



2026/891

24.4.2026

COMMISSION IMPLEMENTING REGULATION (EU) 2026/891

of 23 April 2026

granting a Union authorisation for the biocidal product family 'Hydrogen Peroxide Products' in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products ⁽¹⁾, and in particular Article 44(5), first subparagraph, thereof,

Whereas:

- (1) On 14 February 2017, GEA Farm Technologies submitted an application to the European Chemicals Agency ('the Agency') in accordance with Article 43(1) of Regulation (EU) No 528/2012 for Union authorisation of a biocidal product family named 'Hydrogen Peroxide Products' of product-types 3 and 4, as described in Annex V to that Regulation, providing written confirmation that the competent authority of the Netherlands had agreed to evaluate the application. The application was recorded under case number BC-KD029460-57 in the Register for Biocidal Products.
- (2) 'Hydrogen Peroxide Products' contains hydrogen peroxide as the active substance, included in the Union list of approved active substances referred to in Article 9(2) of Regulation (EU) No 528/2012 for product-types 3 and 4.
- (3) On 13 November 2024, the evaluating competent authority submitted, in accordance with Article 44(1) of Regulation (EU) No 528/2012, an assessment report and the conclusions of its evaluation to the Agency.
- (4) On 5 June 2025, the Agency submitted to the Commission its opinion ⁽²⁾, the draft summary of the biocidal product characteristics ('SPC') of 'Hydrogen Peroxide Products' and the final assessment report on the biocidal product family, in accordance with Article 44(3) of Regulation (EU) No 528/2012.
- (5) The opinion concludes that 'Hydrogen Peroxide Products' is a biocidal product family within the meaning of Article 3(1), point (s), of Regulation (EU) No 528/2012, that it is eligible for Union authorisation in accordance with Article 42(1) of that Regulation and that, subject to compliance with the draft SPC, it meets the conditions laid down in Article 19(6) of that Regulation.
- (6) On 23 June 2025, the Agency transmitted to the Commission the draft SPC in all the official languages of the Union in accordance with Article 44(4) of Regulation (EU) No 528/2012.
- (7) The Commission concurs with the opinion of the Agency and considers it therefore appropriate to grant a Union authorisation for the biocidal product family 'Hydrogen Peroxide Products'.
- (8) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Biocidal Products,

⁽¹⁾ OJ L 167, 27.6.2012, p. 1, ELI: <http://data.europa.eu/eli/reg/2012/528/oj>.

⁽²⁾ Opinion of 15 May 2025 on the Union authorisation of the biocidal product family 'Hydrogen Peroxide Products' (ECHA/BPC/479/2025), <https://echa.europa.eu/opinions-on-union-authorisation>.

HAS ADOPTED THIS REGULATION:

Article 1

A Union authorisation with authorisation number EU-0035038-0000 is hereby granted to GEA Farm Technologies for the making available on the market and use of the biocidal product family 'Hydrogen Peroxide Products' in accordance with the summary of the biocidal product characteristics set out in the Annex.

The Union authorisation is valid from 14 May 2026 until 30 April 2036.

Article 2

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 23 April 2026.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Summary of product characteristic for a biocidal product family

Hydrogen Peroxide Products

Product type(s)

PT03: Veterinary hygiene

PT04: Food and feed area

Authorisation number EU-0035038-0000**R4BP asset number** EU-0035038-0000

PART I

FIRST INFORMATION LEVEL**1. ADMINISTRATIVE INFORMATION****1.1. Family name**

Name	Hydrogen Peroxide Products
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1.2. Product type(s)

Product type(s)	PT03: Veterinary hygiene PT04: Food and feed area
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1.3. Authorisation holder

Name and address of the authorisation holder	Name	GEA Farm Technologies GmbH
	Address	Siemensstraße 25-27 59199 Bönen DE
Authorisation number	EU-0035038-0000	
R4BP asset number	EU-0035038-0000	
Date of the authorisation	14 May 2026	
Expiry date of the authorisation	30 April 2036	

1.4. Manufacturer(s) of the product

Name of manufacturer	GEA Farm Technologies
Address of manufacturer	Wylle Works BA12 9HT Warminster United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	GEA Farm Technologies site 1 Wylle Works BA12 9HT Warminster United Kingdom of Great Britain and Northern Ireland (the)

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

Active substance	Hydrogen peroxide
Name of manufacturer	Solvay Interox Ltd
Address of manufacturer	Baronet Road WA4 6HA Warrington United Kingdom of Great Britain and Northern Ireland (the)
Location of manufacturing sites	Solvay Interox Ltd site 1 Baronet Road WA4 6HA Warrington United Kingdom of Great Britain and Northern Ireland (the)

