

Summary of product characteristics for a biocidal product

Product name: ACIDE DÉTARTRANT DÉSINFECTANT H₂O₂ + HNO₃

Product type(s): PT04 - Food and feed area (Disinfectants)

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Authorisation number: FR-2020-0025

R4BP 3 asset reference number: FR-0017467-0000

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Administrative information

1.1. Trade names of the product

Acide détartrant désinfectant H ₂ O ₂ + HNO ₃
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	GFB COM 09
	Address	95 cours Lafayette 69006 LYON France
Authorisation number	FR-2020-0025	
R4BP 3 asset reference number	FR-0017467-0000	
Date of the authorisation	20/07/2020	
Expiry date of the authorisation	19/07/2030	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	QUARON SAS
Address of the manufacturer	3 rue de la Buhotière – Saint-Jacques de la Lande BP 89 152 35091 Rennes CEDEX 9 France
Location of manufacturing sites	3 rue de la Buhotière – Saint-Jacques de la Lande BP 89 152 35136 Rennes CEDEX 9 France
	Rue des Criquiers 60 220 Formerie France

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

Active substance	1315 - Hydrogen peroxide
Name of the manufacturer	SOLVAY CHEMICALS INTERNATIONAL SA
Address of the manufacturer	Rue de ransbeek, 310 1120 Bruxelles Belgium
Location of manufacturing sites	Zandvliet, Scheldelaan 600, Haven 725 2040 Antwerp Belgium

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 (%)
Hydrogen peroxide		Active Substance	7722-84-1	231-765-0	5
nitric acid	-		7697-37-2	231-714-2	18
2-(2-butoxyethoxy)ethanol	-		112-34-5	203-961-6	5
Phosphoric acid	-		7664-38-2	231-633-2	0,0048

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements	<p>May be corrosive to metals.</p> <p>Causes severe skin burns and eye damage.</p> <p>Corrosive to the respiratory tract.</p>
Precautionary statements	<p>Keep only in original packaging.</p> <p>Absorb spillage to prevent material damage.</p> <p>Wash ... thoroughly after handling.</p>

Do not breathe vapours.

Wear protective gloves/protective clothing/eye protection/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.

Wash contaminated clothing before reuse.

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

Immediately call a POISON CENTER/doctor.

Specific treatment (see ... on this label).

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

Store locked up.

Dispose of contents to

4. Authorised use(s)

4.1 Use description

Use 1 - Closed circulation circuits in agri-food industry

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	Disinfection of circuits, pumps, pipes, closed tanks and closed equipment in contact with foodstuffs and drinking water, in the agri-food industries
Target organism(s) (including development stage)	<p>Scientific name: Common name: Bacteria Development stage:</p> <p>Scientific name: Common name: Bacteria Development stage: Bacterial spores Bacteria</p> <p>Scientific name: Common name: Yeasts Development stage:</p> <p>Scientific name: Common name: Viruses Development stage:</p> <p>Scientific name: Common name: bacteriophage Development stage:</p>
Field(s) of use	<p>Other</p> <p>Agri-food industries</p>

Application method(s)	<p>Closed system -</p> <p>Closed system, automatic circulation application (CIP)</p>
Application rate(s) and frequencies	<p>- - - -</p> <p>Apply at 4% v/v, during 30 minutes, at 50°C minimum for bactericidal and yeasticidal efficacy.</p> <p>Apply at 4% v/v, during 15 minutes, at 50°C minimum for virucidal efficacy.</p> <p>Apply at 4% v/v, during 5 minutes, at 50°C minimum for efficacy against bacteriophages.</p> <p>Apply at 4% v/v, during 15 minutes, at 75°C minimum for sporicidal efficacy.</p>
Category(ies) of users	<p>Professional</p>
Pack sizes and packaging material	<ul style="list-style-type: none"> - HDPE Bottle (1 L) - HDPE Can (5 to 20 L) - HDPE Drum (60 to 220 L) - HDPE Bulk container (1000 L)

4.1.1 Use-specific instructions for use

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4.1.2 Use-specific risk mitigation measures

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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

