

EN

ANNEX

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

Biocel Sodium Hypochlorite Family

Product type(s)

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

PT04: Food and feed area

Authorisation number SI-0032721-0000

R4BP asset number SI-0032721-0000

Part I.
FIRST INFORMATION LEVEL

1. ADMINISTRATIVE INFORMATION

1.1. Family name

Name	Biocel Sodium Hypochlorite Family
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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 PT04: Food and feed area
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	BIOCEL LTD.
	Address	ROCKGROVE INDUSTRIAL ESTATE 00000 LITTLE ISLAND Ireland
Authorisation number	SI-0032721-0000	
<i>R4BP asset number</i>	SI-0032721-0000	
Date of the authorisation	05/06/2024	
Expiry date of the authorisation	05/06/2034	

1.4. Manufacturer(s) of the product

Name of manufacturer	Biocel Ltd
Address of manufacturer	Rockgrove Industrial Estate T45 CY51 Little Island, Co. Cork Ireland
Location of manufacturing sites	Biocel Ltd site 1 Rockgrove Industrial Estate T45 CY51 Little Island, Co. Cork Ireland

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

Active substance	Active chlorine released from sodium hypochlorite
Name of manufacturer	Micro-Bio (Ireland) Ltd.
Address of manufacturer	Industrial Estate P61 X977 Fermoy, Co. Cork Ireland
Location of manufacturing sites	Micro-Bio (Ireland) Ltd. site 1 Industrial Estate P61 X977 Fermoy, Co. Cork Ireland

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 (%)
Active chlorine released from sodium hypochlorite		active substance			1,9 - 10,5 % (w/w)
Acusol 445N Polymer		Non-active substance			0 - 4,6 % (w/w)
Sodium chloride		Non-active substance	7647-14-5	231-598-3	0 - 16,5 % (w/w)
Water		Non-active substance	7732-18-5	231-791-2	66,7 - 95 % (w/w)
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	0 - 18,5 % (w/w)
Brensurf SLES27		Non-active substance			0 - 8 % (w/w)
Potassium hydroxide	Potassium hydroxide	Non-active substance	1310-58-3	215-181-3	0 - 5,8 % (w/w)
Euroxide LO/A (N,N-Dimethydecylamine N-oxide)		Non-active substance	308062-28-4	931-292-6	0 - 9 % (w/w)

2.2. Type(s) of formulation

Formulation type(s)	AL Any other liquid SL Soluble concentrate
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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 1
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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 PT04: Food and feed area
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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 (%)
Active chlorine released from sodium hypochlorite		active substance			5 - 10,5 % (w/w)
Acusol 445N Polymer		Non-active substance			0 - 1,6 % (w/w)
Water		Non-active substance	7732-18-5	231-791-2	77,4 - 95 % (w/w)
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	0 - 2 % (w/w)
Brensurf SLES27		Non-active substance			0 - 8 % (w/w)
Euroxide LO/A (N,N-Dimethydecylamine N-oxide)		Non-active substance	308062-28-4	931-292-6	0 - 9 % (w/w)

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

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 1

Hazard statements	<p>H314: Causes severe skin burns and eye damage.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>EUH031: Contact with acids liberates toxic gas.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection..</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>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>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P391: Collect spillage.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to in accordance with local/national regulations.</p> <p>P501: Dispose of container to in accordance with local/national regulations.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1. Use #1.1 Hard surface disinfection indoor

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: fungi Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of hard surfaces (including floors) Not for use in healthcare areas</p>
Application method(s)	<p>Method: Spraying with trigger spray and wiping with cloth and bucket for distribution over the surface</p> <p>Detailed description: /</p>
Application rate(s) and frequency	<p>Application rate: ranges from 2180 - 5850 mg/L of active or available chlorine</p> <p>Dilution (%): products are used diluted</p> <p>Number and timing of application: 15 minutes contact time 1 application per day</p> <p>1. Sodium Hypochlorite 10-11%: diluted to 2% or 5% (v/v) corresponding to 2340 mg/L or 5850 mg/L available chlorine, respectively</p> <p>2. Sodium Hypochlorite 5-6%: diluted to 4% or 10% (v/v) corresponding to 2180 mg/L or 5450 mg/L available chlorine, respectively</p> <p>3. Chlor-kleen Extra: diluted to 5% (v/v) corresponding to 2725 mg/L available chlorine</p> <p>4. Blackwash: diluted to 2% (v/v) corresponding to 2340 mg/L available chlorine</p>

Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.1.1. Use-specific instructions

1. Sodium Hypochlorite 10-11%:Hard surface disinfectionPrepare a solution of 20 ml or 50 ml of product per litre of water (dilution at 2% or 5% (v/v), respectively). Apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. After 15 minutes contact time, rinse thoroughly with clean water.
2. Sodium Hypochlorite 5-6%:Hard surface disinfectionPrepare a solution of 40 ml or 100 ml of product per litre of water (dilution at 4% or 10% (v/v), respectively). Apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. After 15 minutes contact time, rinse thoroughly with clean water.
3. Chlor-Kleen Extra:Concrete surfaces and closed patiosClean down loose dirt by brushing or pressure washing with water. Add 5 litres per 100 litres of water (dilution at 5% (v/v)) and apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. Leave in contact for 15-30 minutes and rinse thoroughly with clean water.Due to the broad variation of patio slabs and other paving material, a small area should be tested first for suitability as colour variations may result from the use of Chlor-Kleen Extra on some materials.
4. Blackwash:Concrete surfaces and closed patiosClean down loose dirt by brushing or pressure washing with water. Add 2.5 litres per 100 litres of water (dilution at 2.5% (v/v)) and apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. Leave in contact for 15-30 minutes and rinse thoroughly with clean water.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

During mixing, loading and post-application steps, wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).During application (trigger spraying, mopping, wiping): wear chemical-resistant gloves, eye/face protection, protective clothing, closed footwear and respiratory protective equipment (PPE material to be specified by the authorisation holder within the product information).Spraying with trigger spray is only allowed in the downward direction.A mop or brush with a handle has to be used to apply the diluted solution by mopping to avoid exposure.Do not immerse hands in the diluted solution.For application by wiping, pour the solution directly on the surface and wipe with a cloth.Avoid contact with treated surfaces.After disinfection, treated surfaces should be thoroughly rinsed with water of drinking quality.Do not be present in the treatment area during the disinfection process. If it is necessary to be present, wear the same RPE and PPE as the professional user.Re-entry after application by mopping or wiping is only permitted once the air concentration of the chlorine has dropped below the reference value (0.5 mg avCl/m³).

4.1.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

4.2. Use description

Table 2. Use #1.2 Hard surface disinfection outdoor

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: fungi Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	outdoor use Outdoor (T ≥20°C) Disinfection of hard surfaces (including floors, patios)
Application method(s)	Method: Spraying with trigger spray and wiping with cloth and bucket for distribution over the surface Detailed description: /
Application rate(s) and frequency	Application rate: ranges from 10900 - 35100 mg/L of active or available chlorine Dilution (%): products are used diluted Number and timing of application: 15 minutes contact time 1 application per day 1. Sodium Hypochlorite 10-11%: diluted to 10 - 30% (v/v) corresponding to 11700 - 35100 mg/L available chlorine 2. Sodium Hypochlorite 5-6%: diluted to 20% (v/v) corresponding to 10900 mg/L available chlorine

	3. Blackwash: diluted to 10 - 20% (v/v) corresponding to 11700 - 23400 mg/L available chlorine
Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.2.1. Use-specific instructions

1. Hypochlorite 10-11%:

Patio cleaning

Test a small area first before use as colour variation on some surfaces may occur. Wet surface before treatment to aid even distribution and clean down loose dirt by brushing or pressure washing.

