

# Summary of product characteristics for a biocidal product family

**Family name:** Nonanoic Acid Algaecides

**Product type(s):** PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

**Authorisation number:** 364-73

**R4BP 3 asset reference number:** DK-0013114-0000

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## Part I.- First information level

### 1. Administrative information

#### 1.1. Family name

Nonanoic Acid Algaecides

#### 1.2. Product type(s)

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

#### 1.3. Authorisation holder

##### Name and address of the authorisation holder

Name	W. Neudorff GmbH KG
Address	An der Mühle 3 31860 Emmerthal Germany

##### Authorisation number

364-73

##### R4BP 3 asset reference number

DK-0013114-0000

##### Date of the authorisation

11/07/2022

##### Expiry date of the authorisation

08/07/2032

#### 1.4. Manufacturer(s) of the biocidal products

##### Name of the manufacturer

W. Neudorff GmbH KG

##### Address of the manufacturer

An der Mühle 3 31860 Emmerthal Germany

##### Location of manufacturing sites

Otto-Brenner-Straße 13-15 21337 Lüneburg Germany

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

<b>Active substance</b>	47 - Nonanoic acid, Pelargonic acid
<b>Name of the manufacturer</b>	W. Neudorff GmbH KG (Emery Oleochemicals LLC)
<b>Address of the manufacturer</b>	An der Mühle 3 31860 Emmerthal Germany
<b>Location of manufacturing sites</b>	Emery Oleochemicals LLC, 4900 Este Ave 45232-1446 Cincinnati, Ohio United States

## 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 (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	3,1 - 80
Ammonium hydroxide 25% solution	Ammonium hydroxide 25%	Non-active substance	1336-21-6	215-647-6	0 - 7,11
Propan-2-ol	Isopropanol	Non-active substance	67-63-0	200-661-7	0 - 2

### 2.2. Type(s) of formulation

EC - Emulsifiable concentrate
AL - Any other liquid

## Part II.- Second information level - meta SPC(s)

### 1. Meta SPC administrative information

#### 1.1. Meta SPC identifier

Meta SPC 1
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## 1.2. Suffix to the authorisation number

1-1

## 1.3 Product type(s)

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

## 2. Meta SPC composition

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	20,94 - 20,94
Ammonium hydroxide 25% solution	Ammonium hydroxide 25%	Non-active substance	1336-21-6	215-647-6	7,11 - 7,11

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

Formulation(s)

EC - Emulsifiable concentrate

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes serious eye irritation.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Wash hands thoroughly after handling.

Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice.

If eye irritation persists: Get medical attention.

Dispose of container to local regulations..

Dispose of contents to local regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

**Use 1 - Use 1 Algae – professional and non-professional users – spraying – outdoor – glass, wood, plastic, metal**

**Product type**

PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)

**Where relevant, an exact description of the authorised use**

Algaecide

**Target organism(s) (including development stage)**

Scientific name: Chlorophyta spp.  
Common name: Green algae  
Development stage:

**Field(s) of use**

Outdoor

Algaecide for use on various surfaces made of glass, wood, plastic or metal (vertical and horizontal structures) like e.g. glasshouses, plastic tunnels, sports fields, fences or terraces.

**Application method(s)**

Method: Spraying  
Detailed description:  
Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).

**Application rate(s) and frequencies**

Application Rate: 100 mL application solution per m<sup>2</sup> corresponding to 0.99 g a.s./m<sup>2</sup>  
Dilution (%): 5 Dilution: mix 5 mL product and 95 mL water; 5%(w/w) product in water corresponding to 1%(w/w) a.s.  
Number and timing of application:

Frequency: 1-2 times per year

(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

**Category(ies) of users**

Professional  
General public (non-professional)

**Pack sizes and packaging material**

professional and non-professional  
Dosing bottle Ultima 510 mL HDPE  
L: 100 mm W: 53 mm H: 233 mm 500 mL  
Neck diameter: outer 35.3 mm; inner 23 mm Closure for Dosing bottles HDPE child proof  
Dosing bottle Ultima 1020 mL HDPE  
L: 121 mm W: 63 mm H: 273 mm 1000 mL  
Neck diameter: outer 35.3 mm; inner 23 mm : Closure for Dosing bottles HDPE child proof  
professional  
Jerrycan: type 5 SK 5  
(UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)  
  
L: 191 mm:W: 152 mm; H: 290 mm 5 L HDPE  
wall thickness: 0.9 - 1.5 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam  
Jerrycan: type 10 SK 4  
(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)  
  
L: 232 mm W: 192 mm H: 309 mm 10 L HDPE  
wall thickness: 1.2 - 1.8 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

**4.1.1 Use-specific instructions for use**

100 mL spraying solution are needed per m2 area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 5 mL product with the dosing cap and mix it with 95 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m².]

