

# Summary of product characteristics for a biocidal product

**Product name:** Deosan Activate PVP Plus AG215

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

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**Authorisation number:** EU-0019228-0000

**R4BP 3 asset reference number:** EU-0019228-0005

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## Administrative information

### 1.1. Trade names of the product

Deosan Activate PVP Plus AG215
Deosan Activate PVP Plus
Agros Iodo-Prev POS-Ordenha
Deosan Hitech 2 AG214
Iodine Teat Dip Solution

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	Diversey Europe Operations B.V.
	Address	Maarssebroeksedijk 2 3542 DN Utrecht Netherlands
<b>Authorisation number</b>	EU-0019228-0000 1-2	
<b>R4BP 3 asset reference number</b>	EU-0019228-0005	
<b>Date of the authorisation</b>	03/04/2019	
<b>Expiry date of the authorisation</b>	31/03/2029	

### 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>	ACF Minera S.A.
<b>Address of the manufacturer</b>	San Martin No 499 1100000 Iquique Chile
<b>Location of manufacturing sites</b>	Lagunas mine 118 0000 Pozo Almonte Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	Sociedad Quimica y Minera (SQM) S.A.
<b>Address of the manufacturer</b>	Los Militares 4290, Piso 4, Las Condes 8320000 Santiago Chile
<b>Location of manufacturing sites</b>	Nueva Victoria plant 5090000 Pedro de Valdivia plant Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	Cosayach Nitratos S.A.
<b>Address of the manufacturer</b>	Hnos Amunátegui 178 8320000 Santiago Chile
<b>Location of manufacturing sites</b>	S.C.M. Cosayach Cala Cala 118 0000 Pozo Almonte Chile

<b>Active substance</b>	1319 - Iodine
<b>Name of the manufacturer</b>	Nihon Tennen Gas Development Co., Ltd.
<b>Address of the manufacturer</b>	Chiba Plant, 2508 Minami-Hinata, Shirako-Machi, Chosei-Gun 299-4205 Chiba Japan
<b>Location of manufacturing sites</b>	Chiba Plant, 2508 Minami-Hinata, Shirako-Machi, Chosei-Gun 299-4205 Chiba Japan

<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 104-0031 Tokyo Japan
<b>Location of manufacturing sites</b>	Shirasto Plant (3695 Kitaimaizumi, Oamishirasato City 299-3201 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 8320000 Santiago Chile
<b>Location of manufacturing sites</b>	Atacama Minerals SCM, Aguas Blancas Facility 3580000 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	0,3

### 2.2. Type of formulation

AL - Any other liquid
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## 3. Hazard and precautionary statements

<b>Hazard statements</b>	Harmful to aquatic life with long lasting effects.
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**Precautionary statements**

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

Keep out of reach of children.

Avoid release to the environment.

Dispose of contents to in accordance with national regulations.

Dispose of container to in accordance with national regulations.

## 4. Authorised use(s)

### 4.1 Use description

#### Use 1 - Use # 12 Pre-milking disinfection, manual dipping (RTU liquid)

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Bacteria Common name: other Development stage:</p> <p>Scientific name: Yeast Common name: other Development stage:</p>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Indoor</p>
<b>Application method(s)</b>	<p>Manual dipping -</p> <p>Teat disinfectant, for direct application to lactating animals pre milking</p> <p>Applied directly to animal teats pre-milking via manual dipping methods</p>
<b>Application rate(s) and frequencies</b>	<p>In use Iodine concentration of 3000mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -</p> <p>3 pre-milking applications, per animal, per day. Apply a maximum of 10 ml product/ animal /application</p>

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.1.1 Use-specific instructions for use**

Applied directly to animal teats pre-milking via manual dipping methods.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 pre-milking applications, per animal, per day.  
Apply a maximum of 10 ml product/ animal /application

