.

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

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

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

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### 5. General directions for use

#### 5.1. Instructions for use

see use-specific instructions for use

#### 5.2. Risk mitigation measures

- 1) Keep out of reach of children.
- 2) When pre-milking disinfection is also performed, then disinfection should be done with a product based on another active substance (not iodine).

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

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 advice/attention.  
In case of spillage or leakage contain and collect product for disposal. Disposal must comply with local requirements.

#### 5.4. Instructions for safe disposal of the product and its packaging

- 1) At the end of the treatment, dispose unused product, used paper towels and the packaging in accordance with local requirements.
- 2) Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements.
- 3) Avoid release to an individual waste water treatment plant.

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

- 1) Do not store at temperatures above 30oC.
- 2) Shelf-life of 18 months.

## 6. Other information

Due to technical deficits of the SPC editor I have to list the following points currently at this point of the SPC:

Precautionary statements:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/eye protection.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/containers in accordance with local/regional/national/international regulation.