# Summary of product characteristics for a biocidal product family

Family name: TEAT DISINFECTANTS BIOCIDAL PRODUCT FAMILY OF CVAS

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

Authorisation number: EU-0018724-0000

**R4BP 3 asset reference number:** EU-0018724-0000

#### **Table Of Contents**

Part I First information level	1
1. Administrative information	1
2. Product family composition and formulation	3
Part II Second information level - meta SPC(s)	3
1. Meta SPC administrative information - meta SPC 1	4
2. Meta SPC composition	4
3. Hazard and precautionary statements of the meta SPC	4
4. Authorised use(s) of the meta SPC	5
5. General directions for use of the meta SPC	8
6. Other information	9
7. Third information level: individual products in the meta SPC	9
1. Meta SPC administrative information - meta SPC 2	10
2. Meta SPC composition	11
3. Hazard and precautionary statements of the meta SPC	11
4. Authorised use(s) of the meta SPC	11
5. General directions for use of the meta SPC	15
6. Other information	16
7. Third information level: individual products in the meta SPC	16
1. Meta SPC administrative information - meta SPC 3	17
2. Meta SPC composition	17
3. Hazard and precautionary statements of the meta SPC	18
4. Authorised use(s) of the meta SPC	18
5. General directions for use of the meta SPC	22
6. Other information	23
7. Third information level: individual products in the meta SPC	23
1. Meta SPC administrative information - meta SPC 4	25
2. Meta SPC composition	25
3. Hazard and precautionary statements of the meta SPC	25

4. Authorised use(s) of the meta SPC	
5. General directions for use of the meta SPC	26
6. Other information	34
	35
7. Third information level: individual products in the meta SPC	35
1. Meta SPC administrative information - meta SPC 5	36
2. Meta SPC composition	37
3. Hazard and precautionary statements of the meta SPC	37
4. Authorised use(s) of the meta SPC	37
5. General directions for use of the meta SPC	46
6. Other information	47
7. Third information level: individual products in the meta SPC	47
1. Meta SPC administrative information - meta SPC 6	48
2. Meta SPC composition	48
3. Hazard and precautionary statements of the meta SPC	49
4. Authorised use(s) of the meta SPC	49
5. General directions for use of the meta SPC	56
6. Other information	57
7. Third information level: individual products in the meta SPC	57
1. Meta SPC administrative information - meta SPC 7	58
2. Meta SPC composition	58
3. Hazard and precautionary statements of the meta SPC	59
4. Authorised use(s) of the meta SPC	59
5. General directions for use of the meta SPC	71
6. Other information	72
7. Third information level: individual products in the meta SPC	
1. Meta SPC administrative information - meta SPC 8	72
2. Meta SPC composition	73
3. Hazard and precautionary statements of the meta SPC	74
4. Authorised use(s) of the meta SPC	74
5. General directions for use of the meta SPC	74
	78

6. Other information	79
7. Third information level: individual products in the meta SPC	79
1. Meta SPC administrative information - meta SPC 9	81
2. Meta SPC composition	82
3. Hazard and precautionary statements of the meta SPC	82
4. Authorised use(s) of the meta SPC	82
5. General directions for use of the meta SPC	94
6. Other information	95
7. Third information level: individual products in the meta SPC	
	95

#### Part I.- First information level

#### 1. Administrative information

#### 1.1. Family name

TEAT DISINFECTANTS BIOCIDAL PRODUCT FAMILY OF CVAS

#### 1.2. Product type(s)

PT03 - Veterinary hygiene (Disinfectants)

#### 1.3. Authorisation holder

Name and address of the authorisation holder

	Name	CVAS Development GmbH			
Address Dr. Albert Reimann Str. 16 a 68526 Ladenburg Germany		Dr. Albert Reimann Str. 16 a 68526 Ladenburg Germany			
	EU-0018724-0000				

**Authorisation number** 

R4BP 3 asset reference number

EU-0018724-0000

Date of the authorisation

18/12/2018

Expiry date of the authorisation

30/11/2028

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

Name of the manufacturer

Calvatis GmbH

Address of the manufacturer

Dr. Albert Reimann Str. 16a 68526 Ladenburg Germany

**Location of manufacturing sites** 

Dr. Albert Reimann Str. 16a 68526 Ladenburg Germany

Name of the manufacturer	Arthur Schopf Hygiene GmbH & Co. KG	
Address of the manufacturer	Pfaffensteinstr. 1 83115 Neubeuern Germany	
Location of manufacturing sites	Pfaffensteinstr. 1 83115 Neubeuern Germany	

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

Active substance	.319 - Iodine		
Name of the manufacturer	Cosayach Nitratos S.A.		
Address of the manufacturer	Amunategui 178 not applicable Santiago Chile		
Location of manufacturing sites	S.C.M. Cosayach Cala Cala not applicable Pozo Almonte Chile		
Active substance	1319 - Iodine		
Name of the manufacturer	CF Minera S.A.		
Address of the manufacturer	San Martin No 499 not applicable Iquique Chile		
Location of manufacturing sites	Lagunas mine not applicable Pozo Almonte Chile		
Active substance	1319 - Iodine		
Name of the manufacturer	SQM S.A.		
Address of the manufacturer	Los Militares 4290, Piso 4 not applicable Las Condes Chile		
Location of manufacturing sites	Nueva Victoria plant not applicable Pedro de Valdivia plant Chile		

Active substance	1319 - Iodine		
Name of the manufacturer	Nihon Tennen Gas Co., Ltd / Kanto Natural Gas Development Co., Ltd		
Address of the manufacturer	661 Mobara 297-8550 Mobara City, Chiba Japan		
Location of manufacturing sites	2508 Minami-Hinata 299-4205 Shirako-Machi, Chosei-Gun, Chiba Japan		
Active substance	1349 - Polyvinylpyrrolidone iodine		
Name of the manufacturer	Norkem Limited		
Address of the manufacturer	Norkem House, Bexton Lane WA 16 9FB Knutsford, Cheshire United Kingdom		
Location of manufacturing sites	Norkem House, Bexton Lane WA 16 9FB Knutsford, Cheshire United Kingdom		

### 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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0 - 0,54
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0 - 4,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0,33

#### 2.2. Type(s) of formulation

AL - Any other liquid

### 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 - 0 Polyvinylpyrrolidone 1,16 - 1,5 Active Substance 25655-41-8 iodine Acetic acid Acetic acid 64-19-7 200-580-7 0 - 0 2.2. Type(s) of formulation of the meta SPC Formulation(s) AL - Any other liquid 3. Hazard and precautionary statements of the meta SPC

**Hazard statements** 

**Precautionary statements** 

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

Keep out of reach of children.

#### 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

Not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup -See instructions for use.

