

Summary of product characteristics for a biocidal product

Product name: Peracétique 2% Hydra

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

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Authorisation number: CZ-0027425-0000

R4BP 3 asset reference number: CZ-0027425-0002

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Administrative information

1.1. Trade names of the product

DLO2
AQUAFLASH

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Hydrachim
	Address	ZA du piquet 35370 Etrelles France
Authorisation number	CZ-0027425-0000 1-2	

R4BP 3 asset reference number

CZ-0027425-0002

Date of the authorisation

01/11/2021

Expiry date of the authorisation

10/08/2030

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	QUARON SAS
Address of the manufacturer	3 Rue de la Buhotière 35091 Rennes France
Location of manufacturing sites	3 Rue de la Buhotière 35091 Rennes France

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

Active substance	1340 - Peracetic acid
Name of the manufacturer	QUARON SAS
Address of the manufacturer	3 Rue de la Buhotière 35091 Rennes France
Location of manufacturing sites	3 Rue de la Buhotière 35091 Rennes 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 (%)
Peracetic acid		Active Substance	79-21-0	201-186-8	2
Hydrogen peroxide		Non-active substance	7722-84-1	231-765-0	35,5
Acetic acid		Non-active substance	64-19-7	200-580-7	2,2
Sulphuric acid		Non-active substance	7664-93-9		0,3
Ethoxylated fatty acid		Non-active substance			0

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements	<p>May be corrosive to metals.</p> <p>Harmful if swallowed.Harmful if inhaled.</p> <p>Causes severe skin burns and eye damage.</p> <p>May cause respiratory irritation.</p> <p>Toxic to aquatic life with long lasting effects.</p>
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Precautionary statements

Wear protective gloves.

Wear protective clothing.

Wear eye protection.

Wear face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

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.

Do not breathe dust.

Do not breathe fume.

Do not breathe gas.

Do not breathe mist.

Do not breathe vapours.

Do not breathe spray.

Keep only in original packaging.

Avoid release to the environment.

4. Authorised use(s)

4.1 Use description

Use 1 - Disinfection of water in private and public swimming pool, in balneotherapy basin and in private ponds

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: Fungi/yeasts
Development stage:

Scientific name:
Common name: Algae
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Field(s) of use

Indoor
Outdoor
1a. Indoors and outdoors disinfection of water in private and public swimming pool, in balneotherapy basin and in private ponds before water discharging.
1b. Indoors and outdoors shock disinfection of water in private and public swimming pool, in balneotherapy basin and in private ponds.

Application method(s)

Method: Open system
Detailed description:
The concentrate solution is automatically diluted in the water to treat at 0.01% to 0.5% (v/v), via a proportional automatic dosage system, a venturi system, or is applied directly to the water to disinfect by a manual mixing and loading.
The product is applied in dirty conditions in order to proceed to a curative disinfection that can take place for more than 12 hours. The treated surfaces are rinsed with drinking water after the indicated contact time only when the water is discharged.

Application rate(s) and frequencies

Application Rate: -
Dilution (%): 0.01 to 0.5 (v/v)
Number and timing of application:
The product is used once or twice a year (occasional use) during the sanitary emptying or 2 to 5 times a year if there is a contamination and a shock treatment is required.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.1.1 Use-specific instructions for use

4.1.2 Use-specific risk mitigation measures

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

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

4.2 Use description

Use 2 - Surfaces disinfection by manual spraying in private and public swimming pool, in balneotherapy basin and in private ponds

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: Fungi/yeasts Development stage: Scientific name: Common name: Algae Development stage: Scientific name: Common name: Viruses Development stage:
Field(s) of use	Indoor Outdoor Indoors and outdoors disinfection of open surfaces, materials or equipments, walls or floors by manual spraying in private and public swimming pool, in balneotherapy basin and in private ponds.
Application method(s)	Method: Spraying Detailed description: The concentrate solution is diluted in tap water from 0.01% to 4% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied manually by spraying on surfaces. The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product can be applied on dirty surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.

Application rate(s) and frequencies

Application Rate: The application dose is 20mL/m².
Dilution (%): 0.01 to 4 (v/v)
Number and timing of application:
The product is used once a day, 220 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.2.1 Use-specific instructions for use

4.2.2 Use-specific risk mitigation measures

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

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

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

4.3 Use description

Use 3 - Disinfection of closed circulation circuits for cleaning-in-place in private and public swimming pool, in balneotherapy basin, in private ponds and in sanitary hot water network

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

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Target organism(s) (including development stage)

Scientific name:
Common name: Bacteria
Development stage:

Scientific name:
Common name: Fungi/yeasts
Development stage:

Scientific name:
Common name: Algae
Development stage:

Scientific name:
Common name: Viruses
Development stage:

Field(s) of use

Indoor

Outdoor

Indoors and outdoors disinfection of closed circulation circuits for cleaning-in-place in private and public swimming pool, in balneotherapy basin, in private ponds and in sanitary water network (radiators).

Application method(s)

Method: Closed system
Detailed description:
The concentrate solution is diluted in tap water from 0.01% to 4% (v/v), via a proportional automatic dosage system or a venturi system.
The diluted product is applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place.

The diluted product is applied at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.

Application rate(s) and frequencies

Application Rate: -
Dilution (%): 0.01 to 4 (v/v)
Number and timing of application:
The product is used once a day, 220 days per year.

Category(ies) of users

Trained professional

Pack sizes and packaging material

0.25-1-5-10-20-200-1000L HDPE

4.3.1 Use-specific instructions for use

4.3.2 Use-specific risk mitigation measures

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

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

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

5. General directions for use

5.1. Instructions for use

Please refer to the authorised uses.

5.2. Risk mitigation measures

- 1) For manual mixing and loading for PT2 applications: gloves, a protective coat and a face shield is required. No RPE is necessary.
- 2) For Automatic pumping/mixing and loading applications for PT2: gloves, a protective coat, a face shield and a Full mask (P2 type) is required.
- 3) For manual spraying for PT 2 applications in industries: No PPE is necessary. But a half mask (P2 type) is required.
- 4) For manual spraying for PT 2 applications in institutions: No PPE is necessary. But a half mask (P3 type) is required.
- 5) For manual rinsing and manual draining for PT 2 applications: no personal protective equipment (PPE) and RPE is required.
- 6) In order to protect the environment, a thiosulfate neutralization can be performed in order to decompose peracetic acid and hydrogen peroxide that could potentially persist after treatment. For this neutralization, sodium thiosulfate as a powder (technical Na₂S₂O₃ 5H₂O, purity > 98.5%) can be directly added in the water. This neutralization could be required when the product is used for the disinfection of pool waters (Use 1).

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

Likely direct or indirect effects:

- May be corrosive to metals.
- Harmful if swallowed or if inhaled.
- Causes severe skin burns and eye damage.
- May cause respiratory irritation.
- Toxic to aquatic life with long lasting effects.

First aid instructions:

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- 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.

Emergency measures to protect the environment:

- Avoid release to the environment.
- Keep only in original container.

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

- Avoid release to the environment.
- Keep only in original container.

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

Store at ambient temperature.

Shelf-life under normal conditions of storage : 2 years.

6. Other information