

Summary of product characteristics for a biocidal product family

Family name: ANTI-GERM IODINE BASED DISINFECTANTS PRODUCT FAMILY

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

Authorisation number: IE/BPA 70450

R4BP 3 asset reference number: IE-0021581-0000

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Part I.- First information level

1. Administrative information

1.1. Family name

ANTI-GERM IODINE BASED DISINFECTANTS PRODUCT FAMILY

1.2. Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

1.3. Authorisation holder

Name and address of the authorisation holder

Name	HYPRED SAS
Address	55, boulevard Jules Verger 35803 DINARD France

Authorisation number

IE/BPA 70450

R4BP 3 asset reference number

IE-0021581-0000

Date of the authorisation

11/10/2019

Expiry date of the authorisation

28/03/2029

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

ANTI-GERM Deutschland GmbH

Address of the manufacturer

Oberbrühlstrasse 16-18 87700 Memmingen Germany

Location of manufacturing sites

Oberbrühlstrasse 16-18 87700 Memmingen Germany

Name of the manufacturer	AG France SAS
Address of the manufacturer	Zone industrielle Le Roineau 72500 Vaas France
Location of manufacturing sites	Zone industrielle Le Roineau 72500 Vaas France

1.5. Manufacturer(s) of the active substance(s)

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

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

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

Active substance	1319 - Iodine
Name of the manufacturer	Ise Chemicals Corporation
Address of the manufacturer	3-1, Kyobashi 1-Chome, Chuo-Ku unknown Tokyo Japan
Location of manufacturing sites	Shirasato Plant, 3695 Kitaimaizumi unknown Oamishirasato City, Chiba Japan
Active substance	1319 - Iodine
Name of the manufacturer	Atacama Minerals SCM
Address of the manufacturer	Coronel Pereira No 72 Of. 701, Las Condes unknown Santiago Chile
Location of manufacturing sites	Agua Blancas Facility unknown Antofagasta Chile

2. Product family composition and formulation

2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27 - 2
Phosphoric acid	orthophosphoric acid	Non-active substance	7664-38-2	231-633-2	0 - 9,12
Laureth-11 carboxylic acid	Polyethylene glycol carboxymethyl dodecyl ether	Non-active substance	27306-90-7		0 - 6,66
Butyl diglycol	2-(2-Butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	0 - 6
Alcohols, C12-15-branched and linear, ethoxylated propoxylated	-	Non-active substance	120313-48-6		0 - 2
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-, branched	Non-active substance	69011-36-5		0 - 0,9945
1-Decanol, ethoxylated (8 EO)	1-Decanol, ethoxylated	Non-active substance	26183-52-8		0 - 0,9

2.2. Type(s) of formulation

SL - Soluble concentrate

Any other liquid (ready-to-use)

Part II.- Second information level - meta SPC(s)

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta-SPC 1

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27 - 0,27

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

Any other liquid (ready-to-use)

3. Hazard and precautionary statements of the meta SPC

Hazard statements	Harmful to aquatic life with long lasting effects.
Precautionary statements	Avoid release to the environment.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Use 1.1: 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

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

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 foaming using a foam cup Detailed description: -
Application rate(s) and frequencies	Application Rate: Application rates: 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)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

4.2.1 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

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

-

4.3 Use description

Use 3 - Use 1.3 - 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
Application method(s)	Method: Manual spraying using a trigger sprayer Detailed description: -
Application rate(s) and frequencies	Application Rate: Application rates: 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)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

4.3.1 Use-specific instructions for use

- 1) Fill the reservoir with the RTU product and screw the top of the trigger sprayer on it.
- 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, 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.
- 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 trigger sprayer by rinsing with water.

4.3.2 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:
Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- 2) The use of a dosing pump for filling the product into the application equipment is recommended.

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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 1.4 – Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using an electronic 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
Application method(s)	Method: Manual spraying using an electronic sprayer Detailed description: -

Application rate(s) and frequencies

Application Rate: Application rates: 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)

Category(ies) of users

Professional

Pack sizes and packaging material

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

4.4.1 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

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

-

4.5 Use description

Use 5 - Use 1.5 – 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: -
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: Automated spraying by robot Detailed description: -
Application rate(s) and frequencies	Application Rate: Application rates: 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)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg

IBC (HDPE): 1000 kg

4.5.1 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

-

5. General directions for use of the meta SPC

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

- 1) In case of spillage or leakage contain and collect product for disposal.
- 2) 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 month.

