

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

INDAL PAA 15-BG-en

Product type(s)

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

PT04: Food and feed area

Authorisation number: 3260-1 1-4

R4BP asset number: BG-0024556-0004

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1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	INDAL PAA 15 PAA 15
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	STOCKMEIER FRANCE SAS
	Address	3 rue de la Buhotière 35091 RENNES France
Authorisation number		3260-1 1-4
<i>R4BP asset number</i>		BG-0024556-0004
Date of the authorisation		29/11/2021
Expiry date of the authorisation		10/08/2030

1.3. Manufacturer(s) of the product

Name of manufacturer	QUARON SAS
Address of manufacturer	3 Rue de la Buhotière 35091 Rennes France
Location of manufacturing sites	3 Rue de la Buhotière 35091 Rennes France

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

Active substance	Peracetic acid
Name of manufacturer	QUARON SAS
Address of manufacturer	3 Rue de la Buhotière 35091 Rennes France
Location of manufacturing sites	3 Rue de la Buhotière 35091 Rennes France

2. PRODUCT COMPOSITION AND FORMULATION

2.1. Qualitative and quantitative information on the composition of the product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Peracetic acid		active substance	79-21-0	201-186-8	15,8
Hydrogen peroxide		Non-active substance	7722-84-1	231-765-0	25
Acetic acid		Non-active substance	64-19-7	200-580-7	13,8

2.2. Type(s) of formulation

SL Soluble concentrate

3. HAZARD AND PRECAUTIONARY STATEMENTS

<p>Hazard statements</p>	<p>H290: May be corrosive to metals.</p> <p>H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled.</p> <p>H314: Causes severe skin burns and eye damage.</p> <p>H335: May cause respiratory irritation.</p> <p>H410: Very toxic to aquatic life with long lasting effects.</p> <p>H242: Heating may cause a fire.</p>
<p>Precautionary statements</p>	<p>P273: Avoid release to the environment.</p> <p>P280: Wear protective gloves.</p> <p>P280: Wear protective clothing.</p> <p>P280: Wear eye protection.</p> <p>P280: Wear face protection.</p> <p>P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</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>P260: Do not breathe dust.</p> <p>P260: Do not breathe fume.</p> <p>P260: Do not breathe gas.</p> <p>P260: Do not breathe mist.</p> <p>P260: Do not breathe vapours.</p> <p>P260: Do not breathe spray.</p> <p>P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P410: Protect from sunlight.</p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P234: Keep only in original packaging.</p> <p>P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.</p>

4. AUTHORISED USE(S)

4.1. Use description

Table 1. Disinfection of waste water and leachates in private and public sewage treatment plant

Product type	PT02: Disinfectants and algacides 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/yeasts Development stage: no data Scientific name: no data Common name: Mycobacteria Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	outdoor use Outdoors disinfection of waste water and leachates in private and public sewage treatment plant.
Application method(s)	Method: open system Detailed description: The concentrate solution is continuously added in used waters to reach a concentration of 0.07% (v/v), via a proportional automatic dosage system or a venturi system. The product is applied automatically and continuously to waste water during the time of treatment. The product is applied at ambient temperature with a contact time with surfaces of 30 minutes. The product is continuously applied in dirty conditions.
Application rate(s) and frequency	Application Rate: - Dilution (%): 0.07 (v/v) Number and timing of application: The product is used daily and continuously.
Category(ies) of users	trained professional
Pack sizes and packaging material	5-10-20-200-1000L HDPE

4.1.1. Use-specific instructions for use

4.1.2. Use-specific risk mitigation measures

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

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

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

4.2. Use description

Table 2. Laundry disinfection in professional laundry and washing machine

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/yeasts Development stage: no data Scientific name: no data Common name: Mycobacteria Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data
Field(s) of use	indoor use Indoors laundry disinfection in professional laundry and washing machine.
Application method(s)	Method: closed system Detailed description: The concentrate solution is continuously diluted in tap water to a maximum final PAA concentration of 1200 ppm (0.8% v/v), via a proportional automatic dosage system with a membrane pump integrated into the washing machine. The diluted product is then applied automatically and continuously to water during cleaning cycle (rinsing step). The diluted product is directly applied at a temperature of 45°C to the tap water in order to obtain a disinfecting solution. The contact time with surfaces (textiles) is 15 minutes. The product is applied on clean textiles. The treated textiles are then rinsed with tap water after the indicated contact time.
Application rate(s) and frequency	Application Rate: The applied dose of concentrate is 150 ml/kg of laundry.

