

# Summary of product characteristics for a biocidal product

**Product name:** Harpic Lime Scale Remover Original

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

**Authorisation number:** LV/16/NA/02

**R4BP 3 asset reference number:** LV-0004942-0005

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## Administrative information

### 1.1. Trade names of the product

Harpic Lime Scale Remover Original tualetes tīrīšanas līdzeklis
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### 1.2. Authorisation holder

**Name and address of the authorisation holder**

Name	Reckitt Benckiser Production (Poland) Sp z o.o.
Address	Okunin 1 05-100 Nowy Dwor Mazowiecki Poland
Authorisation number	LV/16/NA/02 1-1

**R4BP 3 asset reference number**

LV-0004942-0005

**Date of the authorisation**

30/06/2016

**Expiry date of the authorisation**

21/06/2026

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

**Name of the manufacturer**

Reckitt Benckiser (UK) Ltd

**Address of the manufacturer**

Sinfin Lane DE24 9GG Derby United Kingdom

**Location of manufacturing sites**

Sinfin Lane DE24 9GG Derby United Kingdom

<b>Name of the manufacturer</b>	P.P.H.U. TRANS-CHEM
<b>Address of the manufacturer</b>	ul. Przemysłowa 5 05-100 Nowy Dwor Mazowiecki Poland
<b>Location of manufacturing sites</b>	ul. Przemysłowa 5 05-100 Nowy Dwor Mazowiecki Poland

<b>Name of the manufacturer</b>	Reckitt Benckiser Production (Poland) sp z.o.o.,
<b>Address of the manufacturer</b>	Ul Okunin 1 05-100 Nowy Dwor Mazowiecki Poland
<b>Location of manufacturing sites</b>	Ul Okunin 1 05-100 Nowy Dwor Mazowiecki Poland

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

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	Ineos Chlor Limited
<b>Address of the manufacturer</b>	South Parade, PO Box 9 WA7 4JE Runcorn United Kingdom
<b>Location of manufacturing sites</b>	South Parade, PO Box 9 WA7 4JE Runcorn United Kingdom

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	BASF SE
<b>Address of the manufacturer</b>	Carl-Bosch-Str. 38, Ludwigshafen am Rhein, Rheinland-Pfalz 67056 Ludwigshafen Germany
<b>Location of manufacturing sites</b>	Carl-Bosch-Str. 38, Ludwigshafen am Rhein, Rheinland-Pfalz 67056 Ludwigshafen Germany

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	PCC Rokita SA
<b>Address of the manufacturer</b>	ul. Sienkiewicza 4 56-120 Brzeg Dolny Poland
<b>Location of manufacturing sites</b>	ul. Sienkiewicza 4 56-120 Brzeg Dolny Poland

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	Brenntag Polska Sp. z o.o.
<b>Address of the manufacturer</b>	ul. J. Bema 21 47-224 Kędzierzyn-Koźle Poland
<b>Location of manufacturing sites</b>	Wojska Polskiego 65 85-825 Bydgoszcz Poland

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	Industrial Chemicals Limited
<b>Address of the manufacturer</b>	Hogg Lane, Grays, Essex RM17 5DU Grays United Kingdom
<b>Location of manufacturing sites</b>	Stoneness Road, West Thurrock, Grays, Essex RM20 3AG Grays United Kingdom

<b>Active substance</b>	36 - Hydrochloric acid
<b>Name of the manufacturer</b>	Borregaard AS
<b>Address of the manufacturer</b>	PO Box 162 N-1071 Sarpsborg Norway
<b>Location of manufacturing sites</b>	Gardsgata 20, C-Port 1721 Sarpsborg Norway

## 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 (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	6,75
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,345
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,208

## 2.2. Type of formulation

Ready to use liquid

## 3. Hazard and precautionary statements

### Hazard statements

Causes severe skin burns and eye damage.  
 May be corrosive to metals.  
 Harmful to aquatic life with long lasting effects.

### Precautionary statements

Keep out of reach of children.  
 Read carefully and follow all instructions.  
 Store locked up.  
 Keep only in original packaging.  
 Wash hands thoroughly after handling.  
 Wear protective gloves.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 Immediately call a POISON CENTER.  
 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.  
 Avoid release to the environment.  
 Dispose of contents to local regulations.

