Summary of product characteristics for a biocidal product

Product name: ACIDOFOAM CF

Product type(s):

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

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

PT03 - Veterinary hygiene (Disinfectants)

PT03 - Veterinary hygiene (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

Authorisation number: EU_0026179-0000

R4BP 3 asset reference number: EU-0026179-0004

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Administrative information

1.1. Trade names of the product

ACIDOFOAM CF HyPro Biocide 3.2-23a TECHMA OXI PB

1.2. Authorisation holder

Name and address of the authorisation holder	Name	SOPURA
	Address	rue de Trazegnies 199 6180 COURCELLES Belgium
Authorisation number	EU_0026179-0000 1-3	

R4BP 3 asset reference number	EU-0026179-0004
Date of the authorisation	12/07/2022
Expiry date of the authorisation	30/06/2032

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	SOPURA N.V.
Address of the manufacturer	Rue de Trazegnies 199 6180 COURCELLES Belgium
Location of manufacturing sites	Rue de Trazegnies 199 6180 COURCELLES Belgium

Name of the manufacturer	SOPURA QUIMICA
Address of the manufacturer	Poligon "La Canaleta", Avinguda Júpiter 7 25300 TARREGA Spain
Location of manufacturing sites	Poligon "La Canaleta", Avinguda Júpiter 7 25300 TARREGA Spain

Name of the manufacturer	HYPRED SAS (KERSIA Group)
Address of the manufacturer	55, Boulevard Jules Verger (BP 10180) 35803 DINARD France
Location of manufacturing sites	55, Boulevard Jules Verger (BP 10180) 35803 DINARD France
	Niepruszewo, ul. Kasztanowa 64-320 Buk Poland

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

Active substance	1340 - Peracetic acid
Name of the manufacturer	SOPURA N.V.
Address of the manufacturer	Rue de Trazegnies 199 6180 COURCELLES Belgium
Location of manufacturing sites	Rue de Trazegnies 199 6180 COURCELLES Belgium

Active substance	1340 - Peracetic acid
Name of the manufacturer	SOPURA QUIMICA
Address of the manufacturer	Poligon "La Canaleta", Avinguda Júpiter 7 25300 TARREGA Spain
Location of manufacturing sites	Poligon "La Canaleta", Avinguda Júpiter 7 25300 TARREGA Spain

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	Niepruszewo, ul. Kasztanowa 64-320 Buk Poland

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 (%)
Peracetic acid		Active Substance	79-21-0	201-186-8	3,2
Sulfuric acid		Non-active substance	7664-93-9	231-639-5	0,8
Hydrogen peroxide		Non-active substance	7722-84-1	231-765-0	23,5
Acetic acid		Non-active substance	64-19-7	200-580-7	6,1

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements

May intensify fire; oxidiser

May be corrosive to metals.

Harmful if swallowed.Harmful in contact with skin.

Causes severe skin burns and eye damage.

Causes serious eye damage.

May cause respiratory irritation.

Very toxic to aquatic life with long lasting effects.

Precautionary statements	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking. Wear protective gloves. Wear face protection. Wear eye protection. IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with water. 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/doctor. Take any precaution to avoid mixing with combustibles . Avoid breathing vapours. Wash hands thoroughly after handling. Do no eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Specific treatment (see information on this label). Rinse mouth. Wash contaminated clothing before reuse. IF SWALLOWED:Call a POISON CENTER/doctor if you feel unwell. IF ON SKIN:Wash with plenty of water. IF SWALLOWED:Rinse mouth.Do NOT induce vomiting. IF INHALED:Remove person to fresh air and keep comfortable for breathing. Take off immediately all contaminated clothing.And wash it before reuse. Store locked up. Store in a well-ventilated place.Keep container tightly closed. Dispose of contents to in accordance with local/regional/national/international regulations.. Wear protective clothing. Dispose of container to in accordance with local/regional/national/international regulations.. Keep cool. Avoid release to the environment. Collect spillage. IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with shower. Avoid breathing spray. Do not breathe vapours.

	Do not breathe vapours.