Application rate(s) and frequencies

cows: 5 mL per treatment - 0%

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

# 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 general directions for use.
4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging
See general directions for use.
1.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage
See general directions for use.

#### 4.2 Use description

# Use 2 - Use #1.2 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated 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: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated dipping -

See instructions for use.

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids After milking, the vacuum is shut off and the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

	4.2.2 l	Jse-s	pecific	risk	mitigation	n measures
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In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.

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

See 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 general directions for use.

#### 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

See use specific risk mitigation measures.

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

Mentioned in the MSDS

Description of first aid measures

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 dangerous reactions known. Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature). Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected. Conditions to avoid: Not determined. Incompatible materials: Not determined. Hazardous decomposition products: No dangerous decomposition products known. Accidental release measures Personal precautions, protective equipment and emergency procedures: Wear protective clothing. Ensure adequate ventilation. Keep ignition sources away - Do not smoke. Environmental precautions: Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.
5.4. Instructions for safe disposal of the product and its packaging
Mentioned in the MSDS Waste treatment methods: Hazardous waste (AVV). Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.
At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant.
Recommended cleaning agent: Water, if needed detergent
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage
Shelf-life: 18 months
Products need to be protected from frost, stored at temperatures not exceeding 30°C and away from direct sunlight.

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

6. Other information

Not provided

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

Trade name(s)

Dip es barriere	Market area: EU
Dip es barriere 1.4	Market area: EU
lod Dip F 14 P	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0001 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0

#### 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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0 - 0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,56 - 2,5
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0

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

Formulation(s)

AL - Any other liquid

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

**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 local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

#### 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

aipping	
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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
Field(s) of use	Indoor  Teat disinfection for milkable animals (dairy cows) for use after milking
Application method(s)	Manual dipping using a dip cup - see use instructions
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2-3x/day (after each milking)
Category(ies) of users	Professional

### Pack sizes and packaging

material

Jerrycan (HDPE): 5 – 60 kg

Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh

disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment. After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.

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

See 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 general directions for use.			

#### 4.2 Use description

Use 2 - Use #2.2 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated dipping

**Product type** 

Where relevant, an exact description of the authorised use

Target organism(s) (including development stage)

PT03 - Veterinary hygiene (Disinfectants)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Indoor Field(s) of use Teat disinfection for milkable animals (dairy cows) for use after milking Automated dipping -Application method(s) see instructions for use cows: 5 mL per treatment - 0% -Application rate(s) and Post-milking application: 2 - 3x/day (after each milking) frequencies Professional Category(ies) of users Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg Pack sizes and packaging material IBC (HDPE): 600 - 1000 kg

#### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids After milking, the vacuum is shut off and the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

#### 4.2.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.
2.4 Where specific to the use, the instructions for safe disposal of the product and its ackaging
See general directions for use.
2.5 Where specific to the use, the conditions of storage and shelf-life of the product
nder normal conditions of storage See general directions for use.
i. General directions for use of the meta SPC
5.1. Instructions for use
See use specific instructions for use.
5.2. Risk mitigation measures
See use specific risk mitigation measures.

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

Mentioned in the MSDS

Description of first aid measures

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 dangerous reactions known.

Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature).

Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected.

Conditions to avoid: Not determined.

Incompatible materials: Not determined.

Hazardous decomposition products: No dangerous decomposition products known.

Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective clothing.

Ensure adequate ventilation.

Keep ignition sources away - Do not smoke.

Environmental precautions: Do not allow to enter drainage system, surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal

binders, sawdust). Dispose of the materia	al collected according to regulations.	
5.4. Instructions for safe disp	oosal of the product and its pack	aging
	aste (AVV). Must not be disposed of together with Ily treated under adherence to official regulations	
	sed product and the packaging in accordance wit ed to the manure deposit depending on local requ needed detergent.	
5.5. Conditions of storage an	d shelf-life of the product under r	normal conditions of storage
	•	
Shelf-life: 18 months Products need to be protected from frost	stored at temperatures not exceeding 30°C and	away from direct sunlight.
6. Other information		
Not provided		
7. Third information level:	individual products in the me	ta SPC
7.1 Trade name(s), authorisa product	tion number and specific compo	sition of each individual
Trade name(s)	Dip es lo-film	Market area: EU
	Dip es Io-film 3.0	Market area: EU
	lod-Dip lo-film 30	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0002 1-2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		2,5
Acetic acid	Acetic acid		64-19-7	200-580-7	0

#### 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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0 - 0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,56 - 4,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0

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

Formulation(s)

AL - Any other liquid

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

**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 local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

#### 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

not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup - See instructions for use

Application rate(s) and frequencies

5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

instructions and emergency	measures to protect the environment
See general directions for use.	
4.1.4 Where specific to the u packaging	se, the instructions for safe disposal of the product and its
See general directions for use.	
4.1.5 Where specific to the usunder normal conditions of s	se, the conditions of storage and shelf-life of the product storage
See general directions for use.	
4.2 Use description	
Use 2 - Use #3.2 - Teat disinfect dipping	tion of milkable animals: Post-milking teat disinfection by automated
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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
	Lindage
Field(s) of use	Indoor  Teat disinfection for milkable animals (dairy cows) for use after milking
Application method(s)	Automated dipping -
	See instructions for use

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid

Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg
4.2.1 Use-specific instruction	
After milking, the vacuum is shut off and of dip when the teat cup is withdrawn by automated dipping-system is thoroughly In a final cleaning step after each milking blown out again with compressed air.	and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids. I the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the rinsed with water and blown out with compressed air. I g session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and the milking. Keep the animals standing for at least 5 minutes after treatment.
4.2.2 Use-specific risk mitiga	ation measures
In case a combination of pre- and post-r considered for pre-milking disinfection.	milking disinfection is necessary, using another product not containing iodine has to be
<u> </u>	ise, the particulars of likely direct or indirect effects, first aid measures to protect the environment
See general directions for use.	
4.2.4 Where specific to the upackaging	ise, the instructions for safe disposal of the product and its
See 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 general directions for use. 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 See use specific risk mitigation measures. 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment Mentioned in the MSDS Description of first aid measures 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 dangerous reactions known. Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature). Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected. Conditions to avoid: Not determined. Incompatible materials: Not determined. Hazardous decomposition products: No dangerous decomposition products known. Accidental release measures Personal precautions, protective equipment and emergency procedures: Wear protective clothing. Ensure adequate ventilation. Keep ignition sources away - Do not smoke. Environmental precautions: Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

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

to reach sewage system. Must be speci At the end of the treatment, dispose und	vaste (AVV). Must not be disposed of together wit ally treated under adherence to official regulation: used product and the packaging in accordance wi sed to the manure deposit depending on local req f needed detergent.	s. th local requirements. Used product can be
Shelf-life: 18 months	nd shelf-life of the product under to the stored at temperatures not exceeding 30°C and	
6. Other information		
Not provided		
	individual products in the me	
Trade name(s)	Dip es barriere S	Market area: EU
	Dip es barriere 3.0	Market area: EU
	lod-Dip F 30 P	Market area: EU
	Baktostop Barier color	Market area: EU

EU-0018724-0003 1-3

**Authorisation number** 

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		2,5
Acetic acid	Acetic acid		64-19-7	200-580-7	0

### Trade name(s)

Dip es barriere RS	Market area: EU
Dip es barriere 5.0	Market area: EU
lod-Dip F 50 P	Market area: EU
BaktoStop barier	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0004 1-3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		4,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0

#### 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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0 - 0,3
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,56 - 2,5
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0

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

Formulation(s)

AL - Any other liquid

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

**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 local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

#### 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

not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup -See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.