	Dilution (%): 0.8 (v/v) Number and timing of application: The product is used daily.
Category(ies) of users	trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.2.1. Use-specific instructions for use

4.2.2. Use-specific risk mitigation measures

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

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

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

4.3. Use description

Table 3. Disinfection of closed circulation circuits by cleaning-in-place in agri-food industry

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/yeasts Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data Scientific name: no data Common name: Spores Development stage: no data
Field(s) of use	indoor use Indoors disinfection of closed circulation circuits by cleaning-in-place in agri-food industry.
Application method(s)	Method: closed system Detailed description: The concentrate solution is diluted in tap water from 0.05% to 1.6% (v/v), via a proportional automatic dosage system or a venturi system. The product is then applied automatically and continuously during the time of treatment in closed systems for cleaning-in-place. The diluted product is applied at ambient temperature with a contact time with surfaces

	of 5 to 30 minutes. The product should be applied on clean surfaces. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequency	Application Rate: - Dilution (%): 0.05 to 1.6 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.3.1. Use-specific instructions for use

4.3.2. Use-specific risk mitigation measures

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

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

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

4.4. Use description

Table 4. Surfaces disinfection by manual dipping

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/yeasts Development stage: no data Scientific name: no data Common name: Viruses Development stage: no data Scientific name: no data Common name: Spores Development stage: no data
Field(s) of use	indoor use Indoors disinfection of containers or surfaces by manual dipping in agri-food industry.
Application method(s)	Method: open system: dip treatment Detailed description: The concentrate solution is diluted in tap water from 0.05% to 1.6% (v/v), via a proportional automatic

	dosage system or a venturi system. The diluted product is applied by manual dipping in containers during the time of treatment. The product should be applied on clean surfaces at ambient temperature with a contact time with surfaces of 5 to 30 minutes. The treated surfaces are rinsed with drinking water after the indicated contact time.
Application rate(s) and frequency	Application Rate: - Dilution (%): 0.05 to 1.6 (v/v) Number and timing of application: The product is used once a day, 220 days per year.
Category(ies) of users	trained professional
Pack sizes and packaging material	0.25-1-5-10-20-200-1000L HDPE

4.4.1. Use-specific instructions for use

4.4.2. Use-specific risk mitigation measures

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

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

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

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

Please refer to the authorised uses.

5.2. Risk mitigation measures

- 1) For Automatic pumping/mixing and loading applications for PT2 and PT 4: gloves, a protective coat, a face shield and a Full mask (P2 type) is required.
- 2) For manual spraying for PT 4 applications in industries: gloves and a protective coat are required. But no RPE is necessary.
- 3) In order to protect the environment, a thiosulfate neutralization can be performed in order to decompose peracetic acid and hydrogen peroxide that could potentially persist after treatment. For this neutralization, sodium thiosulfate as a powder (technical Na₂S₂O₃ 5H₂O, purity > 98.5%) can be directly added in the water. This neutralization could be required when the product is applied for waste disinfection (Use 1).

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

Likely direct or indirect effects:

- May be corrosive to metals.
- Harmful if swallowed, in contact with skin or inhaled.
- Causes severe skin burns and eye damage.
- May cause respiratory irritation.
- Very toxic to aquatic life with long lasting effects.
- Heating may cause a fire.

First aid instructions:

- IF SWALLOWED : Rinse mouth. DO NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Emergency measures to protect the environment:

- Avoid release to the environment.
- Keep only in original container.

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

- Avoid release to the environment.
- Keep only in original container.

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

Store at ambient temperature.

Shelf-life under normal conditions of storage: 1 year.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

6. OTHER INFORMATION