

EN

ANNEX

**SUMMARY OF PRODUCT CHARACTERISTICS
FOR A BIOCIDAL PRODUCT FAMILY**

Christeyns' Lactic Acid BPF

Product type(s)

PT02: Disinfectants and algaecides not intended for direct application to humans or animals

PT03: Veterinary hygiene

PT04: Food and feed area

Authorisation number BE2022-0001-00-00

R4BP asset number BE-0028600-0000

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Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Christeyns' Lactic Acid BPF
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1.2. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals PT03: Veterinary hygiene PT04: Food and feed area
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	Christeyns NV
	Address	Afrikalaan 182 9000 Gent Belgium
Authorisation number	BE2022-0001-00-00	
<i>R4BP asset number</i>	BE-0028600-0000	
Date of the authorisation	27/05/2022	
Expiry date of the authorisation	31/01/2032	

1.4. Manufacturer(s) of the product

Name of manufacturer	Christeyns N.V.
Address of manufacturer	Afrikalaan 9000 Gent Belgium
Location of manufacturing sites	Afrikalaan 9000 Gent Belgium

Name of manufacturer	Christeyns s.r.o.
Address of manufacturer	Vitovska 453/7 742 35 Odry Czechia
Location of manufacturing sites	Christeyns s.r.o. 742 35 Odry Czechia

Name of manufacturer	Christeyns Food Hygiene sas
Address of manufacturer	ZA Les Farges 24580 Rouffignac St. Cernin France
Location of manufacturing sites	ZA Les Farges 24580 Rouffignac St. Cernin France

Name of manufacturer	Betelgeux sl
Address of manufacturer	Poligono Industrial Raconc, Parcelas 2 y 3 CP 46729 Ador - Valencia Spain
Location of manufacturing sites	Poligono Industrial Raconc, Parcelas 2 y 3 CP 46729 Ador - Valencia Spain

Name of manufacturer	Christeyns France sa
Address of manufacturer	31 Rue de la Maladrie 44120 Vertou France
Location of manufacturing sites	31 Rue de la Maladrie 44120 Vertou France

Name of manufacturer	Christeyns Manufacturing Italy srl.
Address of manufacturer	Via Aldo Moro 30 20042 Pessano con Bornago Italy
Location of manufacturing sites	Via Aldo Moro 30 20042 Pessano con Bornago Italy

Name of manufacturer	Christeyns UK Ltd.
Address of manufacturer	Rutland Street BD4 7EA Bradford United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Rutland Street BD4 7EA Bradford United Kingdom of Great Britain and Northern Ireland (the)

Name of manufacturer	Christeyns Food Hygiene Ltd.
Address of manufacturer	2 Cameron Court, Winwick Quay WA2 8RE Warrington United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	2 Cameron Court, Winwick Quay WA2 8RE Warrington United Kingdom of Great Britain and Northern Ireland (the)

Name of manufacturer	Clover Chemicals Ltd.
Address of manufacturer	Clover House, Macclesfield Road, Whaley Bridge SK23 7DQ High Peak United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Clover House, Macclesfield Road, Whaley Bridge SK23 7DQ High Peak United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	L-(+)-lactic acid
Name of manufacturer	Purac Biochem BV
Address of manufacturer	Arkelsedijk 46 4206 AC Gorinchem Netherlands (the)
Location of manufacturing sites	Arkelsedijk 46 4206 AC Gorinchem Netherlands (the)

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 (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	6,8 - 80 % (w/w)
Isopropanol	Propan-2-ol	Non-active substance	67-63-0		0 - 10 % (w/w)
2-butoxyethanol	2-butoxy-1-ethanol	Non-active substance	111-76-2		0 - 6 % (w/w)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Non-active substance	85536-14-7	287-494-3	0 - 4 % (w/w)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Non-active substance	68891-38-3	500-234-8	0 - 12,4 % (w/w)
1-heptanol, 2-propyl-, 7EO	1-heptanol, 2-propyl-, 7EO	Non-active substance	160875-66-1	605-233-7	0 - 3 % (w/w)
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Non-active substance	85586-07-8	287-809-4	0 - 1,1565 % (w/w)
Akypo LF1	Polyoxyethylene octyl ether carboxylic acid	Non-active substance	53563-70-5	611-013-1	0 - 3 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	AL Any other liquid SL Soluble concentrate
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Part II.
SECOND INFORMATION LEVEL - META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: 1. Disinfectant gels
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1.2. Suffix to the authorisation number