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

See 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 general directions for use.

#### 4.2 Use description

Use 2 - Use #4.2 - 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

Target organism(s) (including development stage)

not relevant

Scientific name: Bacteria Common name: Bacteria

Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual spraying using a trigger sprayer -

See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the top of the trigger sprayer on it. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, spray the disinfectant on the teats using the trigger sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Refill the reservoir of the trigger sprayer with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and trigger sprayer by rinsing with water.

#### 4.2.2 Use-specific risk mitigation measures

milking teat disinfection by manual spray Avoid working in a spray mist.	nilking disinfection is necessary, using another product not containing iodine has to be
<u>-</u>	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment
See general directions for use.	
4.2.4 Where specific to the u packaging	se, the instructions for safe disposal of the product and its
See general directions for use.	
4.2.5 Where specific to the us under normal conditions of s	se, the conditions of storage and shelf-life of the product
See general directions for use.	
4.3 Use description	
·	tion of milkable animals: Post-milking teat disinfection by manual orayer
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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
Field(s) of use	Indoor
i ioia(3) oi use	Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)	Manual spraying using an electronic sprayer - See instructions for use
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2-3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.3.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product assuming 5 mL product per cow and insert a sucking lance of the electronic sprayer. Avoid discharge of surplus fluids.

Clean carefully the teats by wiping with a single service paper towel/cloth before milking.

After milking, spray the disinfectant on the teats using the electronic sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Replace the empty can by a new can containing the RTU product as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, put the sucking lance system into a bucket of water and rinse the sprayer by pumping the water through the sprayer.

#### 4.3.2 Use-specific risk mitigation measures

Use chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) during post-milking teat disinfection by manual spraying using an electronic sprayer.

Avoid working in spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.	

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

See general directions for use.	
	se, the conditions of storage and shelf-life of the product
under normal conditions of s  See general directions for use.	torage
g	
4.4 Use description	
Use 4 - Use #4.4 - Teat disinfect dipping	ion of milkable animals: Post-milking teat disinfection by automated
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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
Field(s) of use	Indoor
ricia(c) or use	Teat disinfection for milkable animals (dairy cows) for use after milking
Application method(s)	Automated dipping -
	See instructions for use
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)
Category(ies) of users	Professional

### Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.4.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids After milking, the vacuum is shut off and the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

#### 4.4.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.

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

See 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 general directions for use.

#### 4.5 Use description

### Use 5 - Use #4.5 - 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

not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated spraying by robot -

See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

## 4.5.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the robotic milking device. Avoid discharge of surplus fluids. The teats are cleaned by robot with automatic brushes.

After robotic milking, the disinfectant is sprayed automatically onto teats from a cluster arm.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment

Rinsing of the sprayer is automatic.
4.5.2 Use-specific risk mitigation measures
In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.
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 general directions for use.
4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging
See 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 general directions for use.
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
See use specific risk mitigation measures.
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment
Mentioned in the MSDS Description of first aid measures After inhalation: Supply fresh air; consult doctor in case of symptoms. After skin contact: Instantly wash with water and soap and rinse thoroughly.

After eve contact: Rinse opened eve 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 dangerous reactions known. Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature). Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected. Conditions to avoid: Not determined. Incompatible materials: Not determined. Hazardous decomposition products: No dangerous decomposition products known. Accidental release measures Personal precautions, protective equipment and emergency procedures: Wear protective clothing. Ensure adequate ventilation. Keep ignition sources away - Do not smoke. Environmental precautions: Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. 5.4. Instructions for safe disposal of the product and its packaging Mentioned in the MSDS Waste treatment methods: Hazardous waste (AVV). Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations. At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant. Recommended cleaning agent: Water, if needed detergent.

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

Shelf-life: 18 months

Products need to be protected from frost, stored at temperatures not exceeding 30°C and away from direct sunlight.

### 6. Other information

Not provided	
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### 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)	Dip es silver	Market area: EU
Authorisation number	EU-0018724-0005 1-4	
(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	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		2,5
Acetic acid	Acetic acid		64-19-7	200-580-7	0

# 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	0 - 0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,16 - 1,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0

2	2	Typole	۰) Af	formu	lation	of the	moto	SDC
۷.	∠.	Type(s	וט נכ	IOIIIIU	ialion	or the	meta	SPC

Formulation(s)	AL - Any other liquid
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# 3. Hazard and precautionary statements of the meta SPC

Hazard statements	
Precautionary statements	If medical advice is needed, have product container or label at hand.  Keep out of reach of children.

# 4. Authorised use(s) of the meta SPC

### 4.1 Use description

Use 1 - Use #5.1 - 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: Bacteria Common name: Bacteria

Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup -See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

## 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

instructions and emergency measures to protect the environment			
See general directions for use.			
4.1.4 Where specific to the u packaging	se, the instructions for safe disposal of the product and its		
See general directions for use.			
under normal conditions of s	se, the conditions of storage and shelf-life of the product storage		
See general directions for use.			
4.2 Use description  Use 2 - Use #5.2 - Teat disinfect spraying using a trigger spraye	tion of milkable animals: Post-milking teat disinfection by manual er		
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: Bacteria Common name: Bacteria Development stage: vegetative cells		
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells		
Field(s) of use	Indoor		
1.0.0(0) 0. 0.0	Teat disinfection for milkable animals (dairy cows) for use after milking		
Application method(s)	Manual spraying using a trigger sprayer - See instructions for use.		

cows: 5 mL per treatment - 0% -

Application rate(s) and frequencies	Post-milking application: 2-3x/day (after each milking)		
Category(ies) of users	Professional		
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg		
4.2.1 Use-specific instruction	s for use		
The product must be brought to a temperature above 20°C before use.  The use of a dosing pump for filling the product into the application equipment is recommended.  Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the top of the trigger sprayer on it. Avoid discharge of surplus fluids.  Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.  After milking, spray the disinfectant on the teats using the trigger sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.  Refill the reservoir of the trigger sprayer with fresh disinfectant as needed.  Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.  After disinfection, empty the reservoir and clean reservoir and trigger sprayer by rinsing with water.			
4.2.2 Use-specific risk mitiga	tion measures		
Avoid working in a spray mist. In case a combination of pre- and post-m considered for pre-milking disinfection.	ilking disinfection is necessary, using another product not containing iodine has to be		
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			

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

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

See general directions for use.

