

Summary of product characteristics for a biocidal product

Product name: Deosan Activate Pre/Post Conc. AG218

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

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Authorisation number: EU-0019228-0000

R4BP 3 asset reference number: IS-0020496-0002

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Administrative information

1.1. Trade names of the product

Deosan Activate Pre/Post Conc. AG218
Deosan Activate Pre/Post Conc.
Deosan Hitech concentrate
Deosan Activate Pre/Post Plus Conc. AG218
Deosan Activate Pre/Post Plus Conc.
Iodine Concentrate

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Diversey Europe Operations B.V.
	Address	Regulatory team Maarssenbroeksedijk 2 3542 DN Utrecht Netherlands
Authorisation number	EU-0019228-0000 1-1	
R4BP 3 asset reference number	IS-0020496-0002	
Date of the authorisation	03/04/2019	
Expiry date of the authorisation	31/03/2029	

1.3. Manufacturer(s) of the biocidal products

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

Active substance	1319 - Iodine
Name of the manufacturer	ACF Minera S.A.
Address of the manufacturer	San Martin No 499 1100000 Iquique Chile
Location of manufacturing sites	Lagunas mine 118 0000 Pozo Almonte Chile

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

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

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

Active substance	1319 - Iodine
Name of the manufacturer	ISE Chemicals Corporation
Address of the manufacturer	3-1, Kyobashi 1-Chome 104-0031 Tokyo Japan
Location of manufacturing sites	Shirasto Plant (3695 Kitaimaizumi, Oamishirasato City 299-3201 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 8320000 Santiago Chile
Location of manufacturing sites	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	1,5

2.2. Type of formulation

3. Hazard and precautionary statements

Hazard statements

Harmful to aquatic life with long lasting effects.

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 # 1 Pre-milking disinfection, Manual dipping (concentrate)

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)

Method: Manual dipping
Detailed description:

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

Application rate(s) and frequencies

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Number and timing of application:
3 pre 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-HDPE Intermediate Bulk Container (IBC)

4.1.1 Use-specific instructions for use

For products containing 1.5% iodine this can be: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Apply directly to animal teats pre-milking via manual dipping method.
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 # 2 Pre-milking disinfection, Manual foaming (concentrate)

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)

Method: Manual foaming
Detailed description:
Teat disinfectant, for direct application to lactating animals pre milking
Applied directly to animal teats pre milking via manual foaming method

Application rate(s) and frequencies

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Number and timing of application:
3 pre milking applications, per animal, per day

Apply a maximum of 5 ml/ 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)

4.2.1 Use-specific instructions for use

For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
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 # 3 Pre-milking disinfection, Manual spraying (concentrate)

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)	Method: Manual spraying Detailed description:

	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	<p>Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w) Dilution (%): For products containing 1.5% iodine Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted. Number and timing of application:</p> <p>3 pre milking applications, per animal, per day</p> <p>Apply a maximum of 15 ml product/ animal /application</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1, 5 & 20 litre HDPE or f-HDPE canister</p> <p>200 litre HDPE or f-HDPE drum</p> <p>950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)</p>

4.3.1 Use-specific instructions for use

For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Apply directly to animal teats pre-milking via manual spraying application method.
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 # 4 Post-milking disinfection, Manual dipping (concentrate)

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)	Method: Manual dipping Detailed description: 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	Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w) Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted. Number and timing of application: 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.
For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
3 post milking applications, per animal, per day (5 applications in total)

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

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

4.5 Use description

Use 5 - Use # 5 Post-milking disinfection, Manual foaming (concentrate)

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)

Method: Manual foaming
Detailed description:

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

Application rate(s) and frequencies

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.

Number and timing of application:
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.
For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
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

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 # 6 Post-milking disinfection, Manual spraying (concentrate)

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)	Method: Manual spraying Detailed description: Teat disinfectant, for direct application to lactating animals post milking Applied directly to animal teats post milking via manual spraying method.
Application rate(s) and frequencies	Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w) Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted. Number and timing of application: 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.
For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
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 # 7 Post-milking disinfection, Automatic spraying (concentrate)

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)

Method: Automatic spraying
Detailed description:

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

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.

Number and timing of application:

5 post milking applications, per animal, per day. Not to be combined with 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.
For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
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 # 8 Post-milking disinfection, Semi-automatic dipping (concentrate)

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)

Method: Semi-automatic dipping
Detailed description:
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

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Number and timing of application:

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

4.8.1 Use-specific instructions for use

Applied directly to animal teats post milking via semi-automatic dipping method.
For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
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 # 9 Pre and post-milking disinfection, manual dipping (concentrate)

Product type

PT03 - Veterinary hygiene (Disinfectants)

Where relevant, an exact description of the authorised use

-

Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: other Development stage:</p> <p>Scientific name: Yeast Common name: yeast Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Indoor</p>
Application method(s)	<p>Method: Manual dipping Detailed description:</p> <p>Teat disinfectant, for direct application to lactating animals pre and post milking Applied directly to animal teats pre and post milking via manual dipping method</p>
Application rate(s) and frequencies	<p>Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w) Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted. Number and timing of application: 3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total)</p> <p>Apply a maximum of 10 ml product/ animal / application</p>
Category(ies) of users	<p>Professional</p>
Pack sizes and packaging material	<p>1, 5 & 20 litre HDPE or f-HDPE canister</p> <p>200 litre HDPE or f-HDPE drum</p> <p>950 litre HDPE or f-HPDE Intermediate Bulk Container (IBC)</p>

4.9.1 Use-specific instructions for use

4.9.1 Use-specific instructions for use

For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Apply directly to animal teats pre and post milking via manual dipping method.
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

See section 5 - General Directions for Use

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 # 10 Pre and post-milking disinfection, Manual foaming (concentrate)

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)

Method: Manual foaming
Detailed description:

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

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

Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.

Number and timing of application:

3 pre and 3 post milking applications, per animal, per day (up to 5 applications in total)

Apply a maximum of 5 ml/ 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

For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For

products with another concentration this instruction should be adapted.
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

See section 5 - General Directions for Use

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

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

4.11 Use description

Use 11 - Use # 11 Pre and post-milking disinfection, Manual spraying (concentrate)

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)

Method: Manual spraying
Detailed description:

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.

Application rate(s) and frequencies

Application Rate: In use Iodine concentration of 3000mg/Kg (0.3% w/w)
Dilution (%): For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Number and timing of application:

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

For products containing 1.5% iodine: Dilute 1 part of product to 4 parts water to achieve 0.3% in use Iodine concentration. For products with another concentration this instruction should be adapted.
Apply directly to animal teats pre and post milking via manual spraying application method.
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 overall (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 40°C
Shelf life 24 months

6. Other information

The hazard and precautionary statements shall be in Icelandic on the label.

The hazard statements in Icelandic:

H412 Skaðlegt lífi í vatni, hefur langvinn áhrif.

The precautionary statements in Icelandic:

P101 Ef leita þarf læknis skal hafa ílát eða merkimiða tiltæk.

P102 Geymist þar sem börn ná ekki til.

P273 Forðist losun út í umhverfi.

P501 Fargið innihaldi í samræmi við landsbundnar reglur.

P501 Fargið ílát í samræmi við landsbundnar reglur.