4. Authorised use(s)

4.1 Use description

Use 1 - Disinfection of surfaces in industrial, public and non-medical healthcare areas. – foam application on surfaces

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	..
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor In industrial, public and non-medical healthcare areas. : Disinfection of hard/non-porous surfaces by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: By foaming via a small foaming can with the diluted product
Application rate(s) and frequencies	Application Rate: - Dilution (%): Against bacteria and yeasts : Non-medical healthcare areas With 0,048% PAA (Dilution of the product at 1.5 % i.e. 1500 mL / 100 L) at Room Temperature in 5 min contact time. Application rate : 20 mL/m² Use other than in HEALTHCARE With 0,048% PAA (Dilution of the product at 1.5 % i.e. 1500 mL / 100 L) in 15 min contact time, efficient use temperature from +4°C up to Room Temperature. Application rate : 30 mL/m² Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.1.1 Use-specific instructions for use

See general directions for use

4.1.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.2 Use description

Use 2 - Disinfection of surfaces and agriculture/horticulture equipment by foaming, manually (in absence of plants - for general hygiene purpose only)

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	..
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor In agriculture/horticulture areas : Disinfection of hard/non-porous surfaces/equipment by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: By foaming via a small foaming can with the diluted product Foaming is only applied downwards and in a horizontal direction.
Application rate(s) and frequencies	Application Rate: Between 20 and 200 mL/m2 Dilution (%): Against bacteria and yeasts : With 0,048% PAA (Dilution of the product at 1.5 % i.e. 1500 mL / 100 L) in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.2.1 Use-specific instructions for use

See general directions for use

4.2.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
Use of respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.3 Use description

Use 3 - Disinfection of surfaces and agriculture/horticulture equipment by automatic foaming (in absence of plants - for general hygiene purpose only)

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	.
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:

Field(s) of use	Indoor In agriculture/horticulture areas : Disinfection of hard/non-porous surfaces/equipment by automatic foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is foamed on the equipment in an automated way while the user is present, seated in a personal enclosure/in a closed cabin (ex. tractor equipped with a spraying/foaming device). Foaming is only applied downwards and in a horizontal direction.
Application rate(s) and frequencies	Application Rate: - Dilution (%): Against bacteria and yeasts : With 0,048% PAA (Dilution of the product at 1.5 % i.e. 1500 mL / 100 L) in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.3.1 Use-specific instructions for use

See general directions for use

4.3.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing & loading.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate

possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
The application is automatic and should only take place when no one is present in the treated area.
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.4 Use description

Use 4 - Disinfection of surfaces and agriculture/horticulture equipment by automatic foaming (closed rooms) (in absence of plants - for general hygiene purpose only)

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	..
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor In agriculture/horticulture areas : Disinfection of hard/non-porous surfaces/equipment by automatic foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is foamed on the surfaces in an automated way without any user being present.

Application rate(s) and frequencies	Application Rate: - Dilution (%): Against bacteria and yeasts : With 0,048% PAA (Dilution of the product at 1.5 % i.e. 1500 mL / 100 L) in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.4.1 Use-specific instructions for use

See general directions for use

4.4.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing & loading.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
The application is automatic and should only take place when no one is present in the treated area.
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.5 Use description

Use 5 - Disinfection of animal houses by foaming – foaming with personal enclosure

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	.
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor In animal housing Disinfection of hard/non-porous surfaces by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is automatically foamed in all directions on the surfaces / walls, via

	a foaming device. The user is present, seated in a personal enclosure/in a closed cabin (ex. tractor equipped with a spraying/foaming device)
Application rate(s) and frequencies	Application Rate: - Dilution (%): Against bacteria, yeasts and viruses : With 0,064% PAA (Dilution of the product at 2 % i.e. 2000 mL / 100 L) in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.5.1 Use-specific instructions for use

It has to be assured that animals are not present when treatment takes place.

4.5.2 Use-specific risk mitigation measures

Dermal protection:
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection:.
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading and of a factor of 10 during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken
The application should only take place with the user in a personal enclosure and no other person is present.
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".
Only treatment of empty animal housings. Re-entry of animals only after adequate ventilation and when surfaces are dried.
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.6 Use description

Use 6 - Disinfection of animal houses by foaming – foaming without personal enclosure

Product type	PT03 - Veterinary hygiene (Disinfectants)
Where relevant, an exact description of the authorised use	..
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor In animal housing Disinfection of hard/non-porous surfaces by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is automatically foamed on the surfaces / walls, in all directions, via a foaming device.
Application rate(s) and frequencies	Application Rate: - Dilution (%): Against bacteria, yeasts and viruses : With 0,064% PAA (Dilution of the product at 2 % i.e. 2000 mL / 100 L) in 60 min contact time. Number and timing of application: /

Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.6.1 Use-specific instructions for use

It has to be assured that animals are not present when treatment takes place.