See general directions for use.

packaging

See general directions for use.	

### 4.3 Use description

**Product type** 

use

### Use 3 - Use #5.3 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using an electronic sprayer

• •	
Where relevant, an exact	
description of the authorised	

Target organism(s) (including development stage)

PT03 - Veterinary hygiene (Disinfectants)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual spraying using an electronic sprayer -See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

### 4.3.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product assuming 5 mL product per cow and insert a sucking lance of the electronic sprayer. Avoid discharge of surplus fluids.

Clean carefully the teats by wiping with a single service paper towel/cloth before milking.

After milking, spray the disinfectant on the teats using the electronic sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Replace the empty can by a new can containing the RTU product as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, put the sucking lance system into a bucket of water and rinse the sprayer by pumping the water through the sprayer.

### 4.3.2 Use-specific risk mitigation measures

Avoid working in a spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing jodine has to be considered for pre-milking disinfection.

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid

See ger	neral directions for use.
4.3.4 V packa	Where specific to the use, the instructions for safe disposal of the product and its ging
See ger	neral directions for use.
	here specific to the use, the conditions of storage and shelf-life of the product normal conditions of storage
See ger	neral directions for use.

### 4.4 Use description

**Product type** 

Use 4 - Use #5.4 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated dipping

Where relevant, an exact	
description of the authorise	d

PT03 -	Veterinary	hvaiene	(Disinfectants)

not relevant

use

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

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated dipping -

See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0%

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

### 4.4.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids After milking, the vacuum is shut off and the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

### 4.4.2 Use-specific risk mitigation measures

In case a combination of pre- and post-m considered for pre-milking disinfection.	nilking disinfection is necessary, using another product not containing iodine has to be
-	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment
See general directions for use.	
4.4.4 Where specific to the u packaging	se, the instructions for safe disposal of the product and its
See general directions for use.	
under normal conditions of s	<del>-</del>
See general directions for use (section 5	).
4.5 Use description Use 5 - Use #5.5 - Teat disinfect spraying by robot	tion of milkable animals: Post-milking teat disinfection by automated
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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
Field(s) of use	Indoor
Field(s) of use	Teat disinfection for milkable animals (dairy cows) for use after milking
Application method(s)	Automated spraying by robot -
	See instructions for use

	l I			
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)			
Category(ies) of users	Professional			
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg			
4.5.1 Use-specific instruction	ns for use			
The product must be brought to a tempor	ratura abaya 20°C hafara uca			
The product must be brought to a temperature above 20°C before use.  Open a can containing the RTU product and insert a suction tube of the robotic milking device. Avoid discharge of surplus fluids.  The teats are cleaned by robot with automatic brushes.  After robotic milking, the disinfectant is sprayed automatically onto teats from a cluster arm.  Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.  Rinsing of the sprayer is automatic.				
4.5.2 Use-specific risk mitiga	tion measures			
In case a combination of pre- and post-m considered for pre-milking disinfection.	ilking disinfection is necessary, using another product not containing iodine has to be			
	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment			
See general directions for use.				
4.5.4 Where specific to the us packaging	se, the instructions for safe disposal of the product and its			
See 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 general directions for use.		

### 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

See use specific risk mitigation measures.

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

Mentioned in the MSDS

Description of first aid measures

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 dangerous reactions known.

Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature).

Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected.

Conditions to avoid: Not determined. Incompatible materials: Not determined.

Hazardous decomposition products: No dangerous decomposition products known.

Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective clothing.

Ensure adequate ventilation.

Keep ignition sources away - Do not smoke.

Environmental precautions: Do not allow to enter drainage system, surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

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

Mentioned in the MSDS

Waste treatment methods: Hazardous waste (AVV). Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.

At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual

waste water treatment plant. Recommended cleaning agent:	Water, if needed detergent.	
5.5. Conditions of stora	age and shelf-life of the produ	uct under normal conditions of storage
Shelf-life: 18 months Products need to be protected f	rom frost, stored at temperatures not excee	eding 30°C and away from direct sunlight.
6. Other information		
Not provided		
7. Third information	level: individual products	in the meta SPC
7.1 Trade name(s), aut product	horisation number and speci	fic composition of each individual
<b>.</b>		
Trade name(s)	Dip es SF	Market area: EU
	Dip es SF 3.0	Market area: EU
	lod Dip S 30 P	Market area: EU
	Dip es SF 1.4	Market area: EU
	Iod-Dip S 14 P	Market area: EU
	EUTADIPP	Market area: EU

### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0006 1-5

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0

# 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

meta SPC 6

### 1.2. Suffix to the authorisation number

### 1.3 Product type(s)

1-6

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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0 - 0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,16 - 1,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0 - 0

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

Formulation(s)	AL - Any other liquid
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# 3. Hazard and precautionary statements of the meta SPC

Hazard statements	
Precautionary statements	If medical advice is needed, have product container or label at hand.  Keep out of reach of children.

# 4. Authorised use(s) of the meta SPC

# 4.1 Use description

# Use ${f 1}$ - Use ${\it \#6.1}$ - Teat disinfection of milkable animals: Pre-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: Bacteria Common name: Bacteria Development stage: vegetative cells	
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells	
Field(s) of use	Indoor  Teat disinfection for milkable animals (dairy cows) for use before milking	
Application method(s)	Manual foaming using a foam cup - See instructions for use	
	Cows: 5 mL per treatment - 0% -	

Application rate(s) and frequencies						
Category(ies) of users	Professional Professional					
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg					
4.1.1 Use-specific instruction	ns for use					
	rature above 20°C before use. roduct into the application equipment is recommended. suming 5 mL product per cow and screw the foam cup on top. Avoid discharge of surplus					
Clean the teats carefully by wiping with a single service paper towel/cloth before pre-milking disinfection.  Before milking, squeeze the reservoir and put the foam cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.  Leave the product on the teats for at least 60 seconds.						
Refill the cup of the foaming unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.  Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.  After disinfection, empty the reservoir and clean reservoir and foam cup by rinsing with water.						
4.1.2 Use-specific risk mitiga	tion measures					
This product can be used for pre- and po different iodine-based product	st-milking disinfection in combination. However, it should not be used in combination with a					
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 general directions for use.						
4.1.4 Where specific to the us packaging	se, the instructions for safe disposal of the product and its					
See 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 general directions for use.	

### 4.2 Use description

### Use 2 - Use #6.2 - 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: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual foaming using a foam cup -See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the foam cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the foam cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the foaming unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and foam cup by rinsing with water.

### 4.2.2 Use-specific risk mitigation measures

This product can be used for pre- and post-milking disinfection in combination. However, it should not be used in combination with a different iodine-based product

# 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

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

See general directions for use.			
See 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 general directions for use.		

### 4.3 Use description

# Use 3 - Use #6.3 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated foaming

Tourning	
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: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated foaming -See instructions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

### 4.3.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated foaming-system. Avoid discharge of surplus fluids.

After milking, the vacuum is shut off and the teat disinfectant is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of foam when the teat foam cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated foaming-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

### 4.3.2 Use-specific risk mitigation measures

This product can be used for pre- and post-milking disinfection in combination. However, it should not be used in combination with a different iodine-based product

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 general directions for use.					
4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging					
See general directions for use.					
under normal conditions of s	se, the conditions of storage and shelf-life of the product torage				
See general directions for use.					
4.4 Use description Use 4 - Use #6.4 – Teat disinfec manual foaming	tion of milkable animals: Pre- and post-milking teat disinfection by				
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: Bacteria Common name: Bacteria Development stage: vegetative cells				
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells				
Field(s) of use	Indoor				
	Teat disinfection for milkable animals (dairy cows) for use before and after milking				
Application method(s)	Manual foaming using a foam cup -				
	See instructions for use				
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Pre- and post-milking application: 4-6 times per day (before and after each milking)				

Category(ies) of users	users Professional				
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg				
4.4.1 Use-specific instruction	s for use				
The product must be brought to a temperature above 20°C before use.  The use of a dosing pump for filling the product into the application equipment is recommended.  Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the foam cup on top. Avoid discharge of surplus fluids.  Clean the teats carefully by wiping with a single service paper towel/cloth before pre-milking disinfection.  Before milking, squeeze the reservoir and put the foam cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.  Leave the product on the teats for at least 60 seconds.  Clean the teats carefully by wiping with a cloth immediately before milking. After milking, repeat the disinfection by foaming as described above.  Refill the cup of the foaming unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.  Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.  After disinfection, empty the reservoir and clean reservoir and foam cup by rinsing with water.  4.4.2 Use-specific risk mitigation measures  This product can be used for pre- and post-milking disinfection in combination. However, it should not be used in combination with a					
different iodine-based product					
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 general directions for use.					
4.4.4 Where specific to the us packaging	se, the instructions for safe disposal of the product and its				
See 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 general directions for use. 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 See use specific risk mitigation measures. 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment Mentioned in the MSDS Description of first aid measures 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 dangerous reactions known. Chemical stability: The product is chemically stable under normal surroundings terms (ambient temperature). Possibility of hazardous reactions: By designated use no dangerous reactions are to be expected. Conditions to avoid: Not determined. Incompatible materials: Not determined. Hazardous decomposition products: No dangerous decomposition products known. Accidental release measures Personal precautions, protective equipment and emergency procedures: Wear protective clothing. Ensure adequate ventilation. Keep ignition sources away - Do not smoke. Environmental precautions: Do not allow to enter drainage system, surface or ground water. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

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

Mentioned in the MSDS Waste treatment methods: Hazardous waste (AVV). Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.  At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant.  Recommended cleaning agent: Water, if needed detergent.						
Shelf-life: 18 months	d shelf-life of the product under r					
6. Other information						
Not provided						
	individual products in the me					
7.1 Trade name(s), authorisa product	tion number and specific compo	sition of each individual				
Γrade name(s)	Dip es Io-foam	Market area: EU				
	Dip es Io-foam 1.4	Market area: EU				
	lod-Dip Io-foam	Market area: EU				
	BaktoStop foam	Market area: EU				

**Authorisation number** 

EU-0018724-0007 1-6

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		1,16
Acetic acid	Acetic acid		64-19-7	200-580-7	0

## 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

meta SPC 7

### 1.2. Suffix to the authorisation number

1-7

## 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	0,14 - 0,14
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0 - 0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,11 - 0,33

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

Formulation(s)

AL - Any other liquid

# 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.

Dispose of contents to local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

## 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

### Use 1 - Use #7.1 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual dipping

**Product type** 

Where relevant, an exact description of the authorised use

Target organism(s) (including development stage)

PT03 - Veterinary hygiene (Disinfectants)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use	Teat disinfection for milkable animals (dairy cows) for use after milking		
Application method(s)	Manual dipping using a dip cup - See instructions for use		
Application rate(s) and frequencies	cows: 5 mL per treatment - 0% - Post-milking application: 2-3x/day (after each milking)		
Category(ies) of users	Professional		
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg		

### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Indoor

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking. After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant. Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

# 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 general directions for use.	

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging				
See general directions for use.				
4.1.5 Where specific to the usunder normal conditions of s	se, the conditions of storage and shelf-life of the product storage			
See general directions for use.				
4.2 Use description				
Use 2 - Use #7.2 - Teat disinfect foaming	tion of milkable animals: Post-milking teat disinfection by manual			
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: Bacteria Common name: Bacteria Development stage: vegetative cells			
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells			
	Indoor			
Field(s) of use	Teat disinfection for milkable animals (dairy cows) for use after milking			
Application method(s)	Manual foaming using a foam cup - See instructions for use			
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2-3x/day (after each milking)			
Category(ies) of users	Professional			

# Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the foam cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the foam cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the foaming unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and foam cup by rinsing with water.

### 4.2.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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

### 4.3 Use description

# Use 3 - Use #7.3 - 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: Bacteria Common name: Bacteria Development stage: vegetative cells
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells
	Indoor
Field(s) of use	
	Teat disinfection for milkable animals (dairy cows) for use after milking
Application method(s)	Manual spraying using a trigger sprayer - See instrcuctions for use
Application rate(s) and frequencies	Cows: 5 mL per treatment - 0% - Post-milking application: 2-3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

### 4.3.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the top of the trigger sprayer on it. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, spray the disinfectant on the teats using the trigger sprayer making sure that about 3 cm of the teat around the streak

canal are covered with the disinfectant.

Refill the reservoir of the trigger sprayer with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and trigger sprayer by rinsing with water.

### 4.3.2 Use-specific risk mitigation measures

Use chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) during postmilking teat disinfection by manual spraying using a trigger sprayer. Avoid working in spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

## 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 general directions for use.
4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging
See general directions for use.
1.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage
See general directions for use.

### 4.4 Use description

### Use 4 - Use #7.4 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using an electronic sprayer

#### **Product type**

Where relevant, an exact description of the authorised

Target organism(s) (including development stage)

PT03 - Veterinary hygiene	(Disinfectants)
---------------------------	-----------------

not relevant

Scientific name: Bacteria

Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual spraying using an electronic sprayer -

See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

### 4.4.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Open a can containing the RTU product assuming 5 mL product per cow and insert a sucking lance of the electronic sprayer. Avoid discharge of surplus fluids.

