

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	Reckitt Benckiser Nordic AS
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

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	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

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

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 United Kingdom
Location of manufacturing sites	Stoneness Road, West Thurrock, Grays, Essex RM20 3AG Grays 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	9 - 9

Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides	8030-78-2	232-447-4	0 - 0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	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		8030-78-2	232-447-4	0 - 0.425

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

Keep out of reach of children.
Read label before use.
Keep only in original container.
Wash hands thoroughly after handling.
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.
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.
Avoid release to the environment.
Store locked up.
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

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	Used as surface disinfectant for toilet bowls
Target organism(s) (including development stage)	<p>Pseudomonas aeruginosa-Pseudomonas aeruginosa, bacteriaVegetative cells (exponential phase)</p> <p>Staphylococcus aureus-Staphylococcus aureus, bacteriavegetative cells (exponential phase)</p> <p>Escherichia coli-Escherichia coli, bacteriaVegetative cells (exponential phase)</p> <p>Enterococcus hirae-Enterococcus hirae, bacteriaVegetative cells (exponential phase)</p> <p>Bacillus subtilis-Bacillus subtilis, bacterial sporeSpore</p> <p>Candida albicans-Candida albicans, fungi (yeast)Spore and spore producing structures</p> <p>Aspergillus brasiliensis (niger)-Aspergillus brasiliensis (niger), fungi (mould)Spore and spore producing structures</p> <p>Adenovirus type 5, Strain Adenoid 75-Adenovirus type 5, virusViral particles</p> <p>Poliovirus type 1, Strain Sabin NIBSC 01/528-Poliovirus type 1 , virusViral particles</p>
Field(s) of use	<p>Indoor</p> <p>Toilet bowl disinfectant cleaner</p>
Application method(s)	<p>Pouring - 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>~ 80 mL as per label instructions - 0 - Not restricted. As required.</p>
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	<p>Bottle, Plastic: HDPE, 500 mL Bottle, Plastic: HDPE, 680 mL</p> <p>Bottle, Plastic: HDPE, 750 mL Bottle, Plastic: HDPE, 1000 mL</p>

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.

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:

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.

Do not use with any bleaches or other cleaning products.

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 etiketekst 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-X¹. 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.

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 Power Plus Original

Authorisation number

DK-0012050-0001 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	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides		8030-78-2	232-447-4	0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.485

Trade name(s)

Harpic Power Plus Citrus Force

Authorisation number

DK-0012050-0002 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	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides		8030-78-2	232-447-4	0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.485

Trade name(s)

Harpic Power Plus Spring Power

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		8030-78-2	232-447-4	0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.485

Trade name(s)

Harpic Power Plus Marine Force

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	8030-78-2	232-447-4	0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	61791-44-4	263-177-5	1.485

Trade name(s)

Harpic Power Plus Hygiene

Authorisation number

DK-0012050-0005 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	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides		8030-78-2	232-447-4	0.425
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.485

Trade name(s)

Cillit Bang Original

Authorisation number

DK-0012050-0006 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	9
Tallow trimethylammonium chloride	Quaternary ammonium compounds, trimethyltallow alkyl, chlorides		8030-78-2	232-447-4	0.345
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.208

Trade name(s)

Cillit Bang Citrus Force

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		8030-78-2	232-447-4	0.345
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.208

Trade name(s)

Cillit Bang Spring Power

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		8030-78-2	232-447-4	0.345
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.208

Trade name(s)

Cillit Bang Marine Force

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		8030-78-2	232-447-4	0.345
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.208

Trade name(s)

Cillit Bang Hygiene

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		8030-78-2	232-447-4	0.385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.346

Trade name(s)

Harpic Platinum Pro-Shield Original

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		8030-78-2	232-447-4	0.385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.346

Trade name(s)

Harpic Platinum Pro-Shield Marine

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		8030-78-2	232-447-4	0.385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.346

Trade name(s)

Harpic Platinum Pro-Shield Lavender

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		8030-78-2	232-447-4	0.385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.346

Trade name(s)

Harpic Platinum Pro-Shield Fresh

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		8030-78-2	232-447-4	0.385
Bis (2-hydroxyethyl) tallow alkylamine	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives		61791-44-4	263-177-5	1.346