

Summary of product characteristics for a biocidal product

Product name: A-QUASAN

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

PT03 - Veterinary hygiene (Disinfectants)

PT04 - Food and feed area (Disinfectants)

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Authorisation number: DE-0020842-03-04

R4BP 3 asset reference number: DE-0020842-0000

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Administrative information

1.1. Trade names of the product

A-QUASAN

1.2. Authorisation holder

Name and address of the authorisation holder	Name	MENNO CHEMIE-VERTRIEB GMBH
	Address	Langer Kamp 104 22850 Norderstedt Germany
Authorisation number	DE-0020842-03-04	
R4BP 3 asset reference number	DE-0020842-0000	
Date of the authorisation	22/04/2022	
Expiry date of the authorisation	18/02/2031	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	MENNO CHEMIE-VERTRIEB GMBH
Address of the manufacturer	Langer Kamp 104 22850 Norderstedt Germany
Location of manufacturing sites	A.F.P. Antiseptica Forschungs- und Produktionsgesellschaft mbH, Otto-Brenner-Straße 16 21337 Lüneburg Germany

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

Active substance	1248 - Benzoic acid
Name of the manufacturer	CVH Chemie-Vertrieb GmbH & Co. Hannover KG
Address of the manufacturer	Podbielskistr. 22 30163 Hannover Germany
Location of manufacturing sites	n.a. see section 6 (other information) n.a. see section 6 (other information) n.a. see section 6 (other information) Germany

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 (%)
Benzoic acid		Active Substance	65-85-0	200-618-2	9,09
n-Propanol	Propan-1-ol	Non-active substance	71-23-8	200-746-9	21,7
2-Propanol	Propan-2-ol	Non-active substance	67-63-0	200-661-7	13
Formic acid	Formic acid	Non-active substance	64-18-6	200-579-1	4,2
Ethylene glycol	Ethane-1,2-diol	Non-active substance	107-21-1	203-473-3	16,01

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements	<p>Highly flammable liquid and vapour.</p> <p>Causes serious eye damage.</p> <p>May cause drowsiness or dizziness.</p> <p>May cause damage to organs lungs through prolonged or repeated exposure inhalation.</p> <p>Repeated exposure may cause skin dryness or cracking.</p>
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Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.

Do not breathe vapours.

Do not breathe spray.

Wear gloves/protective clothing/eye protection/face protection.

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.

Dispose of contents to an officially recognized waste disposal facility..

Keep container tightly closed.

Avoid release to the environment.

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.

Call a POISON CENTER/doctor/... if you feel unwell.

Get medical advice if you feel unwell.

Store in a well-ventilated place. Keep cool.

Use only outdoors or in a well-ventilated area.

4. Authorised use(s)

4.1 Use description

Use 1 - Disinfectant of hard surfaces - Professional user - Spraying - Indoor

Product type

PT03 - Veterinary hygiene (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of non-porous hard surfaces (e.g. work and storage surfaces, boxes, crates, transport surfaces, tools, machines)

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Field(s) of use	Indoor Disinfection of clean non-porous surfaces in the following areas: - Veterinary health care (Veterinary clinics, veterinary testing laboratories and associated equipment) - Companion animals (animals housing, e.g. kennels, hutches and cages, as well as associated equipment)
Application method(s)	Method: Spraying Detailed description: With a low-pressure sprayer or as a foam.
Application rate(s) and frequencies	Application Rate: 0.4 L/m ² Dilution (%): Bacteria & Yeast (10 °C): 4.5 %, 30 min; 3.5 %, 60 min, 3 %, 120 min Bacteria & Yeast (20 °C): 4 %, 30 min; 3.5 %, 60 min, 3 %, 120 min Number and timing of application: The product solution is to be applied as often as necessary. A maximum number of applications each day is restricted by the exposure times recommended for the target organism(s). Applications in veterinary clinics typically occur about once a day but can be more frequent in the operating room when a problem is indicated.
Category(ies) of users	Professional
Pack sizes and packaging material	Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE Bottle with handle 2 L HDPE screw cap HDPE Jerry can 10 L HDPE screw cap HDPE Jerry can 20 L HDPE screw cap HDPE Jerry can 30 L HDPE screw cap HDPE Drum 220 L HDPE L-Ring drum Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton Outer packaging for 6 x 2 L bottles 337 x 281 x 256 mm (L x W x H) Fibreboard carton

4.1.1 Use-specific instructions for use

Only use on clean non-porous surfaces.