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 (%)
Hydrogen peroxide		Active substance	7722-84-1	231-765-0	1,3 - 5,3 % (w/w)
Methane Sulphonic Acid		Non-active substance	75-75-2		0 - 7,98 % (w/w)
Sulphuric Acid	Sulfuric Acid	Non-active substance	7664-93-9	231-639-5	0 - 17 % (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: Hydrogen Peroxide Premilking Dip/Spray/ Foam
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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)	PT03: Veterinary hygiene
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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 (%)
Hydrogen peroxide		Active substance	7722-84-1	231-765-0	1,3 - 1,3 % (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	H290: May be corrosive to metals. EUH210: Safety data sheet available on request.
Precautionary statements	P234: Keep only in original packaging. P390: Absorb spillage to prevent material damage.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Use # 1.1 – RTU Products – Professional RTU Liquid, for application pre milking – teat spraying

Product type	PT03: Veterinary hygiene
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts
Field(s) of use	indoor use Veterinary hygiene (disinfectant) for direct application to animal teats, pre milking, via spray application method
Application method(s)	Method: open system: spray treatment Detailed description: Application via pneumatic teat spray device: Uptake lance of spray system is placed in the container of the product. The product is then pumped to a spray lance located in the milking parlour. The spray lance is then used to cover the bottom two thirds of the teats with the product Application via manual trigger spray: Fill the trigger spray bottle with the product. Use the trigger spray to cover the bottom two thirds of each teat with the product

Application rate(s) and frequency	Application Rate: Ready to use formulation. Quantity of product to be applied per application: - cows and buffaloes: 3 to 10 ml (5 ml recommended) - sheep 1,5 to 5 ml (1,5 ml recommended) - goats 2,5 to 6 ml (2,5 ml recommended) Contact time: 60 seconds Number and timing of application: Application frequency: 2 pre milking applications per animal, per day.
Category(ies) of users	professional
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE (High Density Polyethylene) , 1 000 kg Jerry can, Plastic: HDPE , 10 kg Jerry can, Plastic: HDPE , 20 kg Jerry can, Plastic: HDPE , 25 kg Jerry can, Plastic: HDPE , 30 kg Drum, Plastic: HDPE , 200 kg Drum, Plastic: HDPE , 220 kg tamper evident seals on all sizes.

4.1.1. Use-specific instructions for use

Before attaching the milking cluster, all teat-dip residues shall be removed from teats with either a single use towel or re-usable cloth. One cloth shall be used per animal.

The product must be brought to a temperature above 20°C before use.

Always read the label or leaflet before use and follow all the instructions provided.

Product can be used during the entire lactation period.

4.1.2. Use-specific risk mitigation measures

See General directions for use

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 General directions for use

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

See General directions for use

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

See General directions for use

4.2. Use description

Table 2

Use # 1.2 – RTU Products – Professional RTU Liquid, for application pre milking –teat foaming

Product type	PT03: Veterinary hygiene
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts

Field(s) of use	indoor use Veterinary hygiene (disinfectant) for direct application to animal teats, pre milking, via foaming application method
Application method(s)	Method: open system: foam application Detailed description: Application via foaming Dip cup: Using a foaming dip cup with non-return valves, dispense the product into the reservoir. Screw down the applicator portion. Squeeze the reservoir to fill the applicator and produce foam and refill the applicator as needed. This is then applied to the bottom two thirds of the teats. Dispose of unused product after each milking. Refill the reservoir as needed.
Application rate(s) and frequency	Application Rate: Ready to use formulation. Quantity of product to be applied per application: - cows and buffaloes: 3 to 10 ml (5 ml recommended) - sheep 1,5 to 5 ml (1,5 ml recommended) - goats 2,5 to 6 ml (2,5 ml recommended) Contact time: 60 seconds Number and timing of application: Application frequency: 2 pre milking applications per animal, per day.
Category(ies) of users	professional
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE (High Density Polyethylene) , 1 000 kg Jerry can, Plastic: HDPE , 10 kg Jerry can, Plastic: HDPE , 20 kg Jerry can, Plastic: HDPE , 25 kg Jerry can, Plastic: HDPE , 30 kg Drum, Plastic: HDPE , 200 kg Drum, Plastic: HDPE , 220 kg tamper evident seals on all sizes.

4.2.1. Use-specific instructions for use

Before attaching the milking cluster, all teat-dip residues shall be removed from teats with either a single use towel or re-usable cloth. One cloth shall be used per animal.