## 4. Authorised use(s)

## 4.1 Use description

### Use 1 - Surface disinfectant for toilet bowls in private and domestic situations

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Used as surface disinfectant for toilet bowls
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: <i>Pseudomonas aeruginosa</i> Common name: <i>Pseudomonas aeruginosa</i>, bacteria Development stage: Vegetative cells (exponential phase)</p> <p>Scientific name: <i>Staphylococcus aureus</i> Common name: <i>Staphylococcus aureus</i>, bacteria Development stage: Vegetative cells (exponential phase)</p> <p>Scientific name: <i>Escherichia coli</i> Common name: <i>Escherichia coli</i>, bacteria Development stage: Vegetative cells (exponential phase)</p> <p>Scientific name: <i>Enterococcus hirae</i> Common name: <i>Enterococcus hirae</i>, bacteria Development stage: Vegetative cells (exponential phase)</p> <p>Scientific name: <i>Bacillus subtilis</i> Common name: <i>Bacillus subtilis</i>, bacterial spore Development stage: Spore</p> <p>Scientific name: <i>Candida albicans</i> Common name: <i>Candida albicans</i>, fungi (yeast) Development stage: Spore and spore producing structures</p> <p>Scientific name: <i>Aspergillus brasiliensis</i> Common name: <i>Aspergillus brasiliensis</i> (niger), fungi (mould) Development stage: Spore and spore producing structures</p> <p>Scientific name: Adenovirus type 5, Strain Adenoid 75 Common name: Adenovirus type 5, virus Development stage: Viral particles</p> <p>Scientific name: Poliovirus type 1, Strain Sabin NIBSC 01/528 Common name: Poliovirus type 1, virus Development stage: Viral particles</p>
<b>Field(s) of use</b>	Indoor  Toilet bowl disinfectant cleaner
<b>Application method(s)</b>	Method: Pouring Detailed description: Product to be applied by the user by directing the nozzle under the rim of the toilet bowl. Instructions are provided to the user to apply enough product to cover the toilet bowl completely.
<b>Application rate(s) and frequencies</b>	Application Rate: ~80 mL as per label instructions Dilution (%): 0 Number and timing of application: Not restricted. As required
<b>Category(ies) of users</b>	

**Pack sizes and packaging material**

Trained professional Professional General public (non-professional)
Bottle, Plastic: HDPE , 500 mL Bottle, Plastic: HDPE , 750 mL Bottle, Plastic: HDPE , 900 mL Bottle, Plastic: HDPE , 1000 mL  Opaque high density polyethylene (HDPE) bottle. The plug of packaging should <u>only</u> be in accordance with the technical drawing defined in PAR  The plug of packaging should <u>only</u> be in accordance with the technical drawing defined in PAR

**4.1.1 Use-specific instructions for use**

We recommend you wear gloves while you disinfect and clean your toilet.

1. Lift up the toilet seat and carefully direct the nozzle under the toilet rim.
2. Squeeze and apply slowly all around the inside of the bowl, allowing enough liquid to cover the bowl completely.
3. For [optimum] cleaning results leave for [1/5/10/30] minutes, flush and brush
4. To disinfect, leave for 60 minutes, flush and brush.

**4.1.2 Use-specific risk mitigation measures**

The plug of packaging should only be in accordance with the technical drawing defined in PAR

**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**

**HUMAN HEALTH**  
Severe skin burns or eye damage. Chemical burns must be treated promptly by a physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
Call a Poison Center or doctor if adverse health effects persist or are severe.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water.  
Call a Poison Center or doctor if adverse health effects persist or are severe.  
Wash contaminated clothing before reuse.

**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 or doctor

**IF SWALLOWED:** Rinse mouth. Do not induce vomiting  
Immediately call a POISON Center or doctor  
Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

**Recommends to users** - Wash hands and exposed skin before meals and after use.



## ENVIRONMENTAL PART

Harmful to aquatic life with long lasting effects

Avoid release to the environment.

Dispose of contents/container in accordance with local/regional regulations.

### Spill control:

Small spills: Dilute with water and mop up, or absorb with inert material. Any contaminated materials must be disposed of as hazardous waste.

Large spills: Contain and collect for disposal. Disposal of this product should at all times comply with the waste disposal legislation and any regional local authority requirements.

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

### Product:

Methods of disposal: Any contaminated materials must be disposed of as hazardous waste. This material and its container must be disposed of in a safe way. Disposal of this product should at all times comply with the waste disposal legislation and any regional local authority requirements.

European waste catalogue (EWC) Waste code 20 01 29\*: detergents containing dangerous substances

### Packaging :

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Disposal of this packaging should at all times comply with the waste disposal legislation and any regional local authority requirements.