4.1.2 Use-specific risk mitigation measures

See chapter 5.2

1) Treated surfaces and equipment have to be dried before re-use.

2) Treated surfaces have to be rinsed with tap water after recommended exposure time.

3) No application of the product on surfaces to which cats may have prolonged contact.

4) Use only in well-ventilated areas.

Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures:
5) Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information).

6) Wear protective chemical resistant gloves during handling phase (glove material to be specified by the authorisation holder within the product information).

7) A protective coverall (type 6, EN 13034 (coated coverall)) shall be worn.

8) Wear suitable protective footwear against chemicals (EN 13832) when applying the product.

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

See chapter 5.3

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

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

See chapter 5.5

4.2 Use description

Use 2 - Disinfectant of equipment by soaking - Professional user - Dipping - Indoor

Product type

PT03 - Veterinary hygiene (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of equipment by soaking (e.g. doshes, cutlery, equipment, small machinery, machine items, crates, boxes)

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Field(s) of use

<p>Application method(s)</p>	<p>Indoor</p> <p>Disinfection of clean non-porous surfaces in the following areas: - Veterinary health care (Veterinary clinics, veterinary testing laboratories and associated equipment) - Companion animals (animals housing, e.g. kennels, hutches and cages, as well as associated equipment)</p> <p>Method: Open system: dip treatment Detailed description: Equipment are dipped in a fix vessel filled with the product solution.</p>
<p>Application rate(s) and frequencies</p>	<p>Application Rate: - Dilution (%): Bacteria & Yeast (10 °C): 4.5 %, 30 min; 3.5 %, 60 min, 3 %, 120 min Bacteria & Yeast (20 °C): 4 %, 30 min; 3.5 %, 60 min, 3 %, 120 min Number and timing of application:</p> <p>The product solution is to be applied as often as necessary. A maximum number of applications each day is restricted by the exposure times recommended for the target organism(s).</p> <p>Applications in veterinary clinics typically occur about once a day but can be more frequent in the operating room when a problem is indicated.</p>
<p>Category(ies) of users</p>	<p>Professional</p>
<p>Pack sizes and packaging material</p>	<p>Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE Bottle with handle 2 L HDPE screw cap HDPE Jerry can 10 L HDPE screw cap HDPE Jerry can 20 L HDPE screw cap HDPE Jerry can 30 L HDPE screw cap HDPE Drum 220 L HDPE L-Ring drum Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton Outer packaging for 6 x 2 L bottles 337 x 281 x 256 mm (L x W x H) Fibreboard carton</p>

4.2.1 Use-specific instructions for use

Only use on clean equipment.

4.2.2 Use-specific risk mitigation measures

See chapter 5.2

- 1) Treated surfaces and equipment have to be dried before re-use.
- 2) Treated surfaces have to be rinsed with tap water after recommended exposure time.
- 3) No application of the product on surfaces to which cats may have prolonged contact.

4) Use only in well-ventilated areas.

Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures:
5) Wear protective chemical resistant gloves during handling phase (glove material to be specified by the authorisation holder within the product information).

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 chapter 5.3

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

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

See chapter 5.5

4.3 Use description

Use 3 - Disinfectant of hard surfaces - Professional user - Spraying - Indoor

Product type

PT04 - Food and feed area (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of non-porous hard surfaces (e.g. work and storage surfaces, boxes, crates, transport surfaces, tools, machines) for protection against human pathogens

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Scientific name: Fungus
Common name: Fungus
Development stage:

Field(s) of use

Indoor

For use in food production facilities, beverage production facilities, warehouses, refrigerated warehouses and areas in greenhouses where food is processed

Application method(s)

Method: Spraying
Detailed description:

<p>Application rate(s) and frequencies</p>	<p>With a low-pressure sprayer or as a foam.</p> <p>Application Rate: 0.4 L/m² Dilution (%): The product concentration to be used depends on the target organism: Bacteria & Yeast (10 °C): 2.5 %, 15 min; 2 %, 30 min Bacteria & Yeast (20 °C): 2.5 %, 15 min; 2 %, 30 min, 1.5 %, 60 min Fungi (20 °C): 6 %, 15 min, 5 %, 30 min; 4 %, 60 min Number and timing of application: The product solution is to be applied as often as necessary. A maximum number of applications each day is restricted by the exposure times recommended for the target organism(s).</p>
<p>Category(ies) of users</p>	<p>Professional</p>
<p>Pack sizes and packaging material</p>	<p>Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE Bottle with handle 2 L HDPE screw cap HDPE Jerry can 10 L HDPE screw cap HDPE Jerry can 20 L HDPE screw cap HDPE Jerry can 30 L HDPE screw cap HDPE Drum 220 L HDPE L-Ring drum Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton Outer packaging for 6 x 2 L bottles 337 x 281 x 256 mm (L x W x H) Fibreboard carton</p>

4.3.1 Use-specific instructions for use

<ol style="list-style-type: none"> 1. Only use on clean surfaces. 2. Use only in greenhouses in which food is processed. 3. Inside greenhouses, use only in areas where food is processed.

4.3.2 Use-specific risk mitigation measures

<p>See chapter 5.2</p> <p>1) After the recommended treatment time, before the treated surfaces and equipment are reused, they have to be rinsed with tap water. Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).</p> <p>The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures: 2) Use of respiratory protective equipment (RPE) providing a protection factor of 10 is mandatory. At least a powered air purifying respirator with helmet/hood/mask (TH1/TM1), or a half/full mask with combination filter gas/P2 is required (filter type (code letter, colour) to be specified by the authorisation holder within the product information). 3) Wear protective chemical resistant gloves during handling phase (glove material to be specified by the authorisation holder within the product information).</p>
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the product information).

4) A protective coverall (type 6, EN 13034 (coated coverall)) shall be worn.

5) Wear suitable protective footwear against chemicals (EN 13832) when applying the product.

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

See chapter 5.3

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

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

See chapter 5.5

4.4 Use description

Use 4 - Disinfectant of equipment by soaking - Professional user - Dipping - Indoor

Product type

PT04 - Food and feed area (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of equipment by soaking (e.g. dishes, cutlery, equipment, small machinery, machine items, crates, boxes) for protection against human pathogens

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Scientific name: Fungus
Common name: Fungus
Development stage:

Field(s) of use

Indoor

For use in food production facilities, beverage production facilities, warehouses, refrigerated warehouses and areas in greenhouses where food is processed

Application method(s)

Method: Open system: dip treatment

Detailed description:

Equipment are dipped in a fixed vessel filled with the product solution.

Application rate(s) and frequencies

Application Rate: -
Dilution (%): The product concentration to be used depends on the target organism:
Bacteria & Yeast (10 °C): 2.5 %, 15 min; 2 %, 30 min Bacteria & Yeast (20 °C): 2.5 %, 15 min; 2 %, 30 min, 1.5 %, 60 min Fungi (20 °C): 6 %, 15 min, 5 %, 30 min; 4 %, 60 min
Number and timing of application:

The product solution is to be applied as often as necessary. A maximum number of applications each day is restricted by the exposure times recommended for the target organism(s).

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE
Bottle with handle 2 L HDPE screw cap HDPE
Jerry can 10 L HDPE screw cap HDPE
Jerry can 20 L HDPE screw cap HDPE
Jerry can 30 L HDPE screw cap HDPE
Drum 220 L HDPE L-Ring drum
Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton

Outer packaging for 6 x 2 L bottles 337 x 281 x 256 mm (L x W x H) Fibreboard carton

4.4.1 Use-specific instructions for use

1. Only use on clean equipment.
2. Use only in greenhouses in which food is processed.
3. Inside greenhouses, use only in areas where food is processed.

4.4.2 Use-specific risk mitigation measures

See chapter 5.2

1) After the recommended treatment time, before the treated surfaces and equipment are reused, they have to be rinsed with tap water.

Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures:

2) Wear protective chemical resistant gloves during handling phase (glove material to be specified by the authorisation holder within the product information).