The product must be brought to a temperature above 20°C before use.

Cups shall be refilled with fresh solution before starting new milking session.

Dispose of unused product after each milking session.

Always read the label or leaflet before use and follow all the instructions provided.

Product can be used during the entire lactation period.

4.2.2. Use-specific risk mitigation measures

See General directions for use

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

See General directions for use

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

See General directions for use

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

See General directions for use

4.3. Use description

Table 3

Use # 1.3 – RTU Products – Professional RTU Liquid, for application pre milking – teat dipping

Product type	PT03: Veterinary hygiene
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts
Field(s) of use	indoor use Veterinary hygiene (disinfectant) for direct application to animal teats, pre milking, via dip application method
Application method(s)	Method: open system: dip treatment Detailed description: Application via dip cup: Using a traditional dip cup with non-return valves, dispense the product into the reservoir. Screw down the applicator portion. Squeeze the reservoir to fill the applicator and refill the applicator as needed. Cover the bottom two thirds of each teat with the product. Dispose of unused product after each milking. Refill the reservoir as needed.
Application rate(s) and frequency	Application Rate: Ready to use formulation. Quantity of product to be applied per application: - cows and buffaloes: 3 to 10 ml (5 ml recommended) - sheep 1,5 to 5 ml (1,5 ml recommended) - goats 2,5 to 6 ml (2,5 ml recommended) Contact time: 60 seconds Number and timing of application: Application frequency: 2 pre milking applications per animal, per day.
Category(ies) of users	professional
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE (High Density Polyethylene) , 1 000 kg Jerry can, Plastic: HDPE , 10 kg Jerry can, Plastic: HDPE , 20 kg Jerry can, Plastic: HDPE , 25 kg Jerry can, Plastic: HDPE , 30 kg Drum, Plastic: HDPE , 200 kg Drum, Plastic: HDPE , 220 kg tamper evident seals on all sizes.

4.3.1. Use-specific instructions for use

Before attaching the milking cluster, all teat-dip residues shall be removed from teats with either a single use towel or re-usable cloth. One cloth shall be used per animal.

The product must be brought to a temperature above 20°C before use.

Dispose of unused product after each milking session.

Always read the label or leaflet before use and follow all the instructions provided.

Product can be used during the entire lactation period.

4.3.2. *Use-specific risk mitigation measures*

See General directions for use

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

See General directions for use

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

See General directions for use

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

See General directions for use

4.4. **Use description**

Table 4

Use # 1.4 – RTU Products – Professional RTU Liquid, for application pre milking – teat dipping via automated In-liner dipping

Product type	PT03: Veterinary hygiene
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts
Field(s) of use	indoor use Veterinary hygiene (disinfectant) for direct application to animal teats, pre milking, via in liner dip application method.
Application method(s)	Method: open system: dip treatment Detailed description: Application via in liner dipping: teat dip is dispensed directly into the rubber milking cluster liner. The liner is then manipulated mechanically to clean the teat. The content is then drained to waste and a water flush is administered into the liner prior to the commencement of milking.
Application rate(s) and frequency	Application Rate: Ready to use formulation. Quantity of the product to be applied per application: - cows and buffaloes: 3 to 10 ml (5 ml recommended) - sheep 1,5 to 5 ml (1,5 ml recommended) - goats 2,5 to 6 ml (2,5 ml recommended) Contact time: 60 seconds Number and timing of application: Application frequency: 2 pre milking applications per animal, per day.
Category(ies) of users	professional
Pack sizes and packaging material	IBC (intermediate bulk container), Plastic: HDPE (High Density Polyethylene) , 1 000 kg Jerry can, Plastic: HDPE , 10 kg Jerry can, Plastic: HDPE , 20 kg Jerry can, Plastic: HDPE , 25 kg Jerry can, Plastic: HDPE , 30 kg Drum, Plastic: HDPE , 200 kg Drum, Plastic: HDPE , 220 kg tamper evident seals on all sizes.

4.4.1. *Use-specific instructions for use*

The product must be brought to a temperature above 20°C before use.

Always read the label or leaflet before use and follow all the instructions provided.

Product can be used during the entire lactation period.

4.4.2. *Use-specific risk mitigation measures*

See General directions for use

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

See General directions for use

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

See General directions for use

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

See General directions for use

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 1**

5.1. **Instructions for use**

See Use specific instructions

5.2. **Risk mitigation measures**

See Use specific instructions

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

Remove and wash contaminated clothing before re-use.

IF INHALED: If symptoms occur call a POISON CENTRE or a doctor.