#### 4.1.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift.

The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

#### 4.2 Use description

Use 2 - Use 2 Algae and lichen – professional and non-professional users – spraying – outdoor – roof tiles

##### Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

##### Where relevant, an exact description of the authorised use

Algaecide

##### Target organism(s) (including development stage)

Scientific name: Chlorophyta spp.  
Common name: Green algae  
Development stage:

Scientific name: lichens  
Common name: Lichens  
Development stage:

Scientific name: Chrysophyceae  
Common name: Yellow Algae  
Development stage:

##### Field(s) of use



**Application method(s)**

Outdoor  
Algaecide for use on roof tiles.

Method: Spraying  
Detailed description:  
Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar)

**Application rate(s) and frequencies**

Application Rate: 100 mL spraying solution/m<sup>2</sup> correspond to 0.99 g a.s./m<sup>2</sup>.  
Dilution (%): 5 Dilution: mix 5 mL product and 95 mL water; 5%(w/w) product in water corresponding to 1%(w/w) a.s.  
Number and timing of application:  
  
Frequency: 1-2 x per year  
  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

**Category(ies) of users**

Professional  
General public (non-professional)

**Pack sizes and packaging material**

professional and non-professional  
  
Dosing bottle Ultima 510 mL HDPE  
L: 100 mm W: 53 mm H: 233 mm 500 mL  
Neck diameter: outer 35.3 mm; inner 23 mm Closure for Dosing bottles HDPE child proof  
Dosing bottle Ultima 1020 mL HDPE  
L: 121 mm W: 63 mm H: 273 mm 1000 mL  
Neck diameter: outer 35.3 mm; inner 23 mm : Closure for Dosing bottles HDPE child proof  
professional  
Jerrycan: type 5 SK 5  
(UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)  
L: 191 mm:W: 152 mm; H: 290 mm 5 L HDPE  
wall thickness: 0.9 - 1.5 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam  
Jerrycan: type 10 SK 4  
(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)  
L: 232 mm W: 192 mm H: 309 mm 10 L HDPE  
wall thickness: 1.2 - 1.8 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

#### 4.2.1 Use-specific instructions for use

100 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 5 mL product with the dosing cap and mix it with 95 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.  
[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.2.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift.

The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

Non

#### 4.3 Use description

Use 3 - Use 3 Algae and lichen – professional and non-professional users – spraying – outdoor – thatch roof

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Algaecide
<b>Target organism(s) (including development stage)</b>	<p>Scientific name: Chlorophyta spp.  Common name: Green algae  Development stage:</p> <p>Scientific name: lichens  Common name: Lichens  Development stage:</p>
<b>Field(s) of use</b>	<p>Outdoor</p> <p>Algaecide for use on thatch roof</p>
<b>Application method(s)</b>	<p>Method: Spraying  Detailed description:  Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).</p>
<b>Application rate(s) and frequencies</b>	<p>Application Rate: 500 mL spraying solution/m<sup>2</sup> correspond to 1.99 g a.s. /m<sup>2</sup>.  Dilution (%): 2 Dilution: mix 10 mL product with 490 mL water; 2%(w/w) product in water corresponding to 0.4%(w/w) a.s.  Number and timing of application:</p> <p>Frequency: 1-2 x per year</p> <p>(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)</p>
<b>Category(ies) of users</b>	<p>Professional</p> <p>General public (non-professional)</p>
<b>Pack sizes and packaging material</b>	<p><u>professional and non-professional</u></p> <p>Dosing bottle Ultima 510 mL HDPE</p> <p>L: 100 mm W: 53 mm H: 233 mm 500 mL  Neck diameter: outer 35.3 mm; inner 23 mm Closure for Dosing bottles HDPE child proof</p> <p>Dosing bottle Ultima 1020 mL HDPE</p> <p>L: 121 mm W: 63 mm H: 273 mm 1000 mL  Neck diameter: outer 35.3 mm; inner 23 mm : Closure for Dosing bottles HDPE child proof</p> <p><u>professional</u></p> <p>Jerrycan: type 5 SK 5  (UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)</p>