Add 100 ml of product to 1 liter of water (dilution at 10% (v/v)) and apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. For heavy soiled areas add 200 - 300 ml of product to 1 liter of water (dilution at 20 - 30% (v/v)). Leave in contact for 15-30 minutes and wash off with clean water until all traces of solution have been removed. The product is effective at $\geq 20^{\circ}\text{C}$.

2. Sodium hypochlorite 5-6%:

Patio cleaning

Test a small area first before use as colour variation on some surfaces may occur. Wet surface before treatment to aid even distribution and clean down loose dirt by brushing or pressure washing.

Add 200 ml of product to 1 liter of water (dilution at 20% (v/v)) and apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. Leave in contact for 15-30 minutes and wash off with clean water until all traces of solution have been removed. The product is effective at $\geq 20^{\circ}\text{C}$.

3. Blackwash:

Mould removal

Add 5 - 10 litres of product per 50 litres of water (dilution at 10 - 20% (v/v)) and apply the product uniformly on the surface to be treated in sufficient quantity to wet the surface completely. Leave in contact for at least 15 minutes and rinse the surface with clean water and repeat process until clean. The product is effective at $\geq 20^{\circ}\text{C}$.

4.2.2. Use-specific risk mitigation measures

4.2.3. Use-specific risk mitigation measures

During mixing, loading and post-application steps, wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

During application (trigger spraying, mopping, wiping): wear chemical-resistant gloves, eye/face protection, protective clothing, closed footwear and respiratory protective equipment (PPE material to be specified by the authorisation holder within the product information).

Spraying with trigger spray is only allowed in the downward direction.

A mop or brush with a handle has to be used to apply the diluted solution by mopping to avoid exposure.
 Do not immerse hands in the diluted solution.
 For application by wiping, pour the solution directly on the surface and wipe with a cloth.
 Avoid contact with treated surfaces.
 After disinfection, treated surfaces should be thoroughly rinsed with water of drinking quality.
 Do not be present in the treatment area during the disinfection process. If it is necessary to be present, wear the same RPE and PPE as the professional user.
 Uninvolved persons, children and animals should not be present during disinfection.

4.2.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

4.3. Use description

Table 3. Use #1.3 Toilet bowl disinfection

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data
Field(s) of use	indoor use Disinfection of toilet bowls, sinks Not for use in medical areas
Application method(s)	Method: pouring Detailed description: /
Application rate(s) and frequency	Application rate: RTU product 52500 mg/L active or available chlorine Number and timing of application: 15 minutes contact time 1 application per day
Category(ies) of users	professional

Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap.
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4.3.1. Use-specific instructions

Apply RTU Thick bleach product under the rim of the toilet and leave it to act for 15 minutes.
For disinfection of kitchen or bathroom drains and sinks, squirt the product into plugholes until it overflows.
Leave for 15 minutes and then rinse thoroughly with clean water.

4.3.2. Use-specific risk mitigation measures

4.3.3. Use-specific risk mitigation measures

Wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear during application of the product (PPE material to be specified by the authorisation holder within the product information).
Avoid contact with treated surfaces.
Uninvolved persons, children and animals should not be present during disinfection.

4.3.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

4.4. Use description

Table 4. Use #1.4 Dairy plant disinfection, hot wash only

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data

	Common name: fungi Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	indoor use Pipeline disinfection Inner surfaces of milking equipment (bulk milk tanks and milking machines)
Application method(s)	Method: Closed system - CIP (hot wash solution) Detailed description: /
Application rate(s) and frequency	Application rate: 804 mg/L active or available chlorine Dilution (%): 0.67% (v/v) Number and timing of application: 10 minutes contact time 1 application per day
Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.4.1. Use-specific instructions

Pre-rinse the plant with approximately 14 litres preferably lukewarm water to remove the milk residue.

Use a solution of 300 ml BFS hotwash product in 45 litres of water (dilution at 0.67% (v/v)). Use preferably hot water at 30-35 °C and circulate for 10 minutes.

Rinse out system well, using 14 litres of clean water per unit, until all traces of product are removed.