Clean carefully the teats by wiping with a single service paper towel/cloth before milking.

After milking, spray the disinfectant on the teats using the electronic sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Replace the empty can by a new can containing the RTU product as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

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

Use chemical resistant gloves (glove material to be specified by the authorisation holder within the product information) during post/milking teat disinfection by manal spraying using an electronic sprayer.

Avoid working in spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.		
4.4.4 Where specific to the u packaging	se, the instructions for safe disposal of the product and its	
See general directions for use.		
4.4.5 Where specific to the us under normal conditions of s	se, the conditions of storage and shelf-life of the product	
See general directions for use.		
4.5 Use description		
Use 5 - Use #7.5 - Teat disinfect dipping	tion of milkable animals: Post-milking teat disinfection by automated	
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: Bacteria Common name: Bacteria Development stage: vegetative cells	
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells	
Field(s) of use	Indoor	
ricia(s) or use	Teat disinfection for milkable animals (dairy cows) for use after milking	
Application method(s)	Automated dipping -	
., ,,	See instructions for use	
Application rate(s) and frequencies	cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)	

Category(ies) of users	Professional			
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg			
4.5.1 Use-specific instruction	ns for use			
After milking, the vacuum is shut off and of dip when the teat cup is withdrawn by automated dipping-system is thoroughly In a final cleaning step after each milking blown out again with compressed air.	and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids. the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the rinsed with water and blown out with compressed air.  session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and milking. Keep the animals standing for at least 5 minutes after treatment.			
4.5.2 Use-specific risk mitiga	tion measures			
In case a combination of pre- and post-m considered for pre-milking disinfection.	ilking disinfection is necessary, using another product not containing iodine has to be			
	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment			
See general directions for use.				
4.5.4 Where specific to the us packaging	se, the instructions for safe disposal of the product and its			
See 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 general directions for use.			

### 4.6 Use description

### Use 6 - Use #7.6 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated foaming

**Product type** 

PT03 - Veterinary hygiene (Disinfectants)

Where relevant, an exact description of the authorised

not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated foaming -

see instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

## 4.6.1 Use-specific instructions for use

#### 4.6.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated foaming-system. Avoid discharge of surplus fluids.

After milking, the vacuum is shut off and the teat disinfectant is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of foam when the teat foam cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated foaming-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

#### 4.6.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.

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

See 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 general directions for use (section 5).

#### 4.7 Use description

### Use 7 - Use #7.7 - 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

Target organism(s) (including development stage)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated spraying by robot -

See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.7.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the robotic milking device. Avoid discharge of surplus fluids. The teats are cleaned by robot with automatic brushes.

After robotic milking, the disinfectant is sprayed automatically onto teats from a cluster arm.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Rinsing of the sprayer is automatic.

#### 4.7.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.
Consultation (Consultation)
4.7.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid nstructions and emergency measures to protect the environment
See general directions for use.
1.7.4 Where specific to the use, the instructions for safe disposal of the product and its backaging
See general directions for use.
.7.5 Where specific to the use, the conditions of storage and shelf-life of the product inder normal conditions of storage
See general directions for use.
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
See use specific risk mitigation measures.
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency
measures to protect the environment
Mentioned in the MSDS Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of symptoms.  After skin contact: Wash with water and soap.
After eye contact: Rinse opened eye for several minutes under running water. Then consult doctor.  After swallowing: Rinse out mouth and then drink plenty of water. Seek immediate medical advice.
Stability and reactivity  Possibility of hazardous reactions: Reaction with oxidant- and reducing agent.
Conditions to avoid: No further relevant information available.
Incompatible materials: No further relevant information available.  Hazardous decomposition products: iodine (when warming up).

Accidental release measures Personal precautions, protective equipment and emergency procedures: No special measures required. Environmental precautions: Do not allow product to reach sewage systems or water bodies in great quantities. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. 5.4. Instructions for safe disposal of the product and its packaging Mentioned in the MSDS Waste treatment methods Recommendation: Must be specially treated with regard to official regulations. Waste disposal key number: Corresponding to the regulation of the European Waste catalogue the relation of the waste key numbers has to be made specific to industry and process. European waste catalogue: Corresponding to the regulation of the EWC the relation of the waste key numbers has to be made specific to industry and process. At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant. Recommended cleaning agent: Water, if necessary with cleaning agent. 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage Shelf-life: 24 months Products need to be protected from frost, stored at temperatures not exceeding 30°C and away from direct sunlight. 6. Other information

#### Not provided

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)

calgodip D 1200	Market area: EU
Jod-Dip S 12	Market area: EU
Dip es SF 1200	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0008 1-7

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0,14
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,15

#### 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

meta SPC 8

#### 1.2. Suffix to the authorisation number

1-8

#### 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 (%)
lodine		Active Substance	7553-56-2	231-442-4	0,14 - 0,54
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0 - 0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,11 - 0,33

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

Formulation(s)

AL - Any other liquid

#### 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.

Dispose of contents to local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

#### 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

Use 1 - Use #8.1 - 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

not relevant

Target organism(s) (including development stage)

Scientific name: Bacteria Common name: Bacteria

Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup -

See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant.

Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.

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

See 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 general directions for use (section 5).

#### 4.2 Use description

### Use 2 - Use #8.2 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated 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: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)	Automated dipping -
	See instructions for use
Application rate(s) and frequencies	cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.2.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids After milking, the vacuum is shut off and the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of dip when the teat cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated dipping-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

#### 4.2.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.		

### 4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging See 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 general directions for use. 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 See use specific risk mitigation measures. 5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment Mentioned in the MSDS Description of first aid measures After inhalation: Supply fresh air; consult doctor in case of symptoms. After skin contact: Wash with water and soap. If skin irritation continues, consult a doctor. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. After swallowing: Rinse out mouth and then drink plenty of water. Seek medical treatment. Stability and reactivity Reactivity: No further relevant information available. Chemical stability/thermal decomposition/conditions to be avoided: No decomposition if used according to specifications. Possibility of hazardous reactions: No dangerous reactions known. Conditions to avoid: No further relevant information available. Incompatible materials: No further relevant information available. Hazardous decomposition products: iodine (when warming up). Accidental release measures Personal precautions, protective equipment and emergency procedures: No special measures required. Environmental precautions: Do not allow product to reach sewage systems or water bodies in great quantities.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal

binder). Do not use combustible material like sawdust. Dispose of the material collected according to regulations.