**4.1.2 Use-specific risk mitigation measures**

See section 5 - General Directions for Use

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.2 Use description

##### Use 2 - Use # 13 – Pre-milking disinfection, manual foaming (RTU liquid)

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: other Development stage:  Scientific name: Yeast Common name: yeast Development stage:
<b>Field(s) of use</b>	Indoor  Indoor
<b>Application method(s)</b>	Manual foaming -  Teat disinfectant, for direct application to lactating animals pre milking Applied directly to animal teats pre-milking via manual foaming method.
<b>Application rate(s) and frequencies</b>	In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -  3 pre milking applications, per animal, per day. Apply a maximum of 5 ml product/ animal / application
<b>Category(ies) of users</b>	Professional



**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.2.1 Use-specific instructions for use**

Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
Apply directly to animal teats pre-milking via manual foaming application method.  
3 pre-milking applications, per animal, per day.  
Apply a maximum of 5 ml product/ animal /application

**4.2.2 Use-specific risk mitigation measures**

See section 5 - General Directions for Use

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.3 Use description

##### Use 3 - Use # 14 Pre-milking disinfection, manual spraying (RTU liquid)

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

-

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

Scientific name: Bacteria  
Common name: other  
Development stage:

Scientific name: Yeast  
Common name: yeast  
Development stage:

**Field(s) of use**

Indoor

indoor

**Application method(s)**

Manual spraying -

Teat disinfectant, for direct application to lactating animals pre milking

Applied directly to animal teats pre-milking via manual spraying method.

**Application rate(s) and frequencies**

In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -

3 pre milking applications, per animal, per day.  
Apply a maximum of 15 ml product/ animal/ application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister  
  
200 litre HDPE or f-HDPE drum  
  
950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.3.1 Use-specific instructions for use**

Applied directly to animal teats pre-milking via manual spraying method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 pre-milking applications, per animal, per day.  
Apply a maximum of 15 ml product/animal/application

**4.3.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information)

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.4 Use description

##### Use 4 - Use # 15 – Post-milking disinfection, manual dipping (RTU liquid)

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

-

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

Scientific name: Bacteria  
Common name: other  
Development stage:

Scientific name: Yeast  
Common name: yeast  
Development stage:

**Field(s) of use**

Indoor

Indoor

**Application method(s)**

Manual dipping -

Teat disinfectant, for direct application to lactating animals post milking  
Applied directly to animal teats post milking via manual dipping method.

**Application rate(s) and frequencies**

In use Iodine concentration of 3000mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -

3 post milking applications, per animal, per day.  
Apply a maximum of 10 ml product/ animal/ application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

#### 4.4.1 Use-specific instructions for use

Applied directly to animal teats post milking via manual dipping method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 post milking applications, per animal, per day.  
Apply a maximum of 10 ml product/animal/application

#### 4.4.2 Use-specific risk mitigation measures

See section 5 - General Directions for Use

#### 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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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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**

See section 5 - General Directions for Use
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**4.5 Use description**

**Use 5 - Use # 16 – Post-milking disinfection, manual foaming (RTU liquid)**

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: other Development stage:  Scientific name: Yeast Common name: yeast Development stage:
<b>Field(s) of use</b>	Indoor  Indoor
<b>Application method(s)</b>	Manual foaming -  Teat disinfectant, for direct application to lactating animals post milking Applied directly to animal teats post milking via manual foaming method.
<b>Application rate(s) and frequencies</b>	In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -  3 post milking applications, per animal, per day. Apply a maximum of 5 ml product/ animal / application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.5.1 Use-specific instructions for use**

Applied directly to animal teats post milking via manual foaming method.)

Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.

3 post milking applications, per animal, per day.

Apply a maximum of 5 ml product/ animal /application

**4.5.2 Use-specific risk mitigation measures**

See section 5 - General Directions for Use

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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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**

See section 5 - General Directions for Use
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**4.6 Use description**

**Use 6 - Use # 17 – Post-milking disinfection, manual spraying (RTU liquid)**

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: other Development stage:  Scientific name: Yeast Common name: yeast Development stage:
<b>Field(s) of use</b>	Indoor  Indoor
<b>Application method(s)</b>	Manual spraying -  Teat disinfectant, for direct application to lactating animals post milking Applied directly to animal teats post milking via manual spraying method.
<b>Application rate(s) and frequencies</b>	In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -  3 post milking applications, per animal, per day. Apply a maximum of 15 ml product/ animal / application