4.4.2. Use-specific risk mitigation measures

4.4.3. Use-specific risk mitigation measures

For mixing and loading task, maintenance of pipeline/stock tank and processing circuit wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

For food commodities, ensure that the concentration of chlorate present in food does not exceed the MRL values set in regulation 2020/749.

4.4.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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

/

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

/

4.5. Use description

Table 5. Use #1.5 Food plant disinfection, closed system

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: fungi Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of inner surfaces around food plant</p>
Application method(s)	<p>Method: Closed system – CIP</p> <p>Detailed description: /</p>
Application rate(s) and frequency	<p>Application rate: ranges from 2180-5850 mg/L of active or available chlorine</p> <p>Dilution (%): products are used diluted</p> <p>Number and timing of application:</p> <p>15 minutes contact time 1 application per day</p> <p>1. Sodium Hypochlorite 10-11%:</p>

	<p>diluted to 2% or 5% (v/v) corresponding to 2340 mg/L or 5850 mg/L available chlorine, respectively</p> <p>2. Sodium Hypochlorite 5-6%: diluted to 4% or 10% (v/v) corresponding to 2180 mg/L or 5450 mg/L available chlorine, respectively</p> <p>—</p>
Category(ies) of users	professional
Pack sizes and packaging material	<p>5 litres HDPE bottle with HDPE vented cap.</p> <p>10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap.</p> <p>60 litres, 120 litres and 200 litres HDPE drum with PP vented bung.</p> <p>1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.</p>

4.5.1. Use-specific instructions

Sodium Hypochlorite 10-11%:

Food Plant Sanitization:

Clean the plant first and add a solution of 900 ml or 2.25 litres of product in 45 litres of cold water (dilution at 2% or 5% (v/v), respectively). Circulate for 15 minutes. Rinse with water (14 litres per unit) until all traces of biocidal product have been removed to prevent TCM formation.

The same product solution can be added to an alkaline detergent to form a combination of detergent disinfectant, or it can be used for hot detergent wash. The same disinfection procedure is applied.

Final Rinse:

After each treatment of the equipment with the product and before the equipment is used again it must be thoroughly rinsed with clean water.

Sodium Hypochlorite 5-6%:

Food Plant Sanitization:

Clean the plant first and add a solution of 1.8 litres or 4.5 litres of product in 45 litres of cold water (dilution at 4% or 10% (v/v), respectively). Circulate for 15 minutes. Rinse with water (14 litres per unit) until all traces of biocidal product have been removed to prevent TCM formation.

The same product solution can be added to an alkaline detergent to form a combination of detergent disinfectant, or it can be used for hot detergent wash. The same disinfection procedure is applied.

Final Rinse:

After each treatment of the equipment with the product and before the equipment is used again it must be thoroughly rinsed with clean water.

4.5.2. Use-specific risk mitigation measures

4.5.3. Use-specific risk mitigation measures

For mixing and loading task, maintenance of pipeline/stock tank and processing circuit wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

For food commodities, ensure that the concentration of chlorate present in food does not exceed the MRL values set in regulation 2020/749.

4.5.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 1

5.1. Instructions for use

See use-specific instructions for each use.

5.2. Risk mitigation measures

5.3. Risk mitigation measures

See use-specific risk mitigation measures.

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

See precautionary statements.

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

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

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

Store locked up.

Shelf-life: 3 months

Store the product in cool (0- 25 °C) and protect from frost.

6. OTHER INFORMATION

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)	Sodium Hypochlorite 10-11%	Market area: IE
	Gold Assure Chloras	Market area: IE
	Coop Source Chloros	Market area: IE
	Superclean Rocklor	Market area: IE
	Top Hygiene Hypochlorite	Market area: IE
	Chlorisan	Market area: IE
Authorisation number	SI-0032721-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			10,5
Water		Non-active substance	7732-18-5	231-791-2	89

