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ANNEX

**SUMMARY OF PRODUCT CHARACTERISTICS
FOR A BIOCIDAL PRODUCT FAMILY**

Domestos Zero Limescale

Product type(s)

PT02: Disinfectants and algaecides not intended for direct application to humans or animals

Authorisation number IE/BPA 70130

R4BP asset number IE-0006967-0000

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Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Domestos Zero Limescale
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1.2. Product type(s)

Product type(s)	PT02: Disinfectants and algacides not intended for direct application to humans or animals
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	Unilever Ireland Limited
	Address	20 Riverwalk National Digital Park, Citywest Business Campus 24 Dublin Ireland
Authorisation number	IE/BPA 70130	
<i>R4BP asset number</i>	IE-0006967-0000	
Date of the authorisation	12/12/2016	
Expiry date of the authorisation	31/01/2025	

1.4. Manufacturer(s) of the product

Name of manufacturer	Unilever Magyarország KFT
Address of manufacturer	Nyriiba Tancsics Milhaly u 2-4 H-4300 Nyirbator Hungary
Location of manufacturing sites	Nyriiba Tancsics Milhaly u 2-4 H-4300 Nyirbator Hungary

Name of manufacturer	E&S Industry S.A.
Address of manufacturer	Krakowska Street 112-116 50-427 Wocław Poland
Location of manufacturing sites	Krakowska Street 112-116 50-427 Wocław Poland

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

Active substance	Hydrochloric acid
Name of manufacturer	Borsodchem Zrt.
Address of manufacturer	Bolyai tér 1 H-3700 Kazincbarcika Hungary
Location of manufacturing sites	Bolyai tér 1 H-3700 Kazincbarcika Hungary

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	8 - 8 % (w/w)
Sulphamic Acid	Sulphamic Acid	Non-active substance	5329-14-6	226-218-8	6 - 6 % (w/w)
Ethoxylated Amine	Bis (2-hydroxyethyl) oleyl amine	Non-active substance	25307-17-9	246-807-3	1,52 - 1,55 % (w/w)
Cetrimonium Chloride	Hexadecyl-trimethylammonium chloride	Non-active substance	112-02-7	203-928-6	0,77 - 0,88 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	AL Any other liquid
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Part II.
SECOND INFORMATION LEVEL - META SPC(S)

1. META SPC 1 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 1 identifier

Identifier	Meta SPC: meta SPC
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1.2. Suffix to the authorisation number

Number	1-1
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1.3. Product type(s)

Product type(s)	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
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2. META SPC 1 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	active substance		231-595-7	8 - 8 % (w/w)
Sulphamic Acid	Sulphamic Acid	Non-active substance	5329-14-6	226-218-8	6 - 6 % (w/w)
Ethoxylated Amine	Bis (2-hydroxyethyl) oleyl amine	Non-active substance	25307-17-9	246-807-3	1,52 - 1,55 % (w/w)
Cetrimonium Chloride	Hexadecyl-trimethylammonium chloride	Non-active substance	112-02-7	203-928-6	0,77 - 0,88 % (w/w)

2.2. Type(s) of formulation of the meta SPC 1

Formulation type(s)	AL Any other liquid
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	<p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H412: Harmful to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read carefully and follow all instructions.</p> <p>P234: Keep only in original packaging.</p> <p>P260: Do not breathe vapours.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P310: Immediately call a POISON CENTER.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P405: Store locked up.</p> <p>P406: Store in a a corrosion-resistant container with a resistant inner liner.</p> <p>P501: Dispose of contents to</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description 1

Table 1. Professional Use

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Authorisation is granted for the disinfection of the inside of toilet bowls by the application of the undiluted product. 'Kills bacteria in toilets'.
Target organism(s) (including development stage)	Scientific name: Bacteria Common name: Bacteria Development stage: N/A Scientific name: Yeast Common name: Yeasts Development stage: N/A Scientific name: Fungi Common name: fungi Development stage: N/A Scientific name: Bacterial spores Common name: Bacterial spores Development stage: N/A Scientific name: Viruses Common name: Viruses Development stage: N/A
Field(s) of use	indoor use Disinfection of the inside of toilet bowls.
Application method(s)	Method: manual application Detailed description: Direct dispense from bottle
Application rate(s) and frequency	Application Rate: 70 ml per toilet Dilution (%): N/A Number and timing of application: The product should be left for 30 minutes (with brushing if required). Reapply as necessary.
Category(ies) of users	professional
Pack sizes and packaging material	750ml HDPE bottle. The packaging is fitted with a child-resistant fastening and a tactile warning.

4.1.1. Use-specific instructions for use

Only for use as a disinfectant for the inside of toilet bowls by the application of the undiluted product.

KEEP IN A SAFE PLACE.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Avoid contact with skin.

Avoid contact with eyes.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

AVOID EXCESSIVE CONTAMINATION OF COVERALLS.