4.6.2 Use-specific risk mitigation measures

Dermal protection:
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection:.
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
Use of respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".

Only treatment of empty animal housings. Re-entry of animals only after adequate ventilation and when surfaces are dried.
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.7 Use description

Use 7 - Disinfection of surfaces by foaming – foaming with personal enclosure

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	.
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Bacterial spores Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Bacteriophages Development stage:
Field(s) of use	Indoor In food industry : Disinfection of hard/non-porous surfaces by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is automatically foamed on the surfaces / walls, in all directions, via a foaming device. The user is present, seated in a personal enclosure/in a closed cabin (ex. tractor equipped with a spraying/foaming device)

Application rate(s) and frequencies	Application Rate: Between 20 and 200 mL/m2 Dilution (%): Against bacteria & yeasts : With 0,048% PAA (Dilution of the product at 1.5% i.e. 1500 mL / 100 L) in 15 min contact time, efficient use temperature from +4°C up to Room Temperature. Against bacteria (including bacterial spores), yeasts and viruses (including bacteriophages): With 0,064% PAA (Dilution of the product at 2 % i.e. 2000 mL / 100 L) at Room Temperature in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.7.1 Use-specific instructions for use

See general directions for use

4.7.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
Respiratory protection with an APF of 10 is required during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
The application should only take place with the user in a personal enclosure and no other person is present.
Rinse the pump and disconnect it from the installation before maintenance”
“The treated surface should not be allowed to dry prior to rinsing”.
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

4.8 Use description

Use 8 - Disinfection of surfaces by foaming – without personal enclosure

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	.
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Bacterial spores Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: Bacteriophages Development stage:
Field(s) of use	Indoor Indoor – In food industry : Disinfection of hard/non-porous surfaces by foaming with prior cleaning
Application method(s)	Method: Foam application Detailed description: The diluted product is automatically foamed on the surfaces / walls, in all directions, via a foaming device.
Application rate(s) and frequencies	Application Rate: Between 20 and 200 mL/m2 Dilution (%): Against bacteria & yeasts : With 0,048% PAA (Dilution of the product at 1.5% i.e. 1500 mL / 100 L) in 15 min contact time, efficient use temperature from +4°C up to Room Temperature. Against bacteria (including bacterial spores), yeasts and

	viruses (including bacteriophages): With 0,064% PAA (Dilution of the product at 2 % i.e. 2000 mL / 100 L) at Room Temperature in 60 min contact time. Number and timing of application: /
Category(ies) of users	Industrial Professional
Pack sizes and packaging material	HDPE with screw and venting caps (weight depends on density of product): Jerry cans (10 to 25 kg), Drums (200 to 250 kg), IBC (1000 to 1200 kg), 1 L bottles, bulk delivery.

4.8.1 Use-specific instructions for use

See general directions for use

4.8.2 Use-specific risk mitigation measures

Dermal protection :
Use appropriate safety glasses and/or face shield during the mixing, loading & application phase.
Respiratory protection: .
Use of respiratory protective equipment (RPE) providing a protection factor of 4 is mandatory during mixing and loading.
Use of respiratory protective equipment (RPE) providing a protection factor of 40 is mandatory during the application phase.
When the product is being used in areas accessible to the public, mark treated areas during the treatment period and indicate possible risks for humans and non-target organisms (e.g. primary and secondary poisoning) as well as first measures to be taken in case of poisoning
Rinse the pump and disconnect it from the installation before maintenance"
"The treated surface should not be allowed to dry prior to rinsing".
Re-entry of the general public only when surfaces are dried and after sufficient ventilation.

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

See general directions for use..

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

See general directions for use..

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

See general directions for use..

5. General directions for use

5.1. Instructions for use

1. All the surfaces to be disinfected must be cleaned before the disinfection procedure
2. Disinfection cycle :

• Products must be diluted in potable water before use.

• Dilution rate & contact time depends on the use considered. Please refer to the description of application method related to each use.