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

Trade name(s)	Chlor-Kleen Extra	Market area: IE
	Coop Source Klor-clean	Market area: IE
	Gold Assure Chlor Clean	Market area: IE
Authorisation number	SI-0032721-0002 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			5
Water		Non-active substance	7732-18-5	231-791-2	94
Euroxide LO/A (N,N-Dimethydecylamine N-oxide)		Non-active substance	308062-28-4	931-292-6	1

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

Trade name(s)	Benz lightening Cleanze	Market area: IE
	Stontex All in One Outdoor Cleaner	Market area: IE
	Concept Cleaning Blackwash	Market area: IE
Authorisation number	SI-0032721-0003 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			10
Water		Non-active substance	7732-18-5	231-791-2	89
Euroxide LO/A (N,N-Dimethydecylamine N-oxide)		Non-active substance	308062-28-4	931-292-6	1

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

Trade name(s)	Benz Tornado Cleanze	Market area: IE
	Biocel Thick Bleach	Market area: IE
Authorisation number	SI-0032721-0004 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			5
Water		Non-active substance	7732-18-5	231-791-2	77,4
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	0,6
Brensurf SLES27		Non-active substance			8

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

Trade name(s)	Sodium Hypochlorite 5-6%	Market area: IE
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Authorisation number	SI-0032721-0005 1-1
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Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			5
Water		Non-active substance	7732-18-5	231-791-2	95

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

Trade name(s)	BFS Hotwash	Market area: IE
Authorisation number	SI-0032721-0006 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			10
Acusol 445N Polymer		Non-active substance			1,6
Water		Non-active substance	7732-18-5	231-791-2	86,4
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	2

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: Meta 2
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1.2. Suffix to the authorisation number

Number	1-2
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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 2 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			2 - 2 % (w/w)
Sodium chloride		Non-active substance	7647-14-5	231-598-3	0 - 16,5 % (w/w)
Water		Non-active substance	7732-18-5	231-791-2	81,5 - 81,5 % (w/w)

2.2. Type(s) of formulation of the meta SPC 2

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 2

Hazard statements	<p>H314: Causes severe skin burns and eye damage.</p> <p>H412: Harmful to aquatic life with long lasting effects.</p> <p>EUH071: Corrosive to the respiratory tract.</p>
Precautionary statements	<p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear gloves/protective clothing/eye protection/face protection..</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>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>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to in accordance with local/national regulations.</p> <p>P501: Dispose of container to in accordance with local/national regulations.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1. Use #2.1 Hard surface disinfection

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	indoor use Disinfection of pre-cleaned hard surfaces in household
Application method(s)	Method: Spraying and wiping with mop/cloth and bucket to distribute disinfectant on the surface Detailed description: /
Application rate(s) and frequency	Application rate: 414 mg/L active or available chlorine Dilution (%): 1.8% (v/v) product dilution Number and timing of application: 15 minutes contact time 1 application post-use and per day
Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.1.1. Use-specific instructions

Clean the surface before disinfection.

Add 90 ml in 5 litres of cold water (dilution at 1.8% (v/v)) and apply the product solution uniformly on the surface to be treated in sufficient quantity to wet the surface completely. Surfaces are disinfected after 15 minutes contact time.

Fresh solution should be made up daily.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

During mixing and loading, wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

Uninvolved persons, children and animals should not be present during mixing and loading of the product.

4.1.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

4.2. Use description

Table 2. Use #2.2 Medical equipment disinfection

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	indoor use Disinfecting of pre-cleaned equipment (e.g. breastfeeding equipment, etc.) in hospitals and healthcare facilities
Application method(s)	Method: Immersion of equipment by dipping/soaking Detailed description: /

Application rate(s) and frequency	Application rate: 414 mg/L active or available chlorine Dilution (%): 1.8% (v/v) product dilution Number and timing of application: 30 minutes contact time 1 application post-use and per day
Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.2.1. Use-specific instructions

Equipment has to be thoroughly pre-cleaned before disinfection.

Add 90 ml of product to 5 litres of water (dilution at 1.8% (v/v)) and immerse the equipment in the prepared product solution for minimum of 30 minutes.

Ensure that no air bubble is trapped inside the bottles. Wash your hands before taking the equipment out of the solution. Shake off any excess of solution.

Fresh solution should be made up daily.

4.2.2. Use-specific risk mitigation measures

4.2.3. Use-specific risk mitigation measures

During mixing and loading, wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

4.2.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 2

5.1. Instructions for use

See use-specific instructions for each use.

5.2. Risk mitigation measures

5.3. Risk mitigation measures

See use-specific risk mitigation measures.

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

See precautionary statements.

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

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

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

Store locked up.

Shelf-life: 3 months

Store the product in cool (0 - 25 °C) and protect from frost.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 2

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

Trade name(s)	Kortol	Market area: IE
Authorisation number	SI-0032721-0007 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			2
Sodium chloride		Non-active substance	7647-14-5	231-598-3	16,5
Water		Non-active substance	7732-18-5	231-791-2	81,5

1. META SPC 3 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 3 identifier

Identifier	Meta SPC: Meta 3
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1.2. Suffix to the authorisation number

Number	1-3
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1.3. Product type(s)

Product type(s)	PT04: Food and feed area
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2. META SPC 3 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 3

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			1,9 - 1,9 % (w/w)
Acusol 445N Polymer		Non-active substance			1 - 1 % (w/w)
Water		Non-active substance	7732-18-5	231-791-2	74,3 - 74,3 % (w/w)
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	17 - 17 % (w/w)
Potassium hydroxide	Potassium hydroxide	Non-active substance	1310-58-3	215-181-3	5,8 - 5,8 % (w/w)

2.2. Type(s) of formulation of the meta SPC 3

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 3

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>P234: Keep only in original packaging.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear gloves/protective clothing/eye protection/face protection..</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>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>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to in accordance with local/national regulations.</p> <p>P501: Dispose of container to in accordance with local/national regulations.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1. Use #3.1 Beer line disinfection

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	Scientific name: no data Common name: Bacteria Development stage: no data Scientific name: no data Common name: Yeasts Development stage: no data
Field(s) of use	indoor use Disinfection of inner surfaces in beverage industry (beer lines)
Application method(s)	Method: Closed system - CIP Detailed description: /
Application rate(s) and frequency	Application rate: 954 mg/L active or available chlorine Dilution (%): 4% (v/v) product dilution Number and timing of application: 20 minutes contact time 1 application, 21-day cycle
Category(ies) of users	professional
Pack sizes and packaging material	5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung. 1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.

4.1.1. Use-specific instructions

To aid mixing, add 40 ml of the product to the 1liter wash bottle and then carefully add cold water avoiding splashes. Product is used at recommended 4% (v/v) dilution.
Minimum contact time is 20 minutes.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

For mixing and loading task, maintenance of pipeline/stock tank and processing circuit wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

For food commodities, ensure that the concentration of chlorate present in food does not exceed the MRL values set in regulation 2020/749.

4.1.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 3

5.1. Instructions for use

See use-specific instructions.

5.2. Risk mitigation measures

5.3. Risk mitigation measures

See use-specific risk mitigation measures.

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

See precautionary statements.

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

Dispose of contents/container according to local/national regulations.

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

Store locked up.

Shelf-life: 2 months

Store the product in cool (0 - 25 °C) and protect from frost.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 3

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

Trade name(s)	Tech 100 Beerline Cleaner	Market area: IE
	Cerelex N	Market area: IE
	Biocel Beerline Cleaner	Market area: IE
	Tech100B	Market area: IE
Authorisation number	SI-0032721-0008 1-3	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			1,9
Acusol 445N Polymer		Non-active substance			1
Water		Non-active substance	7732-18-5	231-791-2	74,3
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	17
Potassium hydroxide	Potassium hydroxide	Non-active substance	1310-58-3	215-181-3	5,8

1. META SPC 4 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 4 identifier

Identifier	Meta SPC: Meta 4
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1.2. Suffix to the authorisation number

Number	1-4
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1.3. Product type(s)

Product type(s)	PT04: Food and feed area
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2. META SPC 4 COMPOSITION

2.1. Qualitative and quantitative information on the composition of the meta SPC 4

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5 - 3,5 % (w/w)
Acusol 445N Polymer		Non-active substance			1 - 4,6 % (w/w)
Water		Non-active substance	7732-18-5	231-791-2	66,7 - 79 % (w/w)
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	4 - 18,5 % (w/w)
Potassium hydroxide	Potassium hydroxide	Non-active substance	1310-58-3	215-181-3	0 - 2,3 % (w/w)
Euroxide LO/A (N,N-Dimethydecylamine N-oxide)		Non-active substance	308062-28-4	931-292-6	0 - 8 % (w/w)

2.2. Type(s) of formulation of the meta SPC 4

Formulation type(s)	SL Soluble concentrate
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3. HAZARD AND PRECAUTIONARY STATEMENTS OF THE META SPC 4

Hazard statements	<p>H290: May be corrosive to metals.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P234: Keep only in original packaging.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P273: Avoid release to the environment.</p> <p>P280: Wear gloves/protective clothing/eye protection/face protection..</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>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>P310: Immediately call a POISON CENTER.</p> <p>P310: Immediately call a doctor.</p> <p>P363: Wash contaminated clothing before reuse.</p> <p>P390: Absorb spillage to prevent material damage.</p> <p>P391: Collect spillage.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to in accordance with local/national regulations.</p> <p>P501: Dispose of container to in accordance with local/national regulations.</p>

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1. Use #4.2 Dairy plant disinfection - cold/hot wash and bulk tank cleaning

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	/
Target organism(s) (including development stage)	<p>Scientific name: no data Common name: Bacteria Development stage: no data</p> <p>Scientific name: no data Common name: Yeasts Development stage: no data</p> <p>Scientific name: no data Common name: fungi Development stage: no data</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of inner surfaces of milking equipment (bulk milk tanks and milking machines)</p>
Application method(s)	<p>Method: Closed system - CIP (cold and/or hot solution circulated in dairy plant) and automatic dosing for bulk milk tanks</p> <p>Detailed description: /</p>
Application rate(s) and frequency	<p>Application rate: rate ranges from 347 to 434 mg/L active or available chlorine</p> <p>Dilution (%): products are used diluted</p> <p>Number and timing of application:</p> <p>10 minutes contact time</p> <p>1. CIP - cold circulation and automatic dosing: 1 % (v/v) corresponding to 434 mg/L available chlorine 2 applications per day: one in the morning and one in the evening</p> <p>2. CIP - hot circulation: 0.8 % (v/v) corresponding to 347 mg/L available chlorine 2 applications per day: one in the morning and one in the evening</p> <p>3. Automatic bulk tank cleaning: 1 % (v/v) corresponding to 434 mg/L active chlorine 1 application per day.</p>
Category(ies) of users	professional
Pack sizes and packaging material	<p>5 litres HDPE bottle with HDPE vented cap. 10 litres, 20 litres and 25 litres HDPE drum with HDPE vented cap. 60 litres, 120 litres and 200 litres HDPE drum with PP vented bung.</p>

	1000 litres IBC HDPE container with stainless steel frame & HDPE vented lid & discharge valve.
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4.1.1. Use-specific instructions

CIP - cold circulation

1. Wash jettors and outside of clusters and attach to jettors
2. Rinse plant with approximately 14 litres of clean water for each unit (preferably water at 36 °C).
3. Prepare product solution using 450 ml of product per 45 litres of water (dilution at 1% (v/v)), which is sufficient for 5-6 units. Add additional 9 litres of solution for each extra unit.
4. Circulate solution for 10 minutes.
5. Rinse out well until all traces of product are removed. Use 14 litres of cold, clean water per unit.

Use same procedure in the morning and the evening.

When using a cold circulation, include a hot wash at a temperature of 70 – 80 °C once to twice weekly.