European waste catalogue (EWC) Waste code 15 01 10\* : packaging containing residues of or contaminated by dangerous substances

Special precautions: Any disposal must comply with the waste disposal legislation and any regional local authority requirements.

Packaging and containers to be recycled only if emptied completely.

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

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright.

Do not store in unlabelled containers.

The shelf life of the product is 24 months.

## 5. General directions for use

### 5.1. Instructions for use

We recommend you wear gloves while you disinfect and clean your toilet.

1. Lift up the toilet seat and carefully direct the nozzle under the toilet rim.

2. Squeeze and apply slowly all around the inside of the bowl, allowing enough liquid to cover the bowl completely.

3. For [optimum] cleaning results leave for [1/5/10/30] minutes, flush and brush

4. To disinfect, leave for 60 minutes, flush and brush.

### 5.2. Risk mitigation measures

The plug of packaging should only be in accordance with the technical drawing defined in PAR

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

#### HUMAN HEALTH

Severe skin burns or eye damage. Chemical burns must be treated promptly by a physician.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
Call a Poison Center or doctor if adverse health effects persist or are severe.

**IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water.  
Call a Poison Center or doctor if adverse health effects persist or are severe.  
Wash contaminated clothing before reuse.

**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 or doctor

**IF SWALLOWED:** Rinse mouth. Do not induce vomiting  
Immediately call a POISON Center or doctor

Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

**Recommends to users -** Wash hands and exposed skin before meals and after use.

#### ENVIRONMENTAL PART

Harmful to aquatic life with long lasting effects

Avoid release to the environment.

Dispose of contents/container in accordance with local/regional regulations.

#### Spill control:

Small spills: Dilute with water and mop up, or absorb with inert material. Any contaminated materials must be disposed of as hazardous waste.

Large spills: Contain and collect for disposal. Disposal of this product should at all times comply with the waste disposal legislation and any regional local authority requirements.

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

#### Product:

Methods of disposal: Any contaminated materials must be disposed of as hazardous waste. This material and its container must be disposed of in a safe way. Disposal of this product should at all times comply with the waste disposal legislation and any regional local authority requirements.

European waste catalogue (EWC) Waste code 20 01 29\*: detergents containing dangerous substances

#### Packaging :

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Disposal of this packaging should at all times comply with the waste disposal legislation and any regional local authority requirements.

European waste catalogue (EWC) Waste code 15 01 10\*: packaging containing residues of or contaminated by dangerous substances

Special precautions: Any disposal must comply with the waste disposal legislation and any regional local authority requirements.

Packaging and containers to be recycled only if emptied completely.

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

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright.

Do not store in unlabelled containers.

The shelf life of the product is 24 months.

## 6. Other information

In Latvia the following names are authorised:

1. Harpic Lime Scale Remover Original tualetes tīrīšanas līdzeklis Delisted\*
2. Harpic Lime Scale Remover Original tualetes tīrīšanas līdzeklis Delisted\*\*
3. Harpic Lime Scale Remover Fresh tualetes tīrīšanas līdzeklis Delisted\*
4. Harpic Lime Scale Remover Fresh tualetes tīrīšanas līdzeklis Delisted\*\*
5. Harpic Lime Scale Remover Original tualetes tīrīšanas līdzeklis
6. Harpic Lime Scale Remover Fresh tualetes tīrīšanas līdzeklis

\*Manufactured in Poland

\*\*Manufactured in UK

1. All products within this family have the same base product formulation, the only differences being variations in fragrance, dyes and surfactant composition. A detailed breakdown of the formulae may be found in the IUCLID dossier for this Family.

2. All products in the family have the same product classification (see below), target organisms, packaging types, use instructions, target areas and dosage.

3. The Precautionary statements are given below. Please note that there are additional recommendations included in the language as required by the RMS:

P102 Keep out of reach of children (for non-professional users)

P103 Read label before use.(for non-professional users)

P405+P234 Store locked up. Keep only in original container.

P264 Wash hands thoroughly after handling

P280 Wear protective gloves. (for professional users only)

P301 + P330+ P331+P310 IF SWALLOWED: Rinse mouth. Do not induce vomiting. Immediately call a POISON Center or doctor.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional regulations.

Do not use with any bleaches or other cleaning products.

4. In the time of agreement of SPC it is considered that the products contain substances of concern in relation to environment /ecotoxicological endpoints. After evaluation of submitted changes it is confirmed that the products contain the substances of concern - Bis(2-hydroxyethyl) tallow alkylamine and Tallowtrimethylammonium chloride and reclassification is not appropriate.

5. The correct classification is Skin Corr 1.