Number	1-1
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
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2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	6,8 - 6,8 % (w/w)
Isopropanol	Propan-2-ol	Non-active substance	67-63-0		0 - 0 % (w/w)
2-butoxyethanol	2-butoxy-1-ethanol	Non-active substance	111-76-2		0 - 0 % (w/w)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Non-active substance	85536-14-7	287-494-3	0 - 0 % (w/w)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Non-active substance	68891-38-3	500-234-8	0 - 0 % (w/w)
1-heptanol, 2-propyl-, 7EO	1-heptanol, 2-propyl-, 7EO	Non-active substance	160875-66-1	605-233-7	0 - 0 % (w/w)
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Non-active substance	85586-07-8	287-809-4	0 - 0 % (w/w)
Akypo LF1	Polyoxyethylene octyl ether carboxylic acid	Non-active substance	53563-70-5	611-013-1	0 - 0 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	<p>H314: Causes severe skin burns and eye damage.</p> <p>H318: Causes serious eye damage.</p>
Precautionary statements	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <p>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P264: Wash hands thoroughly after handling.</p> <p>P280: Wear protective gloves, protective clothing, protective clothing, eye protection, face protection.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P501: Dispose of container to appropriate disposal.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Use 1.1 - Toilet disinfectant - Professional user

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Disinfection of toilet bowls and drains by pouring of (thickened) product from a bottle with fixed directional nozzle. Product is applied around bowl and under the rim, left for several minutes, brushed with toilet brush and toilet is flushed.
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Institutions, offices, workplaces, ..
Application method(s)	Method: open system Detailed description: Pouring (with brushing only after the required CT) - with thickened product from a bottle with fixed directional nozzle. Product is applied around bowl and under the rim, left for several minutes, brushed with toilet brush and toilet is flushed.
Application rate(s) and frequency	Application Rate: 5 ml / toilet Dilution (%): / Number and timing of application: Active against bacteria and yeasts With undiluted product In 15 min contact time At Room Temperature Application rate of 5 mL/toilet 1x/week (non-professional users) Multiple times/week (professional users)
Category(ies) of users	professional
Pack sizes and packaging material	750 mL pre-filled bottles HDPE 5 L refill cans HDPE The packaging include a tactile warning and a child-proof closure.

4.1.1. Use-specific instructions for use

Disinfection procedures by pouring : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

Apply the product around the bowl and under the rim, leave it for 15 minutes, brush with toilet brush and flush.

4.1.2. Use-specific risk mitigation measures

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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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 30°C

Protect from frost

Shelf-life : 2 years

4.2. Use description 2

Table 2. Use 1.2 - Toilet disinfectant - General Public

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Disinfection of toilet bowls and drains by pouring of (thickened) product from a bottle with fixed directional nozzle. Product is applied around bowl and under the rim, left for several minutes, brushed with toilet brush and toilet is flushed.
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Institutions, offices, workplaces, ..
Application method(s)	Method: open system Detailed description: Pouring (with brushing only after the required CT) - with thickened product from a bottle with fixed directional nozzle. Product is applied around bowl and under the rim, left for several minutes, brushed with toilet brush and toilet is flushed.
Application rate(s) and frequency	Application Rate: 5 ml / toilet Dilution (%): / Number and timing of application: Active against bacteria and yeasts With undiluted product In 15 min contact time

	At Room Temperature Application rate of 5 mL/toilet 1x/week (non-professional users) Multiple times/week (professional users)
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	750 mL pre-filled bottles HDPE The packaging include a tactile warning and a child-proof closure.

4.2.1. Use-specific instructions for use

Disinfection procedures by pouring: the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

Apply the product around the bowl and under the rim, leave it for 15 minutes, brush with toilet brush and flush.

4.2.2. Use-specific risk mitigation measures

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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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 30°C

Protect from frost

Shelf-life : 2 years

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure, with some exceptions. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

2. Disinfection cycle :

- If required, products must be diluted in potable water before use
- Dilution rate & contact time depends on the use considered.
- Final rinsing (with potable water) : please refer to the description of application method related to each use.

Open containers. Small containers are transferred manually into reservoirs or dilution vessels, while large containers are pumped into reservoirs via a pump.

For all uses, no waiting period is required after application of the biocidal product or between two applications of the product, or the next access by humans or animals to the area where the biocidal product has been used. Cleaning of equipment can be done with water.

5.2. Risk mitigation measures

Avoid contact with skin and eyes

Keep out of reach of children and pets

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Stop leak without risks if possible.

Do not contaminate ground and surface water.

Prevent entry to sewers and public waters.

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

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 30°C

Protect from frost

Keep out of reach of children and non-target animals/pets

6. OTHER INFORMATION

Existing Registrations:

Nettoyant Désinfectant WC - 55037 (France)

Chriox WC- 48044 (France)

Gel WC - 50211 (France)

Phago'Gel San - 57801 (France)

Symbioz Gel San Désinfectant - 50413 (France)

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

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

Trade name(s)	Chriox WC	Market area: BE
	Symbioz Gel San Desinfectant	Market area: BE
	Gel WC	Market area: BE
	Nettoyant Désinfectant WC	Market area: BE
	Phago'Gel San	Market area: BE
Authorisation number	BE-0028600-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	6,8

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: 2. Teat dip solutions
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1.2. Suffix to the authorisation number

Number	1-5
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1.3. Product type(s)

Product type(s)	PT03: Veterinary hygiene
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2. META SPC 2 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	8 - 8 % (w/w)

