

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

Mida San 332 VB

Product type(s)

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

PT04: Food and feed area

Authorisation number: BE2022-0001-00-00 1-3

R4BP asset number: BE-0028600-0003

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	Mida San 332 VB Form 332
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Christeyns NV
	Address	Afrikalaan 182 9000 Gent Belgium
Authorisation number	BE2022-0001-00-00 1-3	
<i>R4BP asset number</i>	BE-0028600-0003	
Date of the authorisation	27/05/2022	
Expiry date of the authorisation	31/01/2032	

1.3. 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)

1.4. 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 COMPOSITION AND FORMULATION

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

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

2.2. Type(s) of formulation

SL Soluble concentrate

3. HAZARD AND PRECAUTIONARY STATEMENTS

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)

4.1. Use description

Table 1. Use 4.1 – 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 / 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)

4.1.1. 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

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

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)	<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 : 10% 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)</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 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

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

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

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	5, 20 L cans (HDPE) 220L vessels (HDPE)

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

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

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 USE¹

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

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

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)