CIP - hot circulation:

Follow the same procedure as for cold circulation but use 360 ml per 45 litres of water (dilution at 0.8 % (v/v)). Use hot (70 – 80 °C) water to prepare solution. This is sufficient for 5 to 6 units. Add additional 9 litres of solution for each extra unit. Do not re-use prepared solution.

Automatic dosing (bulk milk tank):

1. Turn off refrigeration system.
2. Select the wash program and set up the wash.
3. Tanks with automatic dosing of product should be set to use 1% (v/v) solution.
4. Washing solution is made by adding 450 ml of product in 45 litres of water to the detergent bowl, attached to the water box of the automatic washer.
5. For hot cleaning use water at 70 – 80 °C.
5. Operate the wash programme according to the manufacturer's instructions. Minimum contact time of 10 minutes.

4.1.2. Use-specific risk mitigation measures

4.1.3. Use-specific risk mitigation measures

For mixing and loading task, maintenance of pipeline/stock tank and processing circuit wear chemical-resistant gloves, eye/face protection, protective clothing and closed footwear (PPE material to be specified by the authorisation holder within the product information).

For food commodities, ensure that the concentration of chlorate present in food does not exceed the MRL values set in regulation 2020/749.

4.1.4. Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions use.

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

See general directions use.

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

See general directions use.

5. GENERAL DIRECTIONS FOR USE OF THE META SPC 4

5.1. Instructions for use

See use-specific instructions for each use.

5.2. Risk mitigation measures

5.3. Risk mitigation measures

See use-specific risk mitigation measures.

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

See precautionary statements.

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

Dispose of contents/container in accordance with national regulations.

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

Store locked up.

Shelf-life: 2 months

Store the product in cool (0 - 25 °C) and protect from frost.

6. OTHER INFORMATION

7. THIRD INFORMATION LEVEL: INDIVIDUAL PRODUCTS IN THE META SPC 4

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

Trade name(s)	Aquasan	Market area: IE
	Agri-san	Market area: IE
	Rezult	Market area: IE
Authorisation number	SI-0032721-0009 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5
Acusol 445N Polymer		Non-active substance			1
Water		Non-active substance	7732-18-5	231-791-2	78,5
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	17

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

Trade name(s)	Supersan Extra	Market area: IE
Authorisation number	SI-0032721-0010 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5
Acusol 445N Polymer		Non-active substance			1
Water		Non-active substance	7732-18-5	231-791-2	79
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	16,5

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

Trade name(s)	Parlorsan Plus	Market area: IE
	Coop Source Turbosan	Market area: IE
	BFS Xtreme Clean All Temperature	Market area: IE

	Liquid Detergent	
	Circo-San	Market area: IE
Authorisation number	SI-0032721-0011 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5
Acusol 445N Polymer		Non-active substance			4
Water		Non-active substance	7732-18-5	231-791-2	74
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	18,5

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

Trade name(s)	Gold Assure Hotwash XT	Market area: IE
	Magenta Liquid Detergent	Market area: IE
	Top Hygiene Circulation Cleaner	Market area: IE
	Parlorsan	Market area: IE
	Unisan	Market area: IE
	Southern Dairies Liquid Line & Tank Cleaner	Market area: IE
	Cipsan Liquid	Market area: IE
Authorisation number	SI-0032721-0012 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5
Acusol 445N Polymer		Non-active substance			1,5
Water		Non-active substance	7732-18-5	231-791-2	76,5
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	18,5

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

Trade name(s)	Multisan	Market area: IE
	Gold Assure Universan	Market area: IE
Authorisation number	SI-0032721-0013 1-4	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Active chlorine released from sodium hypochlorite		active substance			3,5
Acusol 445N Polymer		Non-active substance			4,6
Water		Non-active substance	7732-18-5	231-791-2	72,3
Sodium hydroxide	Sodium hydroxide	Non-active substance	1310-73-2	215-185-5	17,3
Potassium hydroxide	Potassium hydroxide	Non-active substance	1310-58-3	215-181-3	2,3