

Summary of product characteristics for a biocidal product

Product name: Mida San 334 MF

Product type(s): PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

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PT04 - Food and feed area (Disinfectants)

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Authorisation number: 3458-1

R4BP 3 asset reference number: BG-0031436-0002

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Administrative information

1.1. Trade names of the product

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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	3458-1 1-2	
R4BP 3 asset reference number	BG-0031436-0002	
Date of the authorisation	18/04/2023	
Expiry date of the authorisation	25/12/2031	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Christeyns N.V.
Address of the manufacturer	Afrikalaan 182 9000 Gent Belgium
Location of manufacturing sites	Afrikalaan 182 9000 Gent Belgium

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

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

Name of the manufacturer	Betelgeux sl
Address of the 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 the manufacturer	Christeyns France sa
Address of the manufacturer	Rue de la Maladrie 31, PI de la Vertonne 44120 Vertou France
Location of manufacturing sites	Rue de la Maladrie 31, PI de la Vertonne 44124 Vertou France

Name of the manufacturer	Christeyns Professional Hygiene srl.
Address of the manufacturer	Via Aldo Moro 30 20060 Pessano con Bornago Italy
Location of manufacturing sites	Via Aldo Moro 30 20060 Pessano con Bornago Italy

Name of the manufacturer	Christeyns UK Ltd.
Address of the manufacturer	Rutland Street BD4 7EA Bradford United Kingdom
Location of manufacturing sites	Rutland Street BD4 7EA Bradford United Kingdom

Name of the manufacturer	Christeyns Food Hygiene Ltd.
Address of the manufacturer	2 Cameron Court, Winwick Quay WA2 8RE Warrington United Kingdom
Location of manufacturing sites	2 Cameron Court, Winwick Quay WA2 8RE Warrington United Kingdom

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

Active substance	1354 - Propan-1-ol
Name of the manufacturer	OQ Chemicals GmbH (Formerly OXEA GmbH)
Address of the manufacturer	Otto-Roelen-Str. 3 46147 Oberhausen Germany
Location of manufacturing sites	Oxea corporation. 2001 FM 3057 TX 77404 Bay City United States

Active substance	1355 - Propan-2-ol
Name of the manufacturer	Brenntag GmbH
Address of the manufacturer	Stinnes Platz 1 45472 Mülheim an der Ruhr Germany
Location of manufacturing sites	Shell Nederland Raffinaderij BV, Vondelingenweg 601 3196 KK Rotterdam Netherlands
	Exxon Mobil, 4045 Scenic Hwy, Baton Rouge 70805 LA United States

Active substance	1354 - Propan-1-ol
Name of the manufacturer	Sasol Chemie GmbH & Co. KG
Address of the manufacturer	Anckelmannsplatz 1 20537 Hamburg Germany
Location of manufacturing sites	Secunda Chemical Operations, Sasol Place, 50 Katherine streeed 2090 Sandton South Africa

Active substance	1355 - Propan-2-ol
Name of the manufacturer	Alcoholes Montplet S.A.
Address of the manufacturer	NOVAPEX, NOVACAP, Le Carré Joannès, 29 avenue Joannès Masset CS 10619 69258 Lyon Cedex 09 France
Location of manufacturing sites	NOVAPEX, Rue Gaston Monmousseau 38150 Salaise-sur-Sanne France

2. Product composition and formulation

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Propan-1-ol		Active Substance	71-23-8	200-746-9	34,35
Propan-2-ol		Active Substance	67-63-0	200-661-7	13,68

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	<p>Flammable liquid and vapour.</p> <p>Causes serious eye damage.</p> <p>May cause drowsiness or dizziness.</p> <p>Repeated exposure may cause skin dryness or cracking.</p>
Precautionary statements	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.</p> <p>Avoid breathing spray.</p> <p>Avoid breathing vapours.</p>

Wear eye protection.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents to in accordance with local/regional/national/international regulations..

Dispose of container to in accordance with local/regional/national/international regulations..

Use only outdoors or in a well-ventilated area.

4. Authorised use(s)

4.1 Use description

Use 1 - Use 2.1 – PT2 Open surface disinfection, trigger spraying

Product type	PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)
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</p> <p>Indoors – In Non-food industries, institutions, workplaces, ... : Disinfection of small hard/non-porous surfaces by trigger spraying, with prior cleaning</p>
Application method(s)	<p>Method: Trigger Spraying Detailed description:</p> <p>By trigger spraying : after trigger spraying & required contact time achieved, the product may be wiped off with a tissue or cloth.</p>
Application rate(s) and frequencies	<p>Application Rate: 30 ml / m2 Dilution (%): 100%: ready-to-use Number and timing of application:</p> <p>Active against bacteria & yeasts:</p>

	<p>Ready-to-use At Room Temperature With 5 min contact time Application rate: 30 ml / m² Frequency: daily</p>
Category(ies) of users	<p>Industrial</p> <p>Professional</p>
Pack sizes and packaging material	<p>1 L flasks with separate trigger spraying device (HDPE) 5, 10, 22, 25 L refill cans (HDPE)</p>

4.1.1 Use-specific instructions for use

Please see general instructions for use.