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

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

ANTI-GERM IO-SPRAY

Market area: IE

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

IE-0021581-0001 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta-SPC 2

1.2. Suffix to the authorisation number

1-2

1.3 Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27 - 0,27
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-, branched	Non-active substance	69011-36-5		0,9815 - 0,9945
1-Decanol, ethoxylated (8 EO)	1-Decanol, ethoxylated	Non-active substance	26183-52-8		0,8 - 0,9

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

Any other liquid (ready-to-use)

3. Hazard and precautionary statements of the meta SPC

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) of the meta SPC

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

	<p>Development stage: -</p> <p>Scientific name: -- Common name: Yeasts Development stage: -</p>
Field(s) of use	<p>Indoor</p> <p>Outdoor</p> <p>Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking</p>
Application method(s)	<p>Method: Manual dipping using a dip cup Detailed description: -</p>
Application rate(s) and frequencies	<p>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)</p>
Category(ies) of users	<p>Professional</p>
Pack sizes and packaging material	<p>Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg</p>

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

-

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

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	<p>Scientific name: -- Common name: Bacteria Development stage: -</p> <p>Scientific name: -- Common name: Yeasts Development stage: -</p>
Field(s) of use	<p>Indoor</p> <p>Outdoor</p> <p>Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking</p>
Application method(s)	<p>Method: Manual foaming using a foam cup Detailed description: -</p>

Application rate(s) and frequencies

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)

Category(ies) of users

Professional

Pack sizes and packaging material

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

4.2.1 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

-

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 - 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
Application method(s)	Method: Manual spraying using a trigger sprayer Detailed description: -
Application rate(s) and frequencies	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)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

4.3.1 Use-specific instructions for use

- 1) Fill the reservoir with the RTU product and screw the top of the trigger sprayer on it.
- 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, 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.
- 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 trigger sprayer by rinsing with water.

4.3.2 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:
 - a) The use of eye protection during handling of the product is mandatory.
 - b) Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
- 2) The use of a dosing pump for filling the product into the application equipment is recommended.

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

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	<p>Scientific name: -- Common name: Bacteria Development stage: -</p> <p>Scientific name: -- Common name: Yeasts Development stage: -</p>
Field(s) of use	<p>Indoor</p> <p>Outdoor</p> <p>Disinfection for veterinary hygiene: teat disinfection for milkable animals (dairy cows, buffaloes, sheep and goats) for use after milking</p>
Application method(s)	<p>Method: Manual spraying using an electronic sprayer Detailed description: -</p>
Application rate(s) and frequencies	<p>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)</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg</p>

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

-

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

-

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: -

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: Automated spraying by robot Detailed description: -
Application rate(s) and frequencies	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)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 1-35 kg Drum (HDPE): 35-240 kg IBC (HDPE): 1000 kg

4.5.1 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

-

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

-

5. General directions for use of the meta SPC

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 30°C.
- 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.

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

ANTI-GERM IO-SPRAY-27	Market area: IE
PRIMIOD	Market area: IE
BONIMAL DIP SPRAY	Market area: IE
UDDER DIP SPRAY	Market area: IE

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

IE-0021581-0002 1-2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -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

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta-SPC 3

1.2. Suffix to the authorisation number

1-3

1.3 Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27 - 0,27

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

Any other liquid (ready-to-use)

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Harmful to aquatic life with long lasting effects.

Precautionary statements

Avoid release to the environment.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Use 3.1 – 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: Cows and buffaloes: 8 - 10 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

-

4.1.2 Use-specific risk mitigation measures

--

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

-

5. General directions for use of the meta SPC

5.1. 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.

5.2. Risk mitigation measures

- 1) The use of a dosing pump for filling the product into the application equipment is recommended.
- 2) Keep out of reach of children.
- 3) 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

- 1) In case of spillage or leakage contain and collect product for disposal.
- 2) 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 30°C.
- 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:

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

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	ANTI-GERM IO-FILM	Market area: IE
Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small>	IE-0021581-0003 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27

Trade name(s)	ANTI-GERM IO-BAR	Market area: IE
Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small>	IE-0021581-0004 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta-SPC 4

1.2. Suffix to the authorisation number

1-4

1.3 Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27 - 0,27
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-, branched	Non-active substance	69011-36-5		0,9815 - 0,9945
1-Decanol, ethoxylated (8 EO)	1-Decanol, ethoxylated	Non-active substance	26183-52-8		0,8 - 0,9

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

Any other liquid (ready-to-use)

3. Hazard and precautionary statements of the meta SPC**Hazard statements**

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

Precautionary statements

Wash hands thoroughly after handling. Wear eye protection. 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) of the meta SPC**4.1 Use description****Use 1 - Use 4.1 – 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: Cows and buffaloes: 8 - 10 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

-

4.1.2 Use-specific risk mitigation measures

-

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

-

5. General directions for use of the meta SPC

5.1. 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.

