

# Summary of product characteristics for a biocidal product family

**Family name:** HCl Family A

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

**Authorisation number:** 770-4

**R4BP 3 asset reference number:** DK-0012050-0000

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## Part I.- First information level

### 1. Administrative information

#### 1.1. Family name

HCl Family A

#### 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 Hygiene Home Nordic A/S
Address	Vandtårnsvej 83A 2860 Søborg Denmark

##### Authorisation number

770-4

##### R4BP 3 asset reference number

DK-0012050-0000

##### Date of the authorisation

30/06/2016

##### Expiry date of the authorisation

21/06/2026

#### 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

<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

<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

#### 1.5. 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>	ul. J. Bema 21 47-224 Kędzierzyn-Koźle 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 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	9 - 9

Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0 - 0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	0 - 1,485

## 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

Toilet disinfection

#### 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	9 - 9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0 - 0,425

Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	0 - 1,485
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## 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**

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

**Precautionary statements**

If medical advice is needed, have product container or label at hand.  
 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) of the meta SPC

## 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>	Scientific name: bacteria Common name: Bacteria Development stage:  Scientific name: fungi Common name: Fungi Development stage:  Scientific name: Yeasts Common name: Yeasts Development stage:  Scientific name: Viruses Common name: Viruses Development stage:  Scientific name: Bacterial spores Common name: Bacterial spores Development stage:
<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>	General public (non-professional)
<b>Pack sizes and packaging material</b>	Bottle, Plastic: HDPE, 500 mL Bottle, Plastic: HDPE, 680 mL  Bottle, Plastic: HDPE, 750 mL Bottle, Plastic: HDPE, 1000 mL Bottle, Plastic: HDPE, 900 mL



Opaque, high-density polyethylene (HDPE) bottle. The plug of packaging should only be in accordance with the technical drawing defined in PAR.

#### 4.1.1 Use-specific instructions for use

See 'Section 5.1 Instructions for use'.

#### 4.1.2 Use-specific risk mitigation measures

See 'Section 5.2 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

See 'Section 5.3 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

See 'Section 5.4 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

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

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

For private use only. 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.

Do not use with any bleaches or other cleaning products.

#### 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 victim 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):**

Remove 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.

**Recommendations 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/containers 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

1. All products within this family have the same base product formulation, the only differences being variations in fragrance, dyes and surfactant composition, and that some of the products contain a polomer. 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 national language as required by the RMS:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children

P103 Read label before use.

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

P264 Wash hands thoroughly after handling

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

P303 + P361+ P353 + P363 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

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.

4. Products in Hydrochloric Acid Family A contain Ethomeen T/12 and Arquad T50 which are Substances of Concern in relation to the environment /ecotoxicological endpoints. This has been taken into consideration during classification of the BPF.

### Danish label

I. Nedenstående etikettekst bruges for produkter under familien af Hydrochloric Acid Family A som får godkendelsesnummeret 770-4-1-X[1]. Etiketten skal udformes i overensstemmelse med artikel 69 i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP Forordningen[2].

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69. Nedenstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Op-lys-ninger i citationstegn skal angives ordret:

1) I hovedfeltet:

"Desinfektionsmiddel (toiletrens)."

2) I advarselsfeltet:

"FARE

Forårsager svære ætsninger af huden og øjenskader (H314).

Kan ætse metaller (H290).

Skadelig for vandlevende organismer, med langvarige virkninger (H412).

Vask huden grundigt efter brug.

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

**Må kun anvendes som desinfektionsmiddel (toiletrens) og kun til privat brug.**

**Undgå udledning til miljøet.**

**Må ikke anvendes sammen med andre blegemidler eller rengøringsprodukter.  
Opbevares utilgængeligt for børn.**

**Produktet må kun opbevares i original beholder.**

**Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer.”**

Farepiktogrammet GHS05.

Miljøstyrelsen henleder opmærksomheden på, at godkendelsesindehaver skal anføre oplysninger om førstehjælp, herunder:

Læs etiketten før brug.

I TILFÆLDE AF INDTAGELSE: Skyl munden. Fremkald IKKE opkastning.

VED KONTAKT MED HUDEN (eller håret): Alt tilsmudset tøj tages straks af. Skyl huden med vand. Alt tilsmudset tøj skal vaskes inden genanvendelse.

VED INDÅNDING: Flyt personen til et sted med frisk luft og sørg for, at vejrtrækningen lettes.

VED KONTAKT MED ØJNENE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let. Fortsæt skylning.

Ring omgående til en GIFTINFORMATION eller læge.

Hvis der er brug for lægehjælp, medbring da beholderen eller etiketten.

3) I deklarationsfeltet:

- a) Teksten "Desinfektionsmiddel (toiletrens) BPR-reg. nr. 770-4-1-X<sup>1</sup>. Aktivstof saltsyre og biocidholdigt produkt er godkendt efter biocidforordningen (Forordning (EU) nr. 528/2012)".
- b) Oplysning om præparattype: "Væske" for dette præparat.
- c) Indholdet af aktivstof i vægtprocent (% w/w) og g/L ved 20°C.
- e) Udløbsdatoen skal anføres. Denne dato må højst være 2 år efter produktionsdatoen. Etikettens dato kan udformes som en hen-visning til en produktionsdato andetsteds på emballagen.
- f) Batchnummer eller – betegnelse skal anføres.
- g) Pakningsstørrelse i mL.
- h) Godkendelsesindehavers navn og adresse.

4) Brugsanvisningen:

Oplysninger om skadevoldere, anvendelsesområde og doseringer.

Følgende retningslinjer gælder i forhold til bortskaffelse.

Der skal mærkes med sikkerhedssætning P501: "Indholdet/holderen bortskaffes i overensstemmelse med kommunale regler for affaldshåndtering."

Derudover skal mærkningen ske efter følgende retningslinjer:

Rester skal afleveres til den kommunale affaldsordning for farligt affald.

Tomme beholdere kan bortskaffes med dagrenovationen.

**5. Explanation which describes the trade names and formulations for both the minor and administrative changes in Latvian market.**

Products 7.1-7.5 are replaced by products 7.6 - 7.10;

Products 7.6-7.10 will be replaced by products 7.11 - 7.15 in 2019/2020.

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

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

<b>Trade name(s)</b>	Harpic Power Plus Original	Market area: DK
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	DK-0012050-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,485

<b>Trade name(s)</b>	Harpic Power Plus Citrus Force	Market area: DK
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	DK-0012050-0002 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,485

**Trade name(s)**

Harpic Power Plus Spring Power

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0003 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,485

**Trade name(s)**

Harpic Power Plus Marine Force

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0004 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,485

**Trade name(s)**

Harpic Power Plus Hygiene

Market area: LV

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0005 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,485

**Trade name(s)**

Cillit Bang Original

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0006 1-1



Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
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

**Trade name(s)**

Cillit Bang Citrus Force

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0007 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
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

**Trade name(s)**

Cillit Bang Spring Power

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0008 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
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

**Trade name(s)**

Cillit Bang Marine Force

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0009 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
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

**Trade name(s)**

Cillit Bang Hygiene

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0010 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,346

**Trade name(s)**

Harpic Platinum Pro-Shield Original

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0011 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,346

**Trade name(s)**

Harpic Platinum Pro-Shield Marine

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0012 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,346

**Trade name(s)**

Harpic Platinum Pro-Shield Lavender

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0013 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,346

**Trade name(s)**

Harpic Platinum Pro-Shield Fresh

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0014 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,346

**Trade name(s)**

Harpic Power Plus 10X Clean & Protect Citrus

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0015 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,36

**Trade name(s)**

Harpic Power Plus 10X Clean & Protect Platinum Original

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0016 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,36

**Trade name(s)**

Harpic Power Plus 10X Clean & Protect Original

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0017 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,36

**Trade name(s)**

Harpic Power Plus 10X Clean & Protect Marine Explosion

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0018 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,36

**Trade name(s)**

Harpic Power Plus 10X Clean & Protect Spring

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0012050-0019 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	Active Substance		231-595-7	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	Non-active substance	8030-78-2	232-447-4	0,385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	Non-active substance	61791-44-4	263-177-5	1,36