2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

Hazard statements	H318: Causes serious eye damage.
Precautionary statements	P280: Wear eye protection. P280: Wear protective gloves. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/ DOCTOR. P501: Dispose of contents to appropriate disposal. P501: Dispose of container to appropriate disposal.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Use 2.1 - Disinfection of teats after milking

Product type	PT03: Veterinary hygiene
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: adults Scientific name: Yeast Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Indoor - in dairy farms : disinfection of teat after milking, by dipping
Application method(s)	Method: Dipping Detailed description: Dip all teats into a dipping cup until they are fully covered. Apply the product to the whole teat and do not wipe it (3-10 ml per animal per milking event) Allow to dry.
Application rate(s) and frequency	Application Rate: 3-10 ml of product/cow/milking event Dilution (%): / Number and timing of application: Active against bacteria and yeasts With undiluted product In 5 min contact time at +30°C
Category(ies) of users	professional
Pack sizes and packaging material	10, 20, 25 L cans (HDPE) 200L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.1.1. Use-specific instructions for use

Ensure that teats are clean before use.

Dip all teats into a dipping cup until they are fully covered.

Apply the product to the whole teat and do not wipe it (3-10 ml per animal per milking event). Allow to dry for 5 minutes.

If the product is stored at +4-7°C (i.e. in a fridge), the product must “return” to RT before use

For hygienic reasons, the wear of gloves and protective clothes is highly recommended

4.1.2. Use-specific risk mitigation measures

Do not release the solution to the manure/slurry pit, only release to the sewer system.

Wear protective goggles.

Avoid contact with skin and eyes

Ensure good ventilation of the work station.

Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

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

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

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

Do not store at temperatures above 30°C

Protect from frost

Shelf-life : 12 months

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure, with some exceptions. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

2. Disinfection cycle :

- If required, products must be diluted in potable water before use
- Dilution rate & contact time depends on the use considered.
- Final rinsing (with potable water) : please refer to the description of application method related to each use.

Open containers. Small containers are transferred manually into reservoirs or dilution vessels, while large containers are pumped into reservoirs via a pump.

For all uses, no waiting period is required after application of the biocidal product or between two applications of the product, or the next access by humans or animals to the area where the biocidal product has been used.

Cleaning of equipment can be done with water.

5.2. Risk mitigation measures

Avoid contact with skin and eyes

Keep out of reach of children and pets

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow.

Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Stop leak without risks if possible.

Do not contaminate ground and groundwater.

Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 30°C

Protect from frost

Shelf-life : 12 months

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

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

Trade name(s)	Mida Agri 830 Post Red	Market area: BE
Authorisation number	BE-0028600-0005 1-5	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	8
Isopropanol	Propan-2-ol	Non-active substance	67-63-0		1
Akypo LF1	Polyoxyethylene octyl ether carboxylic acid	Non-active substance	53563-70-5	611-013-1	3

1. META SPC 3 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 3 identifier

Identifier	Meta SPC: 3. Surface disinfectants with surfactants (not flammable)
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1.2. Suffix to the authorisation number

Number	1-2
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT04: Food and feed area
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2. META SPC 3 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	16 - 16 % (w/w)
Isopropanol	Propan-2-ol	Non-active substance	67-63-0		0 - 0 % (w/w)
2-butoxyethanol	2-butoxy-1-ethanol	Non-active substance	111-76-2		6 - 6 % (w/w)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Non-active substance	85536-14-7	287-494-3	4 - 4 % (w/w)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Non-active substance	68891-38-3	500-234-8	12,4 - 12,4 % (w/w)
1-heptanol, 2-propyl-, 7EO	1-heptanol, 2-propyl-, 7EO	Non-active substance	160875-66-1	605-233-7	3 - 3 % (w/w)
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Non-active substance	85586-07-8	287-809-4	0 - 0 % (w/w)
Akypo LF1	Polyoxyethylene octyl ether carboxylic acid	Non-active substance	53563-70-5	611-013-1	0 - 0 % (w/w)

2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

Hazard statements	<p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H318: Causes serious eye damage.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P260: Do not breathe dust.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe spray.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear face protection.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a doctor.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P501: Dispose of container to appropriate disposal.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Use 3.1 – PT2 open surface disinfection, trigger spraying

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer. After trigger spraying, the product is left to dry.
Application rate(s) and frequency	Application Rate: 20 ml / m ² Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 2% In 15 min contact time At Room Temperature Application rate: 20 ml / m ² Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.1.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 3 – Use 3.1/3.2: 2% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming: the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.1.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.
 Wear chemical resistant PVC gloves (EN374 or equivalent).
 Wear chemical goggles or face shield. Safety glasses with side-shields (EN 166).
 Wear suitable protective clothing minimum (EN 13034) Type 6 equipment. Wear suitable protective clothing.
 Provide adequate ventilation. Wear appropriate mask.
 Do not eat, drink or smoke during use.