**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.6.1 Use-specific instructions for use**

Applied directly to animal teats post milking via manual spraying method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 post milking applications, per animal, per day.  
Apply a maximum of 15 ml product/ animal /application

**4.6.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information)

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.7 Use description

##### Use 7 - Use # 18 – Post-milking disinfection, automatic spraying (not to be combined with a pre-milking disinfection (RTU liquid))

###### Product type

PT03 - Veterinary hygiene (Disinfectants)

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

-

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

Scientific name: Bacteria  
Common name: other  
Development stage:

Scientific name: Yeast  
Common name: yeast  
Development stage:

###### Field(s) of use

Indoor

Indoor

###### Application method(s)

Automatic spraying -

Teat disinfectant, for direct application to lactating animals post milking  
Applied directly to animal teats post milking via automatic spraying method.

###### Application rate(s) and frequencies

In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -

5 post milking applications, per animal, per day. Not to be combined with iodine based pre-milking disinfection.

Apply a maximum of 15 ml product/ animal / application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.7.1 Use-specific instructions for use**

Applied directly to animal teats post milking via automatic spraying method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
5 post milking applications, per animal, per day. Not to be combined with iodine based pre-milking disinfection.  
Apply a maximum of 15 ml product/ animal /application

**4.7.2 Use-specific risk mitigation measures**

See section 5 - General Directions for Use

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.8 Use description

##### Use 8 - Use # 19 – Post-milking disinfection, semi-automatic dipping (RTU liquid)

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

-

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

Scientific name: Bacteria  
Common name: other  
Development stage:

Scientific name: Yeast  
Common name: yeast  
Development stage:

**Field(s) of use**

Indoor

Indoor

**Application method(s)**

Semi-automatic dipping -

Teat disinfectant, for direct application to lactating animals post milking  
Applied directly to animal teats post milking via semi-automatic dipping method.

**Application rate(s) and frequencies**

In use Iodine concentration of 3000mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -

3 post milking applications per animal, per day.  
Apply a maximum of 10 ml product/ animal / application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.8.1 Use-specific instructions for use**

Applied directly to animal teats post milking via semi-automatic dipping method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 post milking applications, per animal, per day.  
Apply a maximum of 10 ml product/ animal /application

**4.8.2 Use-specific risk mitigation measures**

See section 5 - General Directions for Use

**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**

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.9 Use description

##### Use 9 - Use # 20 – Pre and post milking disinfection, manual dipping (RTU liquid)

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: other Development stage:  Scientific name: Yeast Common name: yeast Development stage:
<b>Field(s) of use</b>	Indoor  Indoor
<b>Application method(s)</b>	Manual dipping -  Teat disinfectant, for direct application to lactating animals pre and post milking  Applied directly to animal teats pre and post milking via manual dipping methods
<b>Application rate(s) and frequencies</b>	In use Iodine concentration of 3000mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -  3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total). Apply a maximum of 10 ml product/ animal /application
<b>Category(ies) of users</b>	Professional

#### **Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

#### **4.9.1 Use-specific instructions for use**

Applied directly to animal teats pre-milking via manual dipping methods.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total).  
Apply a maximum of 10 ml product/ animal /application

#### **4.9.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information)

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

#### 4.10 Use description

##### Use 10 - Use # 21 – Pre and post milking disinfection, manual foaming (RTU liquid)

**Product type**

PT03 - Veterinary hygiene (Disinfectants)

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

-

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

Scientific name: Bacteria  
Common name: other  
Development stage:

Scientific name: Yeast  
Common name: yeast  
Development stage:

**Field(s) of use**

Indoor

Indoor

**Application method(s)**

Manual foaming -

Teat disinfectant, for direct application to lactating animals pre and post milking  
Applied directly to animal teats pre and post milking via manual foaming method.