IF SWALLOWED: If symptoms occur call a POISON CENTRE or a doctor.

IF ON SKIN: Wash skin with water. If symptoms occur call a POISON CENTRE or a doctor.

IF IN EYES: If symptoms occur rinse with water. Remove contact lenses, if present and easy to do. Call a POISON CENTRE or a doctor.

Large spills shall be contained using a chemical spill kit, soaked up using absorbent material such as kieselguhr and disposed of as hazardous waste.

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

At the end of the treatment, dispose of unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual farm based waste water treatment plant.

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

Shelf-life: 12 months. Do not store above 40°C. Protect from frost and direct sunlight. Keep container tightly closed and do not store together with animal feedstuffs.

6. OTHER INFORMATION

Please be aware of the European reference value of 1,25 mg/m³ for the active substance hydrogen peroxide (CAS No.: 7722-84-1) which was used for the risk assessment for the biocidal product (please be aware that relevant lower national limit values may apply).

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)		OxyCidePré	Market area: EU		
Authorisation number		EU-0035038-0001 1-1			
Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrogen peroxide		Active substance	7722-84-1	231-765-0	1,3 % (w/w)

1. META SPC 2 ADMINISTRATIVE INFORMATION

1.1. Meta SPC 2 identifier

Identifier	Meta SPC: Hydrogen Peroxide Circulation Cleaner.
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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)	PT04: Food and feed area
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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 (%)
Hydrogen peroxide		Active substance	7722-84-1	231-765-0	5,3 - 5,3 % (w/w)
Methane Sulphonic Acid		Non-active substance	75-75-2		7,98 - 7,98 % (w/w)
Sulphuric Acid	Sulfuric Acid	Non-active substance	7664-93-9	231-639-5	17 - 17 % (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	H242: Heating may cause a fire. H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage.
Precautionary statements	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P234: Keep only in original packaging. P235: Keep cool. P260: Do not breathe vapours. P280: Wear protective clothing. P280: Wear protective gloves. P280: Wear eye protection. P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. 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. P310: Immediately call a POISON CENTER/doctor. P363: Wash contaminated clothing before reuse. P390: Absorb spillage to prevent material damage. P403: Store in a well-ventilated place. P405: Store locked up. P501: Dispose of contents a hazardous waste disposal service in accordance with the statutory regulations. P501: Dispose of contents a hazardous waste disposal service in accordance with the statutory regulations.

4. AUTHORISED USE(S) OF THE META SPC

4.1. Use description

Table 1

Use # 3.5 – Disinfection and cleaning of inner surfaces in milking machine pipelines by circulation: concentrate

Product type	PT04: Food and feed area
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts
Field(s) of use	indoor use Disinfection of inner surfaces in milking machines

Application method(s)	Method: closed system - Cleaning In Place Detailed description:
Application rate(s) and frequency	Application Rate: as needed. Contact time: 10 minutes 0,5 % v/v product Number and timing of application: Pipes: Typically once a day for pipeline cleaning and disinfection as a separate alkali detergent would be used following the second milking. This product can, however, be used twice a day and the application rate reflects this
Category(ies) of users	professional
Pack sizes and packaging material	1 000 kg, 1 000 l and 1 200 kg IBC. HDPE (High Density Polyethylene) bottle in a metal cage on either a metal or wooden pallet. Plastic lid with tamper evident seals at lid and valve 200 kg and 220 kg HDPE drum with polypropylene bung and tamper evident seal 10 kg, 20 kg, 25 kg and 35 kg HDPE Jerrycan with polypropylene, tamper evident, cap

4.1.1. *Use-specific instructions for use*

Pre-rinse with hand-warm (max 35°C) water.

The product is drawn from its drum via a suction tube into a dilution tank of water. The diluted material is then circulated around the pipe lines. It will be used at a minimum of 50°C (the temperature of water starts at 70-80°C and cools as circulation occurs) and circulated for a minimum of 10 minutes). Rinse off with potable water.

Concentration: product dilution is 0,5% v/v.

Contact time: 10 min.

Circulate for 10 minutes with a 0,5% v/v product dilution in water. The water temperature shall be >50°C at the end of the treatment.

Rinse with cold drinking water.

Always read the label or leaflet before use and follow all the instructions provided.