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.
 Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.
 Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.
 Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.
 Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C
 Protect from frost
 Shelf-life : 2 years

4.2. Use description 2

Table 2. Use 3.2 – PT4 open surface disinfection, trigger spraying

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In Large-scale kitchens, restaurants, food & beverages industry, feed industry, meat industry, professional kitchens, ... : Disinfection of hard/ non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer. After trigger spraying, the product is left to dry.
Application rate(s) and frequency	Application Rate: 20 ml / m2 Dilution (%): /

	Number and timing of application: Active against bacteria and yeasts Dilution : 2% In 15 min contact time At Room Temperature Application rate: 20 ml / m ² Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.2.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 3 – Use 3.1/3.2: 2% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.2.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield. Safety glasses with side-shields (EN 166).

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment. Wear suitable protective clothing.

Provide adequate ventilation. Wear appropriate mask.

Do not eat, drink or smoke during use.

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.3. Use description 3

Table 3. Use 3.3 – PT2 open surface disinfection, low-pressure spraying

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
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Where relevant, an exact description of the authorised use	<p>Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems.</p> <p>1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems.</p> <p>2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.</p>
Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: Bacteria Development stage: adults</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located.1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.</p>
Application rate(s) and frequency	<p>Application Rate: 200 ml/m2</p> <p>Dilution (%): /</p> <p>Number and timing of application: Active against bacteria and yeasts</p>

	Dilution : 2% In 15 min contact time At Room Temperature Application rate: 200 ml / m2 Frequency: daily
Category(ies) of users	industrial
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.3.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 3 – Use 3.3 & 3.4: 2% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming: the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.3.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield. Safety glasses with side-shields (EN 166).

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment. Wear suitable protective clothing.

Provide adequate ventilation. Wear appropriate mask.

Do not eat, drink or smoke during use.

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.4. Use description 4

Table 4. Use 3.4 – PT4 open surface disinfection, low-pressure spraying

Product type	PT04: Food and feed area
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Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: Bacteria Development stage: adults</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In Food/ feed industry and warehouses : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.</p>
Application rate(s) and frequency	<p>Application Rate: 200 ml/m²</p> <p>Dilution (%): /</p> <p>Number and timing of application: Active against bacteria and yeasts Dilution : 2% In 15 min contact time At Room Temperature Application rate: 200 ml/m² Frequency: daily</p>
Category(ies) of users	industrial
Pack sizes and packaging material	<p>5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)</p>

4.4.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 3 – Use 3.3 & 3.4: 2% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.4.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield. Safety glasses with side-shields (EN 166).

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment. Wear suitable protective clothing.

Provide adequate ventilation. Wear appropriate mask.

Do not eat, drink or smoke during use.

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.5. Use description 5

Table 5. Use 3.5 – PT4 Dipping of objects and instruments

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	Not Relevant
Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: Bacteria Development stage: adults</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: adults</p>
Field(s) of use	<p>indoor use outdoor use</p> <p>Indoors – In Food/ feed industry : Disinfection of hard/non-porous objects and instruments by dipping with prior cleaning.</p>
Application method(s)	<p>Method: open system: dip treatment</p> <p>Detailed description: Objects and instruments are disinfected by submersion in a disinfection bath (volume 1- 20L). First the</p>

	objects are cleaned to remove all visible dirt. The disinfection bath is prepared by pouring the disinfectant in a bath and filling it up with water. The objects are then brought into the bath and left there during the required contact time. Disinfection can also be performed by flooding, i.e. filling an empty bath, which already contains the objects or instruments. In both cases, instruments are completely immersed. After the required contact time, the objects are removed from the bath and left to dry.
Application rate(s) and frequency	Application Rate: required amount depends on bath size (maximum 20L) Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 2% In 15 min contact time At room temperature Frequency: up to 5 times per day
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.5.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product in the dipping bath. Dip the objects during the required exposure time. Remove the objects from the dipping bath and let dry.

Dilution meta SPC 3 – Use 3.5: 2% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by dipping (hard/non-porous surfaces) : The bath is not intended to be re-used. Use the bath only once.

4.5.2. Use-specific risk mitigation measures

No use-specific risk mitigations required for a use frequency up to 5 times per day and a dipping bath size up to 20L

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield. Safety glasses with side-shields (EN 166).

Wear suitable protective clothing minimum (EN 13034) Type 6 equipment. Wear suitable protective clothing.

Provide adequate ventilation. Wear appropriate mask.

Do not eat, drink or smoke during use.

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure, with some exceptions. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

2. Disinfection cycle :

- If required, products must be diluted in potable water before use
- Dilution rate & contact time depends on the use considered.
- Final rinsing (with potable water) : please refer to the description of application method related to each use.

Open containers. Small containers are transferred manually into reservoirs or dilution vessels, while large containers are pumped into reservoirs via a pump.

For all uses, no waiting period is required after application of the biocidal product or between two applications of the product, or the next access by humans or animals to the area where the biocidal product has been used. Cleaning of equipment can be done with water.