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 chapter 5.3

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

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

See chapter 5.5

4.5 Use description

Use 5 - Disinfectant of inner surfaces without circulation - Professional user - Indoor

Product type

PT04 - Food and feed area (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of inner surfaces without circulation (e.g. pipes, tanks, fillers, mixer, other machines which come into contact with food) for protection against human pathogens

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage: no da

Scientific name: Fungus
Common name: Fungus
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Field(s) of use

Indoor

For use in food production facilities, beverage production facilities, warehouses, refrigerated warehouses, and greenhouses where food is processed

Application method(s)

Method: Closed system: Fill up (e.g., pipe) system with product solution
Detailed description:

Inner surfaces (e.g., pipes) are filled up with the product solution for the recommended treatment time. After the recommended treatment time is up, the system is to be emptied of the solution and rinsed with tap water.

Application rate(s) and frequencies

Application Rate: -
Dilution (%): The product concentration to be used depends on the target organism.
Bacteria & Yeast (10 °C): 2.5 %, 15 min; 2 %, 30 min Bacteria & Yeast (20 °C): 2.5 %, 15 min; 2 %, 30 min, 1.5 %, 60 min Fungi (20 °C): 6 %, 15 min, 5 %, 30 min; 4 %, 60 min
Number and timing of application:
The product solution is to be applied as often as necessary. A maximum number of applications each day is restricted by the exposure times recommended for the target organism(s).

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE
Bottle with handle 2 L HDPE screw cap HDPE
Jerry can 10 L HDPE screw cap HDPE
Jerry can 20 L HDPE screw cap HDPE
Jerry can 30 L HDPE screw cap HDPE
Drum 220 L HDPE L-Ring drum
Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton

Outer packaging for 6 x 2 L bottle 337 x 281 x 256 mm (L x W x H) Fibreboard carton

4.5.1 Use-specific instructions for use

- 1) Only use on clean surfaces.
- 2) The use of a dosing pump for manual loading is required.
- 3) Use only in greenhouses in which food is processed.
- 4) Inside greenhouses, use only in areas where food is processed.

4.5.2 Use-specific risk mitigation measures

See chapter 5.2

After the recommended treatment time, before the treated pipes and machinery are reused, they have to be rinsed with tap water.

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 chapter 5.3

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

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

See chapter 2.5.5

4.6 Use description

Use 6 - Disinfectant of surfaces on human drinking water systems - Professional user - Indoor

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	Disinfectant of surfaces in human drinking water systems (e.g. pipes, tanks, fillers, mixer, other machines which come into contact with food) for protection against human pathogens
Target organism(s) (including development stage)	<p>Scientific name: Bacteria Common name: Bacteria Development stage: no da</p> <p>Scientific name: Fungus Common name: Fungus Development stage:</p> <p>Scientific name: Yeast Common name: Yeast Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>For use in food production facilities, beverage production facilities, warehouses, refrigerated warehouses, and greenhouses where food is processed</p>
Application method(s)	<p>Method: Closed system: Fill up (e.g., pipe) system with product solution Detailed description: Pipe systems are filled up with the product solution for the recommended treatment time. After the recommended treatment time is up, the system is to be emptied of the solution and rinsed with tap water.</p>
Application rate(s) and frequencies	<p>Application Rate: - Dilution (%): The product concentration to be used depends on the target organism. Bacteria & Yeast (10 °C): 2.5 %, 15 min; 2 %, 30 min Bacteria & Yeast (20 °C): 2,5 %, 15 min; 2 %, 30 min, 1.5 %, 60 min Fungi (20 °C): 6 %, 15 min, 5 %, 30 min; 4 %, 60 min</p>

Number and timing of application:
The pipe system is to be filled with the product solution after it has been dosed and mixed as appropriate for the target organism(s). The product solution is to be applied as often as necessary with a maximum of once per day and preferably once per week.

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE
Bottle with handle 2 L HDPE screw cap HDPE
Jerry can 10 L HDPE screw cap HDPE
Jerry can 20 L HDPE screw cap HDPE
Jerry can 30 L HDPE screw cap HDPE
Drum 220 L HDPE L-Ring drum
Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton

Outer packaging for 6 x 2 L bottle 337 x 281 x 256 mm (L x W x H) Fibreboard carton

4.6.1 Use-specific instructions for use

- 1) Only use on clean surfaces.
- 2) The use of a dosing pump for manual loading is required.
- 3) Use only in greenhouses in which food is processed.
- 4) Inside greenhouses, use only in areas where food is processed.

4.6.2 Use-specific risk mitigation measures

See chapter 5.2

After the recommended treatment time, before the treated pipes and machinery are reused, they have to be rinsed with tap water.

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 chapter 5.3

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

See chapter 5.4

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

See chapter 2.5.5

4.7 Use description

Use 7 - Disinfectant of surfaces on veterinary water systems - Professional user - Indoor

Product type

PT04 - Food and feed area (Disinfectants)

Where relevant, an exact description of the authorised use

Disinfectant of surfaces in veterinary water systems

Target organism(s) (including development stage)

Scientific name: Bacteria
Common name: Bacteria
Development stage: no da

Scientific name: Fungus
Common name: Fungus
Development stage:

Scientific name: Yeast
Common name: Yeast
Development stage:

Field(s) of use

Indoor

For use in

- veterinary practices, animal shelters, and animal feeding areas
- animal husbandry (animal houses, market pens, slaughterhouses, etc.)

Application method(s)

Method: Closed system: Fill up (e.g., pipe) system with product solution

Detailed description:

Pipe systems are filled up with the product solution for the recommended treatment time. After the recommended treatment time is up, the system is to be emptied of the solution and rinsed with tap water.

Application rate(s) and frequencies

Application Rate: -

Dilution (%): The product concentration to be used depends on the target organism.
Bacteria & Yeast (10 °C): 2.5 %, 15 min; 2 %, 30 min Bacteria & Yeast (20 °C): 2.5 %, 15 min; 2 %, 30 min, 1.5 %, 60 min Fungi (20 °C): 6 %, 15 min, 5 %, 30 min; 4 %, 60 min

Number and timing of application:

The pipe system is to be filled with the product solution after it has been dosed and mixed as appropriate for the target organism(s). The product solution is to be applied as often as necessary with a maximum of once per day and preferably once per week.

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle 1 L HDPE screw cap/child safety closure – DIN 25/13 HDPE
Bottle with handle 2 L HDPE screw cap HDPE
Jerry can 10 L HDPE screw cap HDPE
Jerry can 20 L HDPE screw cap HDPE
Jerry can 30 L HDPE screw cap HDPE
Drum 220 L HDPE L-Ring drum
Outer packaging for 10 x 1 L bottles 355 x 182 x 213 mm (L x W x H) Fibreboard carton

Outer packaging for 6 x 2 L bottle 337 x 281 x 256 mm (L x W x H) Fibreboard carton

4.7.1 Use-specific instructions for use

1) Only use on clean surfaces.
2) The use of a dosing pump for manual loading is required.

4.7.2 Use-specific risk mitigation measures

See chapter 5.2
After the recommended treatment time, before the treated pipes and machinery are reused, they have to be rinsed with tap water.

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 chapter 5.3

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

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

See chapter 5.5

5. General directions for use

5.1. Instructions for use

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5.2. Risk mitigation measures

Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures).
The following risk mitigation measure shall be applied unless they can be replaced by technical and/or organisational measures:
The use of eye protection during handling of the product is mandatory.

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

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/doctor/...
Call a POISON CENTRE/doctor/... if you feel unwell.
Get medical advice/attention if you feel unwell.

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

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

- 1) Shelf-life: 5 years
- 2) Keep away from food, drinks and feeding stuff.

6. Other information

Information on the manufacturer of the active substance: In the CAR of the AS it is stated that the applicant himself does not manufacture the AS. Additionally it is stated, that only benzoic acid with specification for pharmaceutical grade is purchased from different suppliers and will be used in biocidal products. It was agreed on TM IV 2011 that pharmaceutical grade with a minimum purity of 99% and no impurity >0.1% was deemed acceptable.
Therefore no specific AS manufacturer and location of manufacturing site can be named. The company who provided the certificate of analysis for the AS is named here instead.