5.4. Instructions for safe dis	posal of the product and its pacl	kaging
numbers has to be made specific to indi European waste catalogue: Correspond specific to industry and process.  At the end of the treatment, dispose uni	ding to the regulation of the European Waste ca	he waste key numbers has to be made  with local requirements. Used product can be
waste water treatment plant.		
5.5. Conditions of storage ar	nd shelf-life of the product under	normal conditions of storage
Shelf-life: 24 months		
Products need to be protected from fros	t, stored at temperatures not exceeding 30°C ar	nd away from direct sunlight.
L		
6. Other information		
6. Other information		
Not provided		
7. Third information level:	individual products in the m	eta SPC
7.1 Trade name(s), authorisa	ation number and specific compo	osition of each individual
product	-	
Trade name(s)	calgodip D 3000 Film	Market area: EU
	Jod-Dip F 30	Market area: EU
	Jod Dipp 30 Film (Technolit)	Market area: EU

Jod 30 Film (Iwetec)	Market area: EU
Dip es barriere 3000	Market area: EU
Lerapur Dip Jod 30	Market area: EU
BaktoStop barrier color 3.0	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0009 1-8

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0,34
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,26

#### Trade name(s)

calgodip D 5000	Market area: EU
Jod Dip F 50	Market area: EU
Jod Dipp 50 (Iwetec)	Market area: EU
Jod-Dipp 50 (Technolit)	Market area: EU

Dip es barriere 5000	Market area: EU
BaktoStop barrier 5.0	Market area: EU
EU-0018724-0010 1-8	

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
lodine		Active Substance	7553-56-2	231-442-4	0,54
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,26

#### 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

meta SPC 9

#### 1.2. Suffix to the authorisation number

1-9

#### 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	0,34 - 0,34
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0 - 0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,11 - 0,33

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

Formulation(s)

AL - Any other liquid

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

Harmful to aquatic life with long lasting effects.

**Precautionary statements** 

Avoid release to the environment.

Dispose of contents to local/regional/national/international regulation.

Dispose of container to local/regional/national/international regulation.

#### 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

Use  ${f 1}$  - Use  ${\it \#9.1}$  - 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: Bacteria Common name: Bacteria

Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual dipping using a dip cup -See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0%

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.1.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the dip cup on top. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking. After milking, squeeze the reservoir and put the dip cup over each teat from below making sure that about 3 cm of the teat are immersed into the disinfectant. Refill the cup of the dipping unit with fresh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment. After disinfection, empty the reservoir and clean reservoir and dip cup by rinsing with water.

#### 4.1.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

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 general directions for use.			
4.1.4 Where specific to the u packaging	and emergency measures to protect the environment  ctions for use.  specific to the use, the instructions for safe disposal of the product and its  ctions for use.  specific to the use, the conditions of storage and shelf-life of the product all conditions of storage ctions for use.  ription  9.2 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual  PT03 - Veterinary hygiene (Disinfectants)  nt, an exact		
See general directions for use.			
under normal conditions of s	· ·		
See general directions for use.			
4.2 Use description Use 2 - Use #9.2 - Teat disinfect foaming	tion of milkable animals: Post-milking teat disinfection by manual		
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: Bacteria Common name: Bacteria Development stage: vegetative cells		
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells		
Field(s) of use	Teat disinfection for milkable animals (dairy cows) for use after milking		
Application method(s)	Manual foaming using a foam cup - See instructions for use		

Cows: 5 mL per treatment - 0% -

Application rate(s) and frequencies	Post-milking application: 2-3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg
4.2.1 Use-specific instruction	ns for use
Fill the reservoir with the RTU product as fluids. Clean the teats carefully by wiping with a After milking, squeeze the reservoir and pimmersed into the disinfectant. Refill the cup of the foaming unit with fres disinfectant as needed. Leave the product on the teats until next After disinfection, empty the reservoir and	roduct into the application equipment is recommended. suming 5 mL product per cow and screw the foam cup on top. Avoid discharge of surplus single service paper towel/cloth immediately before milking. Out the foam cup over each teat from below making sure that about 3 cm of the teat are sh disinfectant by squeezing the reservoir as needed. Refill the reservoir with fresh milking. Keep the animals standing for at least 5 minutes after treatment. It clean reservoir and foam cup by rinsing with water.
In case a combination of pre- and post-m considered for pre-milking disinfection.	ilking disinfection is necessary, using another product not containing iodine has to be
	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment
See general directions for use.	
4.2.4 Where specific to the us packaging	se, the instructions for safe disposal of the product and its
See 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 general directions for use.		

#### 4.3 Use description

Product type

#### Use 3 - Use #9.3 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using a trigger sprayer

Where relevant, an exact
description of the authorised
use

Target organism(s) (including development stage)

PT03 - Veterinary hygiene (Disinfectants)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts

Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual spraying using a trigger sprayer -See instrcuctions for use

Application rate(s) and frequencies

Cows: 5 mL per treatment - 0% -

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.3.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

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

Fill the reservoir with the RTU product assuming 5 mL product per cow and screw the top of the trigger sprayer on it. Avoid discharge of surplus fluids.

Clean the teats carefully by wiping with a single service paper towel/cloth immediately before milking.

After milking, spray the disinfectant on the teats using the trigger sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Refill the reservoir of the trigger sprayer with fresh disinfectant as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

After disinfection, empty the reservoir and clean reservoir and trigger sprayer by rinsing with water.

#### 4.3.2 Use-specific risk mitigation measures

Use chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), coverall and chemical resistant boots during post-milking teat disinfection by manual spraying using a trigger sprayer.

Avoid working in spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

# 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 general direction	ns for use.
1.3.4 Where sp packaging	pecific to the use, the instructions for safe disposal of the product and its
See general direction	ns for use.
•	ecific to the use, the conditions of storage and shelf-life of the product conditions of storage
See general direction	ns for use.

#### 4.4 Use description

Use 4 - Use #9.4 - Teat disinfection of milkable animals: Post-milking teat disinfection by manual spraying using an electronic sprayer

Product type	P103 - Vetermary hygiene (Disiniectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	Scientific name: Bacteria Common name: Bacteria

Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Manual spraying using an electronic sprayer -

See instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0%

Post-milking application: 2-3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.4.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product assuming 5 mL product per cow and insert a sucking lance of the electronic sprayer. Avoid discharge of surplus fluids.

Clean carefully the teats by wiping with a single service paper towel/cloth before milking.

After milking, spray the disinfectant on the teats using the electronic sprayer making sure that about 3 cm of the teat around the streak canal are covered with the disinfectant.

Replace the empty can by a new can containing the RTU product as needed.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

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

Use chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), coverall and chemical resistant boots during post-milking teat disinfection by manal spraying using an electronic sprayer. Avoid working in spray mist.

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

instructions and emergency measures to protect the environment				
See general directions for use.				
4.4.4 Where specific to the upackaging	se, the instructions for safe disposal of the product and its			
See general directions for use.				
under normal conditions of s	se, the conditions of storage and shelf-life of the product storage			
See general directions for use.				
4.5 Use description Use 5 - Use #9.5 - Teat disinfectioning	tion of milkable animals: Post-milking teat disinfection by automated			
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: Bacteria Common name: Bacteria Development stage: vegetative cells			
	Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells			
Field(s) of use	Indoor  Teat disinfection for milkable animals (dairy cows) for use after milking			
Application method(s)	Automated dipping -			
	See instructions for use			

Application rate(s) and frequencies	cows: 5 mL per treatment - 0% - Post-milking application: 2 - 3x/day (after each milking)
Category(ies) of users	Professional
Pack sizes and packaging material	Jerrycan (HDPE): 5 – 60 kg Drum (HDPE): 60 – 200 kg IBC (HDPE): 600 - 1000 kg
4.5.1 Use-specific instruction	
After milking, the vacuum is shut off and of dip when the teat cup is withdrawn by automated dipping-system is thoroughly In a final cleaning step after each milking blown out again with compressed air.	and insert a suction tube of the automated dipping-system. Avoid discharge of surplus fluids. the teat dip is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the rinsed with water and blown out with compressed air.  session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and milking. Keep the animals standing for at least 5 minutes after treatment.
4.5.2 Use-specific risk mitiga	ation measures
In case a combination of pre- and post-m considered for pre-milking disinfection.	nilking disinfection is necessary, using another product not containing iodine has to be
<u>-</u>	se, the particulars of likely direct or indirect effects, first aid measures to protect the environment
See general directions for use.	
4.5.4 Where specific to the uspackaging	se, the instructions for safe disposal of the product and its
See 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 general directions for use.			

#### 4.6 Use description

**Product type** 

#### Use 6 - Use #9.6 - Teat disinfection of milkable animals: Post-milking teat disinfection by automated foaming

Where relevant, an exact
description of the authorica

description of the authorised

Target organism(s) (including development stage)

PT03 - Veterinary hygiene (Disinfectants)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated foaming -

see instructions for use

Application rate(s) and frequencies

cows: 5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.6.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the automated foaming-system. Avoid discharge of surplus fluids.

After milking, the vacuum is shut off and the teat disinfectant is injected into a manifold on the clawpiece. The teats are coated with ca. 5 mL of foam when the teat foam cup is withdrawn by the Automatic Cluster Removal (ACR). After the removal of the ACR, every liner of the automated foaming-system is thoroughly rinsed with water and blown out with compressed air.

In a final cleaning step after each milking session of the herd, the liners are disinfected (e.g. with a chlorine-based product) and blown out again with compressed air.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Afterwards, the milking system is ready for the next milking event.

The whole process is automated.

#### 4.6.2 Use-specific risk mitigation measures

In case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.

### 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 general directions for use.

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

See 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 general directions for use.

#### 4.7 Use description

### Use 7 - Use #9.7 - 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

Target organism(s) (including development stage)

not relevant

Scientific name: Bacteria Common name: Bacteria Development stage: vegetative cells

Scientific name: Yeasts Common name: Yeasts Development stage: vegetative cells

Field(s) of use

Indoor

Teat disinfection for milkable animals (dairy cows) for use after milking

Application method(s)

Automated spraying by robot -

See instructions for use

Application rate(s) and frequencies

co5 mL per treatment - 0% -

Post-milking application: 2 - 3x/day (after each milking)

Category(ies) of users

Professional

Pack sizes and packaging material

Jerrycan (HDPE): 5 - 60 kg Drum (HDPE): 60 - 200 kg IBC (HDPE): 600 - 1000 kg

#### 4.7.1 Use-specific instructions for use

The product must be brought to a temperature above 20°C before use.

Open a can containing the RTU product and insert a suction tube of the robotic milking device. Avoid discharge of surplus fluids. The teats are cleaned by robot with automatic brushes.

After robotic milking, the disinfectant is sprayed automatically onto teats from a cluster arm.

Leave the product on the teats until next milking. Keep the animals standing for at least 5 minutes after treatment.

Rinsing of the sprayer is automatic.

#### 4.7.2 Use-specific risk mitigation measures

n case a combination of pre- and post-milking disinfection is necessary, using another product not containing iodine has to be considered for pre-milking disinfection.
7.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid estructions and emergency measures to protect the environment
See general directions for use.
.7.4 Where specific to the use, the instructions for safe disposal of the product and its ackaging
See general directions for use.
7.5 Where specific to the use, the conditions of storage and shelf-life of the product nder normal conditions of storage
See general directions for use.
. General directions for use of the meta SPC
1. Instructions for use
See use specific instructions for use.
2. Risk mitigation measures
See use specific risk mitigation measures.
.3. Particulars of likely direct or indirect effects, first aid instructions and emergency leasures to protect the environment
Mentioned in the MSDS Description of first aid measures After inhalation: Supply fresh air; consult doctor in case of symptoms.
After skin contact: Wash with water and soap.  After eye contact: Rinse opened eye for several minutes under running water. Then consult doctor.  After swallowing: Rinse out mouth and then drink plenty of water. Seek immediate medical advice.
Stability and reactivity Possibility of hazardous reactions: Reaction with oxidant- and reducing agent. Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available. Hazardous decomposition products: iodine (when warming up). Accidental release measures Personal precautions, protective equipment and emergency procedures: No special measures required. Environmental precautions: Do not allow product to reach sewage systems or water bodies in great quantities. Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. 5.4. Instructions for safe disposal of the product and its packaging Mentioned in the MSDS Waste treatment methods Recommendation: Must be specially treated with regard to official regulations. Waste disposal key number: Corresponding to the regulation of the European Waste catalogue the relation of the waste key numbers has to be made specific to industry and process. European waste catalogue: Corresponding to the regulation of the EWC the relation of the waste key numbers has to be made specific to industry and process. At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual waste water treatment plant. Recommended cleaning agent: Water, if necessary with cleaning agent. 5.5. Conditions of storage and shelf-life of the product under normal conditions of storage Products need to be protected from frost, stored at temperatures not exceeding 30°C and away from direct sunlight. 6. Other information

Not provided			

#### 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)

calgodip D 3000	Market area: EU
Jod-Dip S 30	Market area: EU
Bestfarm Dip Premium	Market area: EU
Jod 30 Universal (Iwetec)	Market area: EU
Jod-Dipp 30 (Technolit)	Market area: EU
Dip es SF 3000	Market area: EU
Lerapur Jod SP 30	Market area: EU

#### **Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

EU-0018724-0011 1-9

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Iodine		Active Substance	7553-56-2	231-442-4	0,34
Polyvinylpyrrolidone iodine		Active Substance	25655-41-8		0
Acetic acid	Acetic acid		64-19-7	200-580-7	0,26