5.2. Risk mitigation measures

Avoid contact with skin and eyes

Keep out of reach of children and pets

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Stop leak without risks if possible.

Do not contaminate ground and surface water.

Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

6. OTHER INFORMATION

Existing registrations:

Mida San 325 DA - Pending (UK)

Mida San 325 DA - Pending (Belgium)

Mida San 325 DA - N-8311 (Germany)

Mida San 325 DA - N-8312 (Germany)

Mida San 325 DA - 17-20/40-05690-HÁ (Spain)

Mida San 325 DA - 58457 (France)

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

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

Trade name(s)	Mida San 325 DA	Market area: BE
	Form 325	Market area: BE
Authorisation number	BE-0028600-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	16
2-butoxyethanol	2-butoxy-1-ethanol	Non-active substance	111-76-2		6
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs	Non-active substance	85536-14-7	287-494-3	4
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Non-active substance	68891-38-3	500-234-8	12,4
1-heptanol, 2-propyl-, 7EO	1-heptanol, 2-propyl-, 7EO	Non-active substance	160875-66-1	605-233-7	3

1. META SPC 4 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 4 identifier

Identifier	Meta SPC: 4. Surface disinfectants without surfactants (not flammable)
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1.2. Suffix to the authorisation number

Number	1-3
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT04: Food and feed area
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2. META SPC 4 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 4

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	80 - 80 % (w/w)

2.2. Type(s) of formulation of the meta SPC 4

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 4

Hazard statements	<p>H314: Causes severe skin burns and eye damage.</p> <p>H318: Causes serious eye damage.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P280: Wear protective gloves.</p> <p>P280: Wear face protection.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear protective clothing.</p> <p>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe spray.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P501: Dispose of container to appropriate disposal.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Use 4.1 – PT2 open surface disinfection, trigger spraying

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer.
Application rate(s) and frequency	Application Rate: 20 ml / m ² Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Application rate: 20 ml / m ² Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.1.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 4 – Use 4.1/4.2: 10% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.1.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.2. Use description 2

Table 2. Use 4.2 – PT4 open surface disinfection, trigger spraying

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In Large-scale kitchens, restaurants, food & beverages industry, feed industry, meat industry, professional kitchens, ... : Disinfection of hard/ non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer. After trigger spraying, the product is left to dry.

Application rate(s) and frequency	Application Rate: 20 ml / m2 Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Application rate: 20 ml / m2 Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.2.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 4 – Use 4.1/4.2: 10% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.2.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.3. Use description 3

Table 3. Use 4.3 – PT2 open surface disinfection, low-pressure spraying

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.
Application method(s)	Method: spraying Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.
Application rate(s) and frequency	Application Rate: 200 ml/m ² Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Application rate: 200 ml/m ² Frequency: daily
Category(ies) of users	industrial
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE)

4.3.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 4 – Use 4.3 & 4.4: 10% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.3.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.4. Use description 4

Table 4. Use 4.4 – PT4 open surface disinfection, low-pressure spraying

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria

	<p>Development stage: adults</p> <p>Scientific name: Yeasts</p> <p>Common name: Yeasts</p> <p>Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In Food/ feed industry and warehouses : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system</p>
Application rate(s) and frequency	<p>Application Rate: 200 ml/m²</p> <p>Dilution (%): /</p> <p>Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Application rate: 200 ml / m²</p>
Category(ies) of users	industrial
Pack sizes and packaging material	<p>5, 20 L cans (HDPE)</p> <p>220L vessels (HDPE)</p> <p>1000 litre IBC with screw cap (top) and tap (bottom)</p>

4.4.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 4 – Use 4.3 & 4.4: 10% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.4.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.5. Use description 5

Table 5. Use 4.5 – PT4 Dipping of objects and instruments

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Indoors – In Food/ feed industry : Disinfection of hard/non-porous objects and instruments by dipping with prior cleaning.
Application method(s)	Method: open system: dip treatment Detailed description: Objects and instruments are disinfected by submersion in a disinfection bath (volume 1- 20L). First the objects are cleaned to remove all visible dirt. The disinfection bath is prepared by pouring the disinfectant in a bath and filling it up with water. The objects are then brought into the bath and left

	there during the required contact time. Disinfection can also be performed by flooding, i.e. filling an empty bath, which already contains the objects or instruments. In both cases, instruments are completely immersed. After the required contact time, the objects are removed from the bath and left to dry.
Application rate(s) and frequency	Application Rate: required amount depends on bath size (maximum 20L) Dilution (%): / Number and timing of application: Required amount depends on bath size (maximum 20 L) Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.5.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product in the dipping bath. Dip the objects during the required exposure time. Remove the objects from the dipping bath and let dry.

Dilution meta SPC 4 – Use 4.5: 10% against bacteria and yeasts, 15 min. contact time

Disinfection procedures by dipping (hard/non-porous surfaces) : The bath is not intended to be re-used. Use the bath only once.

4.5.2. Use-specific risk mitigation measures

The product needs to be used in a well-ventilated area.

Can be used without PPE when the use frequency is up to 5 times per day.

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.6. Use description 6

Table 6. Use 4.6 – PT2 Cleaning – In - Place

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: Bacteria Development stage: adults</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of inner hard/non-porous surfaces by CIP (with circulation) with prior cleaning.</p>
Application method(s)	<p>Method: closed system</p> <p>Detailed description: Clean-in-place (CIP) is a method of cleaning/disinfecting the interior surfaces of pipes, vessels, process equipment, filters and associated fittings, without disassembly. Most current CIP systems are fully automated with programmable logic controllers, multiple balance tanks, sensors, valves, heat exchangers, data acquisition and specially designed spray nozzle systems. The disinfectant is present in a stock tank or reservoir and dosed automatically. A typical CIP cycle could contain several steps, such as pre-rinsing, treatment with disinfectant, intermediate rinsing, treatment with acid/cleaning solution, and a final rinsing and drying step. The user is only exposed to the chemicals at the time of replacing empty containers.</p>
Application rate(s) and frequency	<p>Application Rate: depending on characteristics of system</p> <p>Dilution (%): /</p> <p>Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Frequency: daily</p>
Category(ies) of users	industrial
Pack sizes and packaging material	<p>5, 20 L cans (HDPE) 220L vessels (HDPE)</p>

4.6.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Treat piping systems and equipment by means of a circulating pump system as usual in a CIP system.
Dilution meta SPC 4 – Use 4.6 and 4.7: 10% against bacteria and yeasts, 15 min. contact time

4.6.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.7. Use description 7**Table 7. Use 4.7 – PT4 Cleaning – In - Place**

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Indoors – In Food/ feed industry : Disinfection of inner hard/non-porous surfaces by CIP (with circulation) with prior cleaning.

Application method(s)	Method: closed system Detailed description: Clean-in-place (CIP) is a method of cleaning/disinfecting the interior surfaces of pipes, vessels, process equipment and associated fittings, without disassembly. Most current CIP systems are fully automated with programmable logic controllers, multiple balance tanks, sensors, valves, heat exchangers, data acquisition and specially designed spray nozzle systems. The disinfectant is present in a stock tank or reservoir and dosed automatically. A typical CIP cycle could contain several steps, such as pre-rinsing, treatment with disinfectant, intermediate rinsing, treatment with acid/cleaning solution, and a final rinsing and drying step. The user is only exposed to the chemicals at the time of replacing empty containers.
Application rate(s) and frequency	Application Rate: depending on characteristics of system Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 10% In 15 min contact time At Room Temperature Frequency: daily
Category(ies) of users	industrial
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.7.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Treat piping systems and equipment by means of a circulating pump system as usual in a CIP system.

Dilution meta SPC 4 – Use 4.6 and 4.7: 10% against bacteria and yeasts, 15 min. contact time

4.7.2. Use-specific risk mitigation measures

Avoid contact to eyes

Avoid all unnecessary exposure.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166).

Wear suitable protective clothing.

Provide adequate ventilation.

Do not eat, drink or smoke during use.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 4

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure, with some exceptions. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

2. Disinfection cycle :

- If required, products must be diluted in potable water before use
- Dilution rate & contact time depends on the use considered.
- Final rinsing (with potable water) : please refer to the description of application method related to each use.

Open containers. Small containers are transferred manually into reservoirs or dilution vessels, while large containers are pumped into reservoirs via a pump.

For all uses, no waiting period is required after application of the biocidal product or between two applications of the product, or the next access by humans or animals to the area where the biocidal product has been used.

Cleaning of equipment can be done with water.

5.2. Risk mitigation measures

Avoid contact with skin and eyes

Keep out of reach of children and pets

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow.

Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Stop leak without risks if possible.

Do not contaminate ground and surface water.

Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

6. OTHER INFORMATION

Existing registration:

Mida San 332 VB - Pending (Belgium)

Mida San 332 VB - Pending (UK)

Mida San 332 VB - Pending (Hungary)

Mida San 332 VB - N-80740 (Germany)

Form 332 - N-83113 (Germany)

Mida San 332 VB - 58644 (France)

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 4

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

Trade name(s)	Mida San 332 VB	Market area: BE
	Form 332	Market area: BE
Authorisation number	BE-0028600-0003 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	80

1. META SPC 5 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 5 identifier

Identifier	Meta SPC: 5. Surface disinfectants with surfactants (flammable)
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1.2. Suffix to the authorisation number

Number	1-4
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals PT04: Food and feed area
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2. META SPC 5 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 5

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	24 - 24 % (w/w)

2.2. Type(s) of formulation of the meta SPC 5

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 5

Hazard statements	<p>H226: Flammable liquid and vapour.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H318: Causes serious eye damage.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P280: Wear protective clothing.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P501: Dispose of contents to appropriate disposal.</p> <p>P501: Dispose of container to appropriate disposal.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Use 5.1 – PT2 open surface disinfection, trigger spraying

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer.
Application rate(s) and frequency	Application Rate: 20 ml / m ² Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 25% In 5 min contact time At Room Temperature Application rate: 20 ml / m ² Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.1.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 5 – Use 5.1/5.2: 25% against bacteria and yeasts, 5 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.1.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Ensure good ventilation at the workstation.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166). Safety glasses.