L: 191 mm;W: 152 mm; H: 290 mm 5 L HDPE  
wall thickness: 0.9 - 1.5 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper  
evidence; Seal: PE foam  
Jerrycan: type 10 SK 4  
(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)  
L: 232 mm W: 192 mm H: 309 mm 10 L HDPE  
wall thickness: 1.2 - 1.8 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper  
evidence; Seal: PE foam

#### 4.3.1 Use-specific instructions for use

500 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 10 mL product with the dosing cap and mix it with 490 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.3.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift.  
The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

#### 4.4 Use description

##### Use 4 - Use 4 Algae – professional and non-professional users – spraying – outdoor – pavement and masonry

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Algaecide
<b>Target organism(s) (including development stage)</b>	Scientific name: Chlorophyta spp. Common name: Green algae Development stage:
<b>Field(s) of use</b>	Outdoor  Algaecide for use on horizontal and vertical structures made of stone, bitumen, terracotta, slate or tiles like e.g. pavement, terraces, walls, facades, gravestones or flower pots.
<b>Application method(s)</b>	Method: Spraying Detailed description: Spraying with low or medium pressure sprayer (commercially available garden sprayer with approx. 3 bar).
<b>Application rate(s) and frequencies</b>	Application Rate: 100 mL spraying solution/m <sup>2</sup> correspond to 2.98 g a.s. /m <sup>2</sup> . Dilution (%): 15 Dilution: mix 15 mL product and 85 mL water; 15%(w/w) product in water corresponding to 3%(w/w) a.s. Number and timing of application:  Frequency: 1-2 x per year (Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)
<b>Category(ies) of users</b>	Professional  General public (non-professional)
<b>Pack sizes and packaging material</b>	professional and non-professional

Dosing bottle Ultima 510 mL HDPE

L: 100 mm W: 53 mm H: 233 mm 500 mL

Neck diameter: outer 35.3 mm; inner 23 mm Closure for Dosing bottles HDPE child proof

Dosing bottle Ultima 1020 mL HDPE

L: 121 mm W: 63 mm H: 273 mm 1000 mL

Neck diameter: outer 35.3 mm; inner 23 mm : Closure for Dosing bottles HDPE child proof

professional

Jerrycan: type 5 SK 5

(UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)

L: 191 mm:W: 152 mm; H: 290 mm 5 L HDPE

wall thickness: 0.9 - 1.5 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

Jerrycan: type 10 SK 4

(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)

L: 232 mm W: 192 mm H: 309 mm 10 L HDPE

wall thickness: 1.2 - 1.8 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

#### 4.4.1 Use-specific instructions for use

100 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 15 mL product with the dosing cap and mix it with 85 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.4.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift. The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

#### 4.5 Use description

##### Use 5 - Use 5 Algae – professional and non-professional users – watering – outdoor - pavement

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Algaecide
<b>Target organism(s) (including development stage)</b>	Scientific name: Andere: Chlorophyta spp. Common name: Green algae Development stage:
<b>Field(s) of use</b>	Outdoor  Algaecide for use on horizontal structures made of stone, bitumen, terracotta, slate, tiles or wood like e.g. pavement or terraces.
<b>Application method(s)</b>	Method: Watering with watering can Detailed description: Watering with watering can with spout with small holes
<b>Application rate(s) and frequencies</b>	Application Rate: 200 mL watering solution/m <sup>2</sup> corresponding to 2.98 g a.s. /m <sup>2</sup> Dilution (%): 7.5 Dilution: mix 15 mL product and 185 mL water 7.5%(w/w) product in water corresponding to 1.5%(w/w) a.s. Number and timing of application:  Frequency: 1-2 x per year (Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)
<b>Category(ies) of users</b>	Professional

**Pack sizes and packaging material**

General public (non-professional)
<p><u>professional and non-professional</u></p> <p>Dosing bottle Ultima 510 mL HDPE L: 100 mm W: 53 mm H: 233 mm 500 mL Neck diameter: outer 35.3 mm; inner 23 mm Closure for Dosing bottles HDPE child proof</p> <p>Dosing bottle Ultima 1020 mL HDPE L: 121 mm W: 63 mm H: 273 mm 1000 mL Neck diameter: outer 35.3 mm; inner 23 mm : Closure for Dosing bottles HDPE child proof</p> <p><u>professional</u></p> <p>Jerrycan: type 5 SK 5 (UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP) L: 191 mm:W: 152 mm; H: 290 mm 5 L HDPE wall thickness: 0.9 - 1.5 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam</p> <p>Jerrycan: type 10 SK 4 (UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP) L: 232 mm W: 192 mm H: 309 mm 10 L HDPE wall thickness: 1.2 - 1.8 mm; Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam</p>

**4.5.1 Use-specific instructions for use**

200 mL application solution are needed per m2 area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 15 mL product with the dosing cap and mix it with 185 mL water directly in a commercially available watering can. Use a spout with small holes.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m².]