4.1.2 Use-specific risk mitigation measures

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures: Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

Unspecified rooms:

max 1 application per day
 RPE 4 required during application
 unprotected bystanders should not be present during application

Pharmaceutical and cosmetics manufacturing facilities:

RPE 4 required during mixing and loading.

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

Please see general directions for use.

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

Please see general directions for use.

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

Please see general directions for use.

4.2 Use description

Use 2 - Use 2.2 – PT2 Open surface disinfection, low-pressure spraying

Product type	PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: Adults Scientific name: Yeasts Common name: Yeasts Development stage: Adults
Field(s) of use	Indoor Indoors – In Non-food industries (e.g. pharmaceutical) : Disinfection of hard/non-porous surfaces by low-pressure spraying, with prior cleaning.
Application method(s)	Method: Low-pressure spraying Detailed description: By Low-pressure spraying : after low-pressure spraying, the product is left to dry but not wiped off.
Application rate(s) and frequencies	Application Rate: 200 ml / m2 Dilution (%): 100%: ready-to-use Number and timing of application: Active against bacteria & yeasts: Ready-to-use At room temperature

	<p>With 5 min contact time Application rate: 200 ml / m²</p> <p>Frequency: daily</p>
Category(ies) of users	Industrial
Pack sizes and packaging material	5, 10, 22, 25 L cans (HDPE), 220 L vessels (HDPE) 1000 L IBCs (HDPE)

4.2.1 Use-specific instructions for use

Please see general instructions for use.

4.2.2 Use-specific risk mitigation measures

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures: Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

Unspecified rooms:

1 application per day for a maximum of 8 m²
RPE 20 required during application.
Unprotected bystanders should not be present during application

Cleanrooms:

1 application per day for a maximum of 10 m²
RPE 4 and a ventilation rate of 20/h required during application
unprotected bystanders should not be present during application

Laboratories and biotechnology:

1 application per day for a maximum of 10 m²
RPE 10 required during application
unprotected bystanders should not be present during application

Pharmaceutical and cosmetics manufacturing facilities:

1 application per day for a maximum of 10 m²
RPE 4 required during application
unprotected bystanders should not be present during application

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

Please see general directions for use.

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

Please see general directions for use.

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

Please see general directions for use.

4.3 Use description

Use 3 - Use 2.3 – PT4 Open surface disinfection, trigger spraying

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: Adults Scientific name: Yeasts Common name: Yeasts Development stage: Adults
Field(s) of use	Indoor Indoors – In large-scale kitchens, restaurants, food industry: Disinfection of small hard/non-porous surfaces by trigger spraying, with prior cleaning
Application method(s)	Method: Trigger Spraying Detailed description: By trigger spraying : after trigger spraying & required contact time achieved, the product may be wiped off with a tissue or cloth.
Application rate(s) and frequencies	Application Rate: 30 ml / m2 Dilution (%): 100%: ready-to-use

	<p>Number and timing of application:</p> <p>Active against bacteria & yeasts: Ready-to-use</p> <p>At room temperature With 5 min contact time</p> <p>Application rate: 30 ml / m² Frequency: daily</p>
Category(ies) of users	<p>Industrial</p> <p>Professional</p>
Pack sizes and packaging material	<p>1 L flasks with separate trigger spraying device (HDPE) 5, 10, 22, 25 L refill cans (HDPE)</p>

4.3.1 Use-specific instructions for use

Please see general instructions for use

4.3.2 Use-specific risk mitigation measures

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures: Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

Unspecified rooms:

max 1 application per day
RPE 4 required during application
unprotected bystanders should not be present during application

Kitchen and canteens:

RPE 4 required during mixing and loading.