Wear suitable protective clothing (EN 14605).

Provide adequate ventilation.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.2. Use description 2

Table 2. Use 5.2 – PT4 open surface disinfection, trigger spraying

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Small and large areas - small surfaces Indoors – In Large-scale kitchens, restaurants, food & beverages industry, feed industry, meat industry, professional kitchens, ... : Disinfection of hard/ non-porous surfaces by trigger spraying with prior cleaning.
Application method(s)	Method: open system Detailed description: The diluted solution is prepared manually and transferred to a hand-held trigger sprayer. After trigger spraying, the product is left to dry.

Application rate(s) and frequency	Application Rate: 20 ml / m2 Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 25% In 5 min contact time At Room Temperature Application rate: 20 ml / m2 Frequency: multiple times per day
Category(ies) of users	professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.2.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product with clean water before use.

Dilution meta SPC 5 – Use 5.1/5.2: 25% against bacteria and yeasts, 5 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.2.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Ensure good ventilation at the workstation.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166). Safety glasses.

Wear suitable protective clothing (EN 14605).

Provide adequate ventilation.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

Stop leak without risks if possible. Do not contaminate ground and surface water. Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.3. Use description 3

Table 3. Use 5.3 – PT2 open surface disinfection, low-pressure spraying

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	<p>Scientific name: bacteria Common name: Bacteria Development stage: adults</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In non-medical areas, non-food industry (e.g. pharmaceuticals, cosmetics), warehouses, institutions, workplaces, buildings, ... : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.</p>
Application rate(s) and frequency	<p>Application Rate: 200 ml/m²</p> <p>Dilution (%): /</p> <p>Number and timing of application: Active against bacteria and yeasts Dilution : 25% In 5 min contact time At Room Temperature Application rate: 200 ml / m²</p>
Category(ies) of users	industrial
Pack sizes and packaging material	<p>5, 20 L cans (HDPE) 220L vessels (HDPE)</p>

1000 litre IBC with screw cap (top) and tap (bottom)

4.3.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 5 – Use 5.3 & 5.4: 25% against bacteria and yeasts, 5 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.3.2. Use-specific risk mitigation measures

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter

Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment

Avoid contact to eyes

Ensure good ventilation at the workstation.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166). Safety glasses.

Wear suitable protective clothing (EN 14605).

Provide adequate ventilation.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

4.4. Use description 4

Table 4. Use 5.4 – PT4 open surface disinfection, low-pressure spraying

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria

	<p>Development stage: adults</p> <p>Scientific name: Yeasts</p> <p>Common name: Yeasts</p> <p>Development stage: adults</p>
Field(s) of use	<p>indoor use</p> <p>Indoors – In Food/ feed industry and warehouses : Disinfection of hard/non-porous surfaces by low pressure spraying or foaming with prior cleaning.</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Disinfection by low pressure spraying or foaming can occur via fixed or mobile systems. 1. Fixed system: 1a central: The product is automatically mixed with water in a chemical storage room outside of the production room. A hose with spray nozzle is connected on the other side of the wall, inside the production room, where the surfaces to disinfect are located. 1b. decentral: The containers with chemicals are located inside the production room, and dilutions are prepared automatically inside the production room by the satellite mixing systems. 2. Mobile systems: 2a system to fill with RTU solution. The spray application system is a mobile system (backpack model or system on wheels). The dilution can be prepared manually or transferred from a system that prepares the ready-to-use solution automatically. 2b system that prepares the RTU solution automatically. The spray application system is a mobile system (usually on wheels). The dilution is prepared automatically by the system.</p>
Application rate(s) and frequency	<p>Application Rate: 200 ml/m²</p> <p>Number and timing of application: Active against bacteria and yeasts Dilution : 25% In 5 min contact time At Room Temperature Application rate: 200 ml / m² Frequency: daily</p>
Category(ies) of users	industrial
Pack sizes and packaging material	<p>5, 20 L cans (HDPE)</p> <p>220L vessels (HDPE)</p> <p>1000 litre IBC with screw cap (top) and tap (bottom)</p>

4.4.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Apply the diluted product on the surface to be disinfected. When disinfecting, use as much liquid so that the surfaces remain wet during the required exposure time.

Apply by low-pressure spraying or foaming equipment.

Dilution meta SPC 5 – Use 5.3 & 5.4: 25% against bacteria and yeasts, 5 min. contact time

Disinfection procedures by pouring/spraying/foaming : the surfaces to be disinfected must be wet enough in order to keep them wet during the required contact time for optimal disinfection. Then, the user should pay attention to wet surfaces completely with the disinfectant solution.

4.4.2. Use-specific risk mitigation measures

Low-pressure spraying or foaming & trigger spray:

Wear appropriate respiratory protective equipment: half/full mask FFP2 with gas filter
 Bystanders are not allowed in the room during the application, except if they wear protective gloves, goggles, clothing and respiratory protective equipment
 Avoid contact to eyes
 Ensure good ventilation at the workstation.
 Wear chemical resistant PVC gloves (EN374 or equivalent).
 Wear chemical goggles or face shield (EN 166). Safety glasses.
 Wear suitable protective clothing (EN 14605).
 Provide adequate ventilation.
 Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.
 Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.
 Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.
 Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.
 Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C
 Protect from frost
 Shelf-life : 2 years

4.5. Use description 5

Table 5. Use 5.5 – PT4 Dipping of objects and instruments

Product type	PT04: Food and feed area
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: adults Scientific name: Yeasts Common name: Yeasts Development stage: adults
Field(s) of use	indoor use Indoors – In Food/ feed industry : Disinfection of hard/non-porous objects and instruments by dipping with prior cleaning.
Application method(s)	Method: open system: dip treatment Detailed description: Objects and instruments are disinfected by submersion in a disinfection bath (volume 1- 20L). First the objects are cleaned to remove all visible dirt. The disinfection bath is prepared by pouring the disinfectant in a bath and filling it

	up with water. The objects are then brought into the bath and left there during the required contact time. Disinfection can also be performed by flooding, i.e. filling an empty bath, which already contains the objects or instruments. In both cases, instruments are completely immersed. After the required contact time, the objects are removed from the bath and left to dry.
Application rate(s) and frequency	Application Rate: required amount depends on bath size (maximum 20L) Dilution (%): / Number and timing of application: Active against bacteria and yeasts Dilution : 25% In 5 min contact time At Room Temperature Frequency: up to 5 times per day
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	5, 20 L cans (HDPE) 220L vessels (HDPE) 1000 litre IBC with screw cap (top) and tap (bottom)

4.5.1. Use-specific instructions for use

All the surfaces to be disinfected must be cleaned before the disinfection procedure. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

Dilute the product in the dipping bath. Dip the objects during the required exposure time. Remove the objects from the dipping bath and let dry

Dilution meta SPC 5 – Use 5.5: 25% against bacteria and yeasts, 5 min. contact time

Disinfection procedures by dipping (hard/non-porous surfaces) : The bath is not intended to be re-used. Use the bath only once.

4.5.2. Use-specific risk mitigation measures

No use-specific risk mitigations required for a use frequency up to 5 times per day and a dipping bath size up to 20L

Avoid contact to eyes

Ensure good ventilation at the workstation.

Wear chemical resistant PVC gloves (EN374 or equivalent).

Wear chemical goggles or face shield (EN 166). Safety glasses.

Wear suitable protective clothing (EN 14605).

Provide adequate ventilation.

Keep uninvolved persons, children and pets away from treated surfaces until dried

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Take victim to fresh air, in a quiet place and if necessary take medical advice.

Skin contact: Remove all contaminated clothing and footwear. Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion: Rinse mouth out with water. Do NOT induce vomiting. Immediately call a POISON CENTER/ doctor.

Stop leak without risks if possible. Do not contaminate ground and surface water. Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 5

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure, with some exceptions. Then, the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

2. Disinfection cycle :

- If required, products must be diluted in potable water before use
- Dilution rate & contact time depends on the use considered.
- Final rinsing (with potable water) : please refer to the description of application method related to each use.

Open containers. Small containers are transferred manually into reservoirs or dilution vessels, while large containers are pumped into reservoirs via a pump.

For all uses, no waiting period is required after application of the biocidal product or between two applications of the product, or the next access by humans or animals to the area where the biocidal product has been used. Cleaning of equipment can be done with water.

5.2. Risk mitigation measures

Avoid contact with skin and eyes

Keep out of reach of children and pets

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

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash with plenty of water. Take off all contaminated clothing and wash it before reuse. Wash with soap and water and continue rinsing for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Call 112/ambulance for medical assistance.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Stop leak without risks if possible.

Do not contaminate ground and groundwater.

Prevent entry to sewers and public waters.

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

Dispose of in accordance with local regulations.

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

Do not store at temperatures above 40°C

Protect from frost

Shelf-life : 2 years

6. OTHER INFORMATION

Existing registrations:

Mida San 331 LW - pending (Belgium)

Mida San 331 LW - N-80739 (Germany)

Form 331 - N-83114 (Germany)

Mida San 331 LW - pending (Hungary)

Mida San 331 LW - pending (UK)

Mida San 331 LW - 58665 (France)

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 5

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

Trade name(s)	Mida San 331 LW	Market area: BE
	Form 331	Market area: BE
Authorisation number	BE-0028600-0004 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
L-(+)-lactic acid		active substance	79-33-4	201-196-2	24
Isopropanol	Propan-2-ol	Non-active substance	67-63-0		10
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	Non-active substance	85586-07-8	287-809-4	1,1565