• Final rinsing (with potable water) is mandatory : after the disinfection procedure, treated surfaces are rinsed with water and the water is drained into the sewer system. For exceptions, please refer to the description of application method related to each use.
Meta SPC 3 : Disinfection procedures **by foaming**
Only for use in areas that are inaccessible to the general public and companion animals.
No access for the general public during treatment.

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.

5.2. Risk mitigation measures

Dermal protection :
Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
A protective coverall which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information).

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

Indirect effects
The two products are oxidising agents and reactive. In case of thermal decomposition steam and oxygen will be released as decomposition products. The release of oxygen may support combustion.
Also, contact with impurities, decomposition catalysts, metallic salts, alkalis, reducing agents may lead to self-accelerated, exothermic decomposition and the formation of oxygen.
In case of decomposition of the products in confined spaces and pipers, there is a risk of overpressure and burst.
First aid measures
Ø **General advice**
Move out of dangerous area.
Take care of your own personal safety.
Take off immediately all contaminated clothing.
Ø **Inhalation**
Take affected persons out into the fresh air.
Possible discomfort: Irritates skin and mucous linings of the eyes and respiratory tract and cough.
If breathing difficulties occur (e.g. severe continual coughing): Keep patient half sitting with upper body raised; keep warm and in a quiet place; call a physician immediately.
Ø **Skin contact**
After contact with skin, wash immediately with plenty of water.
Consult a physician.
Take off immediately all contaminated clothing.
Immediately rinse contaminated or saturated clothing with water.
Ø **Eye contact**
With eye held open, thoroughly rinse immediately with plenty of water for at least 10 minutes.
Protect unharmed eye.
Continue rinsing process with eye rinsing solution.
Call ambulance (caustic burn of the eyes)
Immediate further treatment in ophthalmic hospital/ophthalmologist.
Continue rinsing eye until arrival at ophthalmic hospital.
Ø **Ingestion**
Do not induce vomiting.
Danger of penetration of the lungs (danger to breathing) when swallowed or vomited, due to gas evolution and foam formation.
Only when patient fully conscious: have the mouth rinsed with water; have the patient drink plenty of water in small sips; keep patient warm and at rest.
Notify ambulance immediately (key word: acid burn).
Ø **Notes to physician**
Therapy as for chemical burn.
Following inhalation:
Formation of a toxic lung oedema is possible if product continues to be inhaled despite acute irritative effect (e.g. if it is not possible to leave the danger area).
Prophylaxis of a toxic lung oedema with inhalative steroids (dosing spray, e.g. auxilosone).
If substance has been swallowed:
Aspiration hazard.
Risk of gaseous embolisms.
In case of excessive strain on the stomach due to gas evolution, insert siphon tube.
Early endoscopy in order to assess mucosa lesions in the oesophagus and stomach which may appear.
If necessary, suck away leftover substance.
Do not administer activated charcoal, since risk of release of large amounts of gas from hydrogen peroxide.
Emergency measures to protect the environment
Observe regulations on prevention of water pollution (collect, dam up, cover up).
Do not allow to run into water channels, surface water or into the ground.
Ø **Methods for cleaning up**
Clean contaminated surface thoroughly; recommended cleaning agent is water.
In case of small spills, dilute product with lots of water and rinse away or absorb product with liquid-binding material, e.g. chemi-sorption, diatomaceous earth, universal binder. Do not use textiles, saw dust, combustible substances. After binding, pick up mechanically and collect in suitable containers. Dispose of absorbed material in accordance with the regulations.
Ø **Additional advice**
Make safe or remove all sources of ignition.
Isolate defective containers immediately, if possible and safe to do.
Shut off leak, if possible and safe to do.
Place defective containers in waste receptacle (waste packaging receptacle) made of plastic (not metal).
Do not seal defective containers or waste receptacles airtight (danger of bursting due to product decomposition).
Product taken out should not be returned into container.
Never return spilled product into its original container for re-use (risk of decomposition).

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

Do not discharge unused product on the ground, into water courses, into pipes (sink, toilets…) nor down the drains
Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

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

Keep only in the original packaging tightly closed in a cool and well-ventilated place Keep products away from direct sunlight, source of heat and ignition

The shelf life of the biocidal product is 6 months.

The products must be stored at temperatures below +30°C.

6. Other information

Reference values of peracetic acid and hydrogen peroxide used for the risk assessment :
PAA : AECinhal = 0.5 mg/m^3
HP : AECinhal = 1.25 mg/m^3