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

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

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4.2 Use description

Use 2 - Closed circulation circuits in milking parlour system

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	Disinfection of circuits, pumps, pipes, closed tanks and closed equipment in contact with milk, in milking parlour systems.
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Bacteria Development stage: Bacterial spores Bacteria Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: bacteriophage Development stage:
Field(s) of use	Other Milking parlour system
Application method(s)	Closed system - Closed system, automatic circulation application (CIP)

Application rate(s) and frequencies

Apply at 4% v/v, during 30 minutes, at 50°C minimum for bactericidal and yeasticidal efficacy.
Apply at 4% v/v, during 15 minutes, at 50°C minimum for virucidal efficacy.
Apply at 4% v/v, during 5 minutes, at 50°C minimum for efficacy against bacteriophages.
Apply at 4% v/v, during 15 minutes, at 75°C minimum for sporicidal efficacy.

Category(ies) of users

Professional

Pack sizes and packaging material

- HDPE Bottle (1 L)
- HDPE Can (5 to 20 L)
- HDPE Drum (60 to 220 L)
- HDPE Bulk container (1000 L)

4.2.1 Use-specific instructions for use

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4.2.2 Use-specific risk mitigation measures

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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

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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

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4.3 Use description

Use 3 - Automated spraying

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	Disinfection of small equipments in contact with foodstuffs by automated spraying in closed washing machines, in the agri-food industries and institutional kitchens
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Bacteria Development stage: Bacterial spores Bacteria Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Viruses Development stage: Scientific name: Common name: bacteriophage Development stage:
Field(s) of use	Other Agri-food industries and institutional kitchens
Application method(s)	Closed system - Apply at 4% v/v, during 30 minutes, at 50°C minimum for bactericidal and yeasticidal efficacy. Apply at 4% v/v, during 15 minutes, at 50°C minimum for virucidal efficacy. Apply at 4% v/v, during 5 minutes, at 50°C minimum for efficacy against bacteriophages. Apply at 4% v/v, during 15 minutes, at 75°C minimum for sporicidal efficacy.

Application rate(s) and frequencies

Apply at 4% v/v, during 30 minutes, at 50°C minimum for bactericidal and yeasticidal efficacy.
Apply at 4% v/v, during 15 minutes, at 50°C minimum for virucidal efficacy.
Apply at 4% v/v, during 5 minutes, at 50°C minimum for efficacy against bacteriophages.
Apply at 4% v/v, during 15 minutes, at 75°C minimum for sporicidal efficacy.

Category(ies) of users

Professional

Pack sizes and packaging material

- HDPE Bottle (1 L)
- HDPE Can (5 to 20 L)
- HDPE Drum (60 to 220 L)
- HDPE Bulk container (1000 L)

4.3.1 Use-specific instructions for use

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4.3.2 Use-specific risk mitigation measures

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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

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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

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5. General directions for use

5.1. Instructions for use

- Always read the label or leaflet before use and respect all the instructions provided.
- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- Apply only on non-porous surfaces
- Refer to hygiene plan in place in order to ensure that necessary efficacy level is achieved.
- Prewash the system with hot water or with an alkaline product followed by a rinsing with drinking water. The product is a soluble concentrate (SL) to be diluted in drinking water via automatic proportional dosing system for automatic circulation application (CIP).

5.2. Risk mitigation measures

- After required contact time, rinse treated surfaces with potable water before reusing the surfaces.
- Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), coverall, goggles and respiratory mask (minimum APF 10) during the handling of the product.
- The product may only be used in installations where the waste water is treated biologically at least before being discharged into the environment.

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

- Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with water. Contact poison treatment specialist if symptoms occur.
- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 10 minutes. Get medical attention if irritation or vision impairment occurs.
- Ingestion: Wash out mouth with water. Contact poison treatment specialist. Seek medical advice immediately if symptoms occur and/or large quantities have been ingested. Do not give fluids or induce vomiting.
- Inhalation (of spray mist): Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.
- In case of impaired consciousness place in recovery position and seek medical advice immediately.
- Keep the container or label available.

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

- Shelf-life : 2 months.
- Do not expose to direct sunlight

6. Other information

- The authorization holder should report any observed incidents related to the efficacy to the Competent Authorities (CA)