

# Summary of product characteristics for a biocidal product

**Product name:** ACIDE DÉTARTRANT DÉSINFECTANT H<sub>2</sub>O<sub>2</sub> + MSA + H<sub>2</sub>SO<sub>4</sub>

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

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**Authorisation number:** FR-2020-0026

**R4BP 3 asset reference number:** FR-0017469-0000

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## Administrative information

### 1.1. Trade names of the product

Acide détartrant désinfectant H2O2 + MSA + H2SO4

### 1.2. Authorisation holder

<b>Name and address of the authorisation holder</b>	Name	GFB COM 09
	Address	95 cours Lafayette 69006 LYON France
<b>Authorisation number</b>		FR-2020-0026
<b>R4BP 3 asset reference number</b>		FR-0017469-0000
<b>Date of the authorisation</b>		20/07/2020
<b>Expiry date of the authorisation</b>		19/07/2030

### 1.3. Manufacturer(s) of the biocidal products

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

<b>Name of the manufacturer</b>	Hydrachim
<b>Address of the manufacturer</b>	ZA du piquet 35370 Etreilles France
<b>Location of manufacturing sites</b>	Route de Saint Poix 35370 Le Pertre France
	ZA La Pointe 35380 Plelan Le Grand France

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

<b>Active substance</b>	1315 - Hydrogen peroxide
<b>Name of the manufacturer</b>	SOLVAY CHEMICALS INTERNATIONAL SA
<b>Address of the manufacturer</b>	Rue de ransbeek, 310 1120 Bruxelles Belgium
<b>Location of manufacturing sites</b>	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	15
sulphuric acid			7664-93-9	231-639-5	9,5
Methanesulfonicacid	-		75-75-2	200-898-6	14

### 2.2. Type of formulation

### 3. Hazard and precautionary statements

#### Hazard statements

May be corrosive to metals.  
Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Corrosive to the respiratory tract.  
Causes serious eye damage.

#### Precautionary statements

Keep only in original packaging.  
Absorb spillage to prevent material damage.  
Do not breathe vapours.  
Wash ... thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
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:  
Immediately call a 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

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Disinfection of circuits, pumps, pipes, closed tanks and closed equipment in contact with foodstuffs and drinking water, in the agri-food industries.
<b>Target organism(s) (including development stage)</b>	<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>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Professional use in agro-food industries.</p>
<b>Application method(s)</b>	<p>Closed system -</p> <p>Closed system, automatic circulation application (CIP)</p>
<b>Application rate(s) and frequencies</b>	<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>
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p>- HDPE Bottle (1 L)</p> <p>- HDPE Jerrycan (5 to 20 L)</p> <p>- HDPE Drum (60 to 220 L)</p> <p>- HDPE Bulk container (1000 L)</p>

**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**

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Disinfection of circuits, pumps, pipes, closed tanks and closed equipment in contact with milk, in milking parlour systems.
<b>Target organism(s) (including development stage)</b>	<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>

Scientific name:  
Common name: bacteriophage  
Development stage:

**Field(s) of use**

Indoor  
Milking parlours 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 Jerrycan (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**

Indoor  
  
Agri-food industries and institutional kitchens

<b>Application method(s)</b>	Closed system - Closed system
<b>Application rate(s) and frequencies</b>	- - - - 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.
<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	- HDPE Bottle (1 L) - HDPE Jerrycan (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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**4.4 Use description**

**Use 4 - Manual and automated dipping**

<b>Product type</b>	PT04 - Food and feed area (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Disinfection of small equipment in contact with foodstuffs by manual or automated dipping, in the agri-food industries.
<b>Target organism(s) (including development stage)</b>	<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>
<b>Field(s) of use</b>	<p>Indoor</p> <p>Agri-food industries</p>
<b>Application method(s)</b>	<p>Closed system -</p> <p>Closed system</p>
<b>Application rate(s) and frequencies</b>	<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% w/w, during 15 minutes, at 75°C minimum for sporicidal efficacy.</p> <p>After the appropriate contact time, rinse the treated surface with drinking water.</p> <p>Apply at an adequate frequency based on the hygiene plan in place.</p>

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

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

**4.4.1 Use-specific instructions for use**

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**4.4.2 Use-specific risk mitigation measures**

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**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**

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**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**

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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 or by manual dosing.

## 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 years
- Do not store at a temperature higher than 30 °C
- 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).