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

Please see general directions for use

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

Please see general directions for use

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

Please see general directions for use

4.4 Use description

Use 4 - Use 2.4 – PT4 Open surface disinfection, low-pressure spraying

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: Adults Scientific name: Yeasts Common name: Yeasts Development stage: Adults
Field(s) of use	Indoor Indoors – In large-scale kitchens, restaurants, food industry: Disinfection of hard/non-porous surfaces by low-pressure spraying, with prior cleaning
Application method(s)	Method: Low-pressure spraying Detailed description: By Low-pressure spraying : after low-pressure spraying, the product is left to dry but not wiped off.
Application rate(s) and frequencies	Application Rate: 200 ml / m2 Dilution (%): 100%: ready-to-use Number and timing of application: Active against bacteria & yeasts: Ready-to-use

	<p>At room temperature With 5 min contact time Application rate: 200 ml / m²</p> <p>Frequency: daily</p>
Category(ies) of users	Industrial
Pack sizes and packaging material	<p>5, 10, 22, 25 L cans (HDPE), 220 L vessels (HDPE) 1000 L IBCs (HDPE)</p>

4.4.1 Use-specific instructions for use

Please see general instructions for use.

4.4.2 Use-specific risk mitigation measures

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures: Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

Unspecified rooms:

1 application per day for a maximum of 8 m²
RPE 20 required during application
unprotected bystanders should not be present during application

Institutional kitchens and canteens:

1 application per day for a maximum of 10 m²
RPE 4 required during application
unprotected bystanders should not be present during application

Industrial kitchens:

1 application per day for a maximum of 10 m²

Industrial production rooms:

1 application per day for a maximum of 10 m²

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

Please see general directions for use.

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

Please see general directions for use.

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

Please see general directions for use.

4.5 Use description

Use 5 - Use 2.5 – PT4 Object Disinfection by dipping

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	not relevant
Target organism(s) (including development stage)	Scientific name: bacteria Common name: Bacteria Development stage: Adults Scientific name: Yeasts Common name: Yeasts Development stage: Adults
Field(s) of use	Indoor Indoors – In large-scale kitchens, restaurants, food industry: Disinfection of hard/non-porous surfaces (objects) by dipping, with prior cleaning
Application method(s)	Method: Dipping Detailed description: Disinfection of instruments or equipment by means of dipping (entering objects in a pre-filled bath) or filling (filling an empty bath, which already contains the objects). In both cases, objects are completely immersed. Application Rate: 25 litres

Application rate(s) and frequencies

Dilution (%): 100%: ready-to-use
Number and timing of application:
Active against bacteria & yeasts:
Ready-to-use
At room temperature
With 5 min contact time

Frequency: daily

Category(ies) of users

Industrial

Professional

Pack sizes and packaging material

5, 10, 22, 25 L cans (HDPE), 220 L vessels (HDPE)
1000 L IBCs (HDPE)

4.5.1 Use-specific instructions for use

Please see general instructions for use.

4.5.2 Use-specific risk mitigation measures

Please see general directions for use.

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

Please see general directions for use.

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

Please see general directions for use.

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

Please see general directions for use.

5. General directions for use

5.1. Instructions for use

- Disinfection procedures by spraying, wiping or dipping :

All the surfaces to be disinfected should be cleaned/rinsed/dried before the disinfection procedure: the user should thoroughly clean, rinse and drain the cleaning liquids from the surfaces to be disinfected.

- Disinfection cycle :

All the products must be used UNDILUTED.

Please refer to the description of application method related to each use to duly know the required CONTACT TIME and if a FINAL RINSE (with potable water) after disinfection is required.

- - For the disinfection procedures by trigger spraying : Make sure to wet the surfaces completely, allow to take effect for the specified contact time.

- Disinfection procedures by dipping : The bath is not intended to be re-used. Use the bath only once a day after work & replace it by a fresh solution daily.

5.2. Risk mitigation measures

Use in well ventilated areas.
Provide adequate ventilation before entering treated rooms.
Not for use in areas accessible for the general public.

Disinfection by trigger spraying:

Wear protective chemical resistant gloves during product handling phase.
The use of eye protection (safety goggles) during handling of the product is mandatory.
Wear a face shield during product handling phase.

Disinfection by low pressure spraying:

Wear protective chemical resistant gloves during product handling phase.
The use of eye protection (full face mask) during handling of the product is mandatory.
A protective overall which is impermeable for the biocidal product shall be worn.

Disinfection by dipping:

Wear protective chemical resistant gloves during product handling phase.
The use of eye protection (safety goggles) during handling of the product is mandatory.
Wear a face shield during product handling phase.

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

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation occurs: Get medical advice.

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. 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.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Irritation of the respiratory tract and the other mucous membranes. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness.

Indication of any immediate medical attention and special treatment needed: Prompt action is critical.

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

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

Technical measures:

Proper grounding procedures to avoid static electricity should be followed.

Storage conditions:

Keep only in the original container in a cool, well ventilated place.

Avoid high temperatures.

Protect from direct sunlight.

Protect from frost.

Incompatible products: Strong acids. Strong bases.

Shelf-life: 2 years

6. Other information

The product contains Propan-2-ol, for which an AEC inhalation for the professional user was agreed and used for the risk assessment of the product.