**Application rate(s) and frequencies**

In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -

3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total).  
Apply a maximum of 5 ml product/ animal / application

**Category(ies) of users**

Professional



**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.10.1 Use-specific instructions for use**

Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
Apply directly to animal teats pre and post milking via manual foaming application method.  
3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total).  
Apply a maximum of 5 ml product/ animal /application

**4.10.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information)

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use
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**4.11 Use description**

**Use 11 - Use # 22 – Pre and post milking disinfection, manual spraying (RTU liquid)**

<b>Product type</b>	PT03 - Veterinary hygiene (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	-
<b>Target organism(s) (including development stage)</b>	Scientific name: Bacteria Common name: other Development stage:  Scientific name: Yeast Common name: yeast Development stage:
<b>Field(s) of use</b>	Indoor  indoor
<b>Application method(s)</b>	Manual spraying -  Teat disinfectant, for direct application to lactating animals pre and post milking Applied directly to animal teats pre and post milking via manual spraying method.
<b>Application rate(s) and frequencies</b>	In use Iodine concentration of 3000 mg/Kg (0.3% w/w) - Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use. -  3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total). Apply a maximum of 15 ml product/ animal/ application

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

1, 5 & 20 litre HDPE or f-HDPE canister

200 litre HDPE or f-HDPE drum

950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)

**4.11.1 Use-specific instructions for use**

Applied directly to animal teats pre and post milking via manual spraying method.  
Ready to use formulation containing 0.3% w/w Iodine. Do not dilute before use.  
3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total).  
Apply a maximum of 15 ml product/animal/application

**4.11.2 Use-specific risk mitigation measures**

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information)  
Wear suitable protective footwear (EN 13832) when applying the product.  
A protective coverall (at least type 6, EN 13034) shall be worn

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

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

See section 5 - General Directions for Use

## 5. General directions for use

### 5.1. Instructions for use

The product must be brought to temperature >20°C before use

#### Pre milking:

Apply product to full length of each teat.

For effective use against bacteria and yeast, product must be left in contact with the skin for at least 30 seconds.

After the appropriate contact time, thoroughly remove the product, using a single service paper towel/cloth to ensure teats are clean and dry.

In use Iodine concentration of 3000mg/Kg (0.3% w/w)

#### Post milking:

Cover the full length of each teat with the product, immediately after milking.

To ensure sufficient contact time, care should be taken that the product is not removed after application (e.g. keep the cows standing at least 5 minutes)

In use Iodine concentration of 3000mg/Kg (0.3% w/w)

### 5.2. Risk mitigation measures

This product can be used for pre- and post-milking disinfection in combination (up to 5 applications in total per animal per day).

However, it should not be used in combination with a different iodine-based product.

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

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

Inhalation: No known effects or symptoms in normal use.  
Skin contact: No known effects or symptoms in normal use.  
Eye contact: No known effects or symptoms in normal use.  
Ingestion: No known effects or symptoms in normal use

After inhalation: Supply fresh air; consult doctor in case of symptoms.  
After skin contact: Instantly wash with water and soap and rinse thoroughly.  
After eye contact: Rinse opened eye for several minutes under running water (at least 15 minutes).  
After swallowing: Rinse out mouth and then drink plenty of water. Instantly call for doctor.  
If medical advice is needed, have product container or label at hand

#### Stability and reactivity:

Reactivity: No reactivity hazards known under normal storage and use conditions.  
Chemical stability: Stable under normal storage and use conditions.  
Possibility of hazardous reactions: No hazardous reactions known under normal storage and use conditions.  
Conditions to avoid: None known under normal storage and use conditions.  
Hazardous decomposition products: None known under normal storage and use conditions.

#### Environmental precautions:

Dike to collect larger liquid spills.  
Contain and/or absorb spill with inert material, then place in suitable container.  
Prevent run-off from entering drains, sewers or waterways.  
Collect in closed and suitable containers for disposal.  
Do not place spilled materials back into the original container.

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

Empty containers must be tripled rinsed prior to disposal  
Paper towels used to dry animal teats and remove the product from them should be disposed of as normal/domestic waste.  
Do not discharge undiluted product to sewers.

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

Store only in original, closed container  
Protect from frost  
Do not store at temperatures above 30°C  
Shelf life 24 months

### 6. Other information

None