Keep out of the reach of children.

The COSHH (Control of Substances Hazardous to Health) Regulations 2002 (as amended) apply to the use of this product at work.

When using do not eat or drink.

Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).

Do not mix with bleach or other cleaner as it may result in the formation of toxic chlorine gas or heat.

4.1.2. Use-specific risk mitigation measures

The packaging is fitted with a child-resistant fastening and a tactile warning.

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

If swallowed, seek medical advice immediately and show this container or label.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.

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

This material and its container must be disposed of in a safe way.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

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.

The maximum shelf life of the product is 2 years.

4.2. Use description 2

Table 2. Non-professional Use

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	Authorisation is granted for the disinfection of the inside of toilet bowls by the application of the undiluted product. 'Kills bacteria in toilets'.
Target organism(s) (including development stage)	Scientific name: Bacteria Common name: Bacteria Development stage: N/A Scientific name: Yeast Common name: Yeasts Development stage: N/A Scientific name: Fungi Common name: fungi Development stage: N/A Scientific name: Bacterial spores Common name: Bacterial spores Development stage: N/A

	Scientific name: Viruses Common name: Viruses Development stage: N/A
Field(s) of use	indoor use Disinfection of the inside of toilet bowls.
Application method(s)	Method: manual application Detailed description: Direct dispense from bottle
Application rate(s) and frequency	Application Rate: 70 ml per toilet Dilution (%): N/A Number and timing of application: The product should be left for 30 minutes (with brushing if required). Reapply as necessary.
Category(ies) of users	general public (non-professional)
Pack sizes and packaging material	750ml HDPE bottle. The packaging is fitted with a child-resistant fastening and a tactile warning.

4.2.1. Use-specific instructions for use

Only for use as a disinfectant for the inside of toilet bowls by the application of the undiluted product.

KEEP IN A SAFE PLACE.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Avoid contact with skin.

Avoid contact with eyes.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

AVOID EXCESSIVE CONTAMINATION OF COVERALLS.

Keep out of the reach of children.

When using do not eat or drink.

Do not mix with bleach or other cleaner as it may result in the formation of toxic chlorine gas or heat.

4.2.2. Use-specific risk mitigation measures

The packaging is fitted with a child-resistant fastening and a tactile warning.

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

If swallowed, seek medical advice immediately and show this container or label.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.

4.2.4. Where specific to the use, the instructions for safe disposal of the product and its packaging

This material and its container must be disposed of in a safe way.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

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

Store in original container.

The maximum shelf life of the product is 2 years.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

See relevant authorised uses sections (Professional and Non-professional)

5.2. Risk mitigation measures

See relevant authorised use sections (Professional and Non-professional)

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

See relevant authorised use sections (Professional and Non-professional)

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

See relevant authorised use sections (Professional and Non-professional)

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

See relevant authorised use sections (Professional and Non-professional)

6. OTHER INFORMATION

Use Biocides Safely and Sustainably

It is illegal to use this product for uses or in a manner other than that prescribed on this label.

Poison Information: For information or to report a poisoning incident contact **The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166)**, retain the label for reference.

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 1

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

Trade name(s)	Domestos Zero Limescale Lime	Market area: IE
	Domestos Zero Limescale Lime Professional	Market area: IE
Authorisation number	IE-0006967-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	active substance		231-595-7	8
Sulphamic Acid	Sulphamic Acid	Non-active substance	5329-14-6	226-218-8	6
Ethoxylated Amine	Bis (2-hydroxyethyl) oleyl amine	Non-active substance	25307-17-9	246-807-3	1,55
Cetrimonium Chloride	Hexadecyl-trimethylammonium chloride	Non-active substance	112-02-7	203-928-6	0,77

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

Trade name(s)	Domestos Zero Limescale Pink	Market area: IE
Authorisation number	IE-0006967-0002 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	active substance		231-595-7	8
Sulphamic Acid	Sulphamic Acid	Non-active substance	5329-14-6	226-218-8	6
Ethoxylated Amine	Bis (2-hydroxyethyl) oleyl amine	Non-active substance	25307-17-9	246-807-3	1,52
Cetrimonium Chloride	Hexadecyl-trimethylammonium chloride	Non-active substance	112-02-7	203-928-6	0,88

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

Trade name(s)	Domestos Zero Limescale Aquamarine	Market area: IE
Authorisation number	IE-0006967-0003 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrochloric acid	Hydrochloric acid	active substance		231-595-7	8
Sulphamic Acid	Sulphamic Acid	Non-active substance	5329-14-6	226-218-8	6
Ethoxylated Amine	Bis (2-hydroxyethyl) oleyl amine	Non-active substance	25307-17-9	246-807-3	1,55
Cetrimonium Chloride	Hexadecyl-trimethylammonium chloride	Non-active substance	112-02-7	203-928-6	0,77