5.2. 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.
- 3) Keep out of reach of children.
- 4) 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 30°C.
- 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

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

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

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	ANTI-GERM IO-FILM-27	Market area: IE
	PRIMAFILM	Market area: IE
	BONIMAL DIP FILM	Market area: IE
	UDDER WRAP	Market area: IE
Authorisation number (R4BP 3 asset reference number - National Authorisation)	IE-0021581-0005 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -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

Trade name(s)

ANTI-GERM IO-BAR-27	Market area: IE
BONIMAL DIP BAR	Market area: IE
UDDER BARRIER	Market area: IE
Authorisation number (R4BP 3 asset reference number - National Authorisation) IE-0021581-0006 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,27
Isotridecanol, ethoxylated	Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -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

1. Meta SPC administrative information**1.1. Meta SPC identifier**

meta-SPC 5

1.2. Suffix to the authorisation number

1-5

1.3 Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	2 - 2
Phosphoric acid	orthophosphoric acid	Non-active substance	7664-38-2	231-633-2	7,992 - 9,12
Laureth-11 carboxylic acid	Polyethylene glycol carboxymethyl dodecyl ether	Non-active substance	27306-90-7		6,46 - 6,66
Butyl diglycol	2-(2-Butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	5 - 6
Alcohols, C12-15-branched and linear, ethoxylated propoxylated	-	Non-active substance	120313-48-6		1,8 - 2

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

SL - Soluble concentrate

3. Hazard and precautionary statements of the meta SPC

Hazard statements

May be corrosive to metals.
Causes skin irritation.
Causes serious eye damage.
Harmful to aquatic life with long lasting effects.

Precautionary statements

IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Keep only in original packaging.

Wash hands thoroughly after handling.

Take off contaminated clothing. And wash it before reuse.

Avoid release to the environment.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Use 5.1 – Disinfection of animal houses by manual spraying

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	<p>Scientific name: -- Common name: Bacteria Development stage: -</p> <p>Scientific name: -- Common name: Yeasts Development stage: -</p> <p>Scientific name: -- Common name: Viruses Development stage: -</p>
Field(s) of use	<p>Indoor</p> <p>Disinfection for veterinary hygiene: Disinfection of clean non-porous surfaces in animal houses of sows, fattening pigs and poultry (laying hens, broilers, turkeys, ducks and geese)</p>
Application method(s)	<p>Method: Manual spraying Detailed description: -</p>
Application rate(s) and frequencies	<p>Application Rate: Application rates (all under application frequency listed animal species): 400 mL/m² Dilution (%): Target Organism Bacteria 1 % dilution of the concentrate (one part of concentrate to 100 parts of water, i.e. 0,02 % available iodine) Contact time: 30 min Yeast 1 % dilution of the concentrate (one part of concentrate to 100 parts of water, i.e. 0,02 % available iodine) Contact time: 60 min Viruses: 2% dilution of the concentrate (one part of concentrate to 50 parts of water, i.e. 0,04 % available iodine) Contact time: 60 min Number and timing of application: Application frequency: - Sows in individual pens::8/year -Sows in groups: 1/year - Fattening pigs: 2/year</p>

	<ul style="list-style-type: none"> - Laying hens: 1/year - Broilers: 1-8/year - Turkeys: 2/year - Ducks: 10/year - Geese: 2/year
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

Avoid contamination of feed, water, feeding and drinking equipment during application of the product.

4.1.2 Use-specific risk mitigation measures

-

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

-

5. General directions for use of the meta SPC

5.1. Instructions for use

- 1) Decant or pump the concentrated product and dilute with water to yield an in-use solution of 1% (bacteria and yeast) or 2% (viruses) of the concentrate.
- 2) Fill the reservoir of the knapsack sprayer (low pressure spray) with the diluted concentrate.
- 3) Clean surfaces before application of the product.
- 4) Spray the disinfectant making sure surfaces are thoroughly wetted and leave to dry. The contact time should be at least 30 minutes (bacteria) or 60 minutes (yeast, viruses) respectively.
- 5) After disinfection, empty the reservoir and clean reservoir and the spray equipment by rinsing with water.

5.2. Risk mitigation measures

- 1) The following personal risk mitigation measures shall be applied unless they can be replaced by technical and / or organisational measures:
 - a) The use of eye protection during handling of the product is mandatory.
 - b) Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
 - c) A protective coverall (at least type 6, EN 13034) shall be worn.
- 2) Apply biocidal product in the absence of livestock animals. Wait until treated areas are dried before re-entry of livestock animals.
- 3) No access to treated areas for uninvolved third parties (general public) and pets until surfaces are dried.
- 4) Keep out of reach of children.

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.
IF ON SKIN: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
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) Keep only in original container.
- 3) Store in a corrosive resistant container with a resistant inner liner.
- 4) Shelf-life: 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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P310 Immediately call a POISON CENTER/doctor/... ..(Manufacturer/supplier to specify the appropriate source of emergency medical advice.)

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

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	GERMICIDAN(R) IODES	Market area: IE
	Desintec FI-Jodes	Market area: IE
	BONIMAL IODES	Market area: IE
Authorisation number	IE-0021581-0007 1-5	
(R4BP 3 asset reference number - National Authorisation)		

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	2
Phosphoric acid	orthophosphoric acid	Non-active substance	7664-38-2	231-633-2	9
Laureth-11 carboxylic acid	Polyethylene glycol carboxymethyl dodecyl ether	Non-active substance	27306-90-7		6,56
Butyl diglycol	2-(2-Butoxyethoxy)ethanol	Non-active substance	112-34-5	203-961-6	6
Alcohols, C12-15-branched and linear, ethoxylated propoxylated	-	Non-active substance	120313-48-6		2