

Summary of product characteristics for a biocidal product family

Family name: Hydrochloric Acid Family B

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

Authorisation number: UK-2016-1050

R4BP 3 asset reference number: UK-0013138-0000

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Part I.- First information level

1. Administrative information

1.1. Family name

Hydrochloric Acid Family B

1.2. Product type(s)

PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)

1.3. Authorisation holder

Name and address of the authorisation holder

Name	RB UK Hygiene Home Commercial Limited
Address	Wellcroft Road Wellcroft house SL1 4AQ Slough United Kingdom

Authorisation number

UK-2016-1050

R4BP 3 asset reference number

UK-0013138-0000

Date of the authorisation

30/06/2016

Expiry date of the authorisation

30/04/2024

1.4. 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

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

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

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

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

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

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

Active substance	36 - Hydrochloric acid
Name of the manufacturer	Brenntag Polska Sp. z.o.o.
Address of the manufacturer	ul. J. Bema 21 47-224 Kędzierzyn-Koźle Poland
Location of manufacturing sites	ul. J. Bema 21 47-224 Kędzierzyn-Koźle Poland

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

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

2. Product family composition and formulation

2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	6.75 - 6.75

Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	8030-78-2	232-447-4	0 - 0.475
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	61791-44-4	263-177-5	0 - 1.337

2.2. Type(s) of formulation

Ready to use liquid

Part II.- Second information level - meta SPC(s)

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta SPC

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	6.75 - 6.75
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides		8030-78-2	232-447-4	0 - 0.475

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

Ready to use liquid

3. Hazard and precautionary statements of the meta SPC

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 label before use.

Store locked up.

Keep only in original container.

Wash hands thoroughly after handling.

Wear protective gloves.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTRE.

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) of the meta SPC

4.1 Use description

Use 1 - Use as a surface disinfectant for toilet bowls in private and domestic situations

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	Use as surface disinfectant for toilet bowls in private and domestic situations
Target organism(s) (including development stage)	<p>Pseudomonas aeruginosa-Pseudomonas aeruginosa, bacteria-Vegetative cells (exponential phase)</p> <p>Staphylococcus aureus-Staphylococcus aureus, bacteria-Vegetative cells (exponential phase)</p> <p>Escherichia coli-Escherichia coli, bacteria-Vegetative cells (exponential phase)</p> <p>Enterococcus hirae-Enterococcus hirae, bacteria-Vegetative cells (exponential phase)</p> <p>Bacillus subtilis-Bacillus subtilis, bacterial spore-Spore</p> <p>Candida albicans-Candida albicans, fungi (yeast)-Spore and spore producing structures</p> <p>Aspergillus brasiliensis-Aspergillus brasiliensis (niger), fungi (mould)-Spore and spore producing structures</p> <p>Adenovirus type 5, Strain Adenoid 75-Adenovirus type 5, virus-Viral particles</p> <p>Poliovirus type 1, Strain Sabin NIBSC 01/528-Poliovirus type 1 , virus-Viral particles</p>
Field(s) of use	<p>Indoor</p> <p>Toilet bowl disinfectant cleaner</p>
Application method(s)	<p>Pouring -</p> <p>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.</p>
Application rate(s) and frequencies	<p>Apply at a rate of 80 mL per toilet. Use undiluted. Reapply as necessary - 0 -</p> <p>Not restricted. As required</p>
Category(ies) of users	<p>Trained professional</p> <p>Professional</p> <p>General public (non-professional)</p>
Pack sizes and packaging material	<p>Bottle, Plastic: HDPE , 500 mL</p> <p>Bottle, Plastic: HDPE , 750 mL</p> <p>Bottle, Plastic: HDPE , 900 mL</p> <p>Bottle, Plastic: HDPE , 1000 mL</p> <p>Opaque high density polyethylene (HDPE) bottle. The plug of packaging should be in</p>

accordance with the technical drawing defined in reference Member State PAR (Latvia) only (R4BP asset number [LV/000492-0000])

4.1.1 Use-specific instructions for use

The instruction of use should include:

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.

Wash hands and exposed skin before meals and after use.

Do not use with any bleaches or other cleaning products.

4.1.2 Use-specific risk mitigation measures

Do not use with any bleaches or other cleaning product

Do not use with any bleaches or other cleaning product The plug of packaging should be only in accordance with the technical drawing defined in reference Member State PAR (Latvia) only R4BP asset number [LV/000492-0000]

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

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

Store protected from direct sunlight

Store in a cool, dry, and well-ventilated area

Store away from incompatible materials and food and drink.

Store separately 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.

Shelf life is 24 months.

5. General directions for use of the meta SPC

5.1. Instructions for use

The instructions of use should include

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.
- Wash hands and exposed skin before meals and after use.
Do not use with any bleaches or cleaning products.

5.2. Risk mitigation measures

Do not use with any bleaches or other cleaning products. The plug of packaging should only be in accordance with the technical drawing defined in reference member state PAR (Latvia) only (R4BP asset number [LV/0004942-0000]).

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 Centre 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 Centre 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 Centre or doctor

IF SWALLOWED: Rinse mouth. Do not induce vomiting

Immediately call a POISON Centre or doctor

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

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

Store protected from direct sunlight.

Store in cool, dry and well-ventilated area.

Store away from incompatible materials and food and drink.

Store separately 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.

Shelf life is 24 months.

6. Other information

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)

Harpic 100% LimeScale Remover Original

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0013138-0001 1-1

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		8030-78-2	232-447-4	0.475
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.337

Trade name(s)

Harpic Lime Scale Remover Original tualetes tīrīšanas līdzeklis**

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0013138-0002 1-1

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		8030-78-2	232-447-4	0.473
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.337

Trade name(s)

Harpic 100% Limescale Remover Fresh

Authorisation number

UK-0013138-0003 1-1

(R4BP 3 asset reference number - National Authorisation)

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		8030-78-2	232-447-4	0.475
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.337

Trade name(s)

Harpic Lime Scale Remover Fresh tualetes tīrīšanas līdzeklis**

Authorisation number

UK-0013138-0004 1-1

(R4BP 3 asset reference number - National Authorisation)

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	8030-78-2	232-447-4	0.473
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	61791-44-4	263-177-5	1.337