4.1.2. *Use-specific risk mitigation measures*

See General directions for use

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 General directions for use

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

See General directions for use

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

See General directions for use

4.2. Use description

Table 2

Use # 3.6 – Disinfection and cleaning of milk storage tanks by Circulation: concentrate

Product type	PT04: Food and feed area
Target organism(s) (including development stage)	Common name: bacteria Common name: yeasts
Field(s) of use	indoor use Disinfection of inner surfaces in Milk Storage Tank
Application method(s)	Method: closed system - Cleaning In Place Detailed description:
Application rate(s) and frequency	Application Rate: as needed. Contact time: 10 minutes 0,5 % v/v product Number and timing of application: Tanks: Typically once every third day following collection of milk
Category(ies) of users	professional
Pack sizes and packaging material	10 kg, 20 kg, 25 kg and 35 kg HDPE Jerrycan with polypropylene, tamper evident, cap 200 kg and 220 kg HDPE drum with polypropylene bung and tamper evident seal 1 000 kg, 1 000 l and 1 200 kg IBC. HDPE bottle in a metal cage on either a metal or wooden pallet. Plastic lid with tamper evident seals at lid and valve

4.2.1. Use-specific instructions for use

Pre-rinse with hand-warm (max. 35°C) water.

The product is drawn from its drum via a suction tube into a dilution tank of water. The diluted material is then circulated around the milk storage tanks. It will be used at a minimum of 50°C (the temperature of water starts at 70-80°C and cools as circulation occurs) and circulated for a minimum of 10 minutes). Rinse off with potable water.

Concentration: product dilution is 0,5% v/v.

Contact time: 10 minutes

Circulate for 10 minutes with a 0,5% v/v dilution in water. The water temperature shall be >50°C at the end of the treatment.

Rinse with cold drinking water

Always read the label or leaflet before use and follow all the instructions provided.

4.2.2. Use-specific risk mitigation measures

See General directions for use

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

See General directions for use

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

See General directions for use

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

See General directions for use

5. **GENERAL DIRECTIONS FOR USE OF THE META SPC 2**

5.1. **Instructions for use**

See Use specific instructions

5.2. **Risk mitigation measures**

When connecting and disconnecting tubes and during mixing and loading:

- Use of respiratory protective equipment (RPE) according to EN 405 or similar is mandatory.
- Wear gloves according to EN374 or similar (glove material to be specified by the authorisation holder within the product information).
- Wear chemical goggles according to EN166 or similar.
- Wear a protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information).

This is without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

Product is automatically dosed into the water tank via a suction tube. The diluted material is then circulated around the milking parlour or bulk tank before being discharged to waste water

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

Effects:

Causes severe skin burns and eye damage.

Ingestion of aqueous solution causes gastrointestinal burns.

Hazard of gastric perforation.

First aid:

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing.

If symptoms: Call 112/ambulance for medical assistance.

If no symptoms: Call a POISON CENTRE or a doctor.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse. Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance. Information to Healthcare personnel/doctor: The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid.

Emergency measures environment:

Do not discharge into the drains/surface waters/ground water.

Cleaning: Take up with absorbent material (e.g. kieselguhr). Shovel into suitable container for disposal.

Avoid release to the environment.

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

At the end of the treatment, dispose of unused product and the packaging in accordance with local requirements. Used product can be flushed to the municipal sewer or disposed to the manure deposit depending on local requirements. Avoid release to an individual farm based waste water treatment plant.

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

Shelf-life: 12 months. Do not store above 25°C. Protect from frost and direct sunlight. Keep container tightly closed and do not store together with animal feedstuffs.

6. OTHER INFORMATION

Please be aware of the European reference value of 1,25 mg/m³ for the active substance hydrogen peroxide (CAS No.: 7722-84-1) which was used for the risk assessment for the biocidal product (please be aware that relevant lower national limit values may apply).

The following personal protective equipment (PPE) is stipulated without prejudice to the application by employers of Council Directive 98/24/EC and other Union legislation in the area of health and safety at work.

EN 166 – Eye protection against chemicals

EN 374 – Protective gloves against dangerous chemicals and micro-organisms

EN 405 - Respiratory protective devices - Valved filtering half masks to protect against gases or gases and particles - Requirements, testing, marking

EN14605 - Protective clothing against liquid chemicals - performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

With respect to the “Category (ies) of users” note: “Professionals (including industrial users)” means trained professionals if this is required by national legislation.

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)	CircoPure N SFM	Market area: EU
	CircoPro WSA	Market area: EU
	Acidklene	Market area: EU
	Peroxydan	Market area: EU
	Peroxyklene	Market area: EU
	Kristal Clean	Market area: EU
Authorisation number	EU-0035038-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Hydrogen peroxide		Active substance	7722-84-1	231-765-0	5,3 % (w/w)
Sulphuric Acid	Sulfuric Acid	Non-active substance	7664-93-9	231-639-5	17 % (w/w)