**4.5.2 Use-specific risk mitigation measures**



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

none

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

none

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

none

**5. General directions for use of the meta SPC**

**5.1. Instructions for use**

Comply with the instructions for use.

Mix before use by shaking the closed container.

Application is recommended at temperatures >10°C.

Cover area adjacent to the treated objects with an impermeable cover (e.g. plastic foil, 0.5 m width).

Apply the application solution evenly and make sure that the entire area affected by green cover is well wetted.

Remove and dispose the impermeable cover after treatment.

Allow the product to take effect for at least several days.

Green cover dries out after treatment.

Then, if necessary, brush off the dry green cover.

Do not use above or adjacent to surface waters.

Do not treat in rainy weather or on frozen surfaces.

## 5.2. Risk mitigation measures

The area adjacent to the treated surface shall be protected by an impermeable cover (width of 0.5 m) during application of the product.

N-131: Do not apply the product in case rain is expected within 24 hrs.

Do not rinse treated surfaces with water after application.

Areas covered by plants, which may have been exposed unintentionally shall be watered extensively in order to avoid any damage to plants.

Avoid contact with eyes.

Avoid splashes when making a dilution.

N-70, modified: The use of eye protection during handling of the product is mandatory for professional users.

N-315: Keep uninvolved persons, children and pets away from treated surfaces until dried.

Wash hands thoroughly after handling.

*Note to the applicant: The product must be placed on the market with special packaging to minimize risk for eye exposure by splashes. Child-proof closure for smaller packages (500 ml and 1 L) that are purchasable by non-professional users is recommended to be applied.*

*Dosing aids (visible filling level and volume scale) shall be integrated into the packaging for non-professional users.*

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

### First aid instructions:

If medical advice is needed, have product container or label at hand.

**IF SWALLOWED:** Rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call a POISON CENTRE or a doctor.

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

**IF IN EYES:** Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing for 5 minutes. Call a POISON CENTRE or a doctor.

### Personal precautions:

Forms slippery surfaces with water. Carefully clean up spills, since product forms slippery surfaces with water.

### Environmental precautions:

Dilute accidentally spilled residues with plenty of water.

### Methods and material for containment and cleaning up:

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

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

Product residues, contaminated materials (including absorbent material or impermeable cover) and empty containers must be collected and disposed of in accordance with the national waste disposal legislation and any regional and/or local authority requirements.

N-37: Do not discharge the biocidal product nor the diluted solution of the biocidal product into the sewage system or the environment.

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

Store product at ambient temperature only in original container.

N-301: Do not store near food, drink and feed.

Protect from frost. Store locked up.

Keep out of reach of children and non-target animals/pets.

Stability during storage: at least 5 years.

#### 6. Other information

The product contains Propan-2-ol, for which an acceptable exposure concentration of 52.6 ppm for professional user in air was agreed and is applicable for the authorised uses.

Inform the registration holder if the treatment is ineffective.

Note to the applicant meta SPC 1: The products should have child-proof closure.

##### **Bilag 1.1 – Meta-SPC 1 Oplysninger til etiket og brugsanvisning for Nonanoic Acid Algaecides, BPR-reg. nr. 364-73-1-x.**

I. Etiketten skal udformes i overensstemmelse med det godkendte resumé af det biocidholdige produkts egenskaber, jf. artikel 69, stk. 1, i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP-Forordningen .

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69. Etiket og mærkning skal være på dansk.  
Nedstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Oplysninger i citationstegn skal angives ordret:

1) I hovedfeltet:  
"Algemiddel

Må kun anvendes til bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag."

2) I advarselsfeltet:  
"ADVARSEL

Forårsager alvorlig øjenirritation (H319)

"For professionelle: Bær beskyttelsestøj/øjenbeskyttelse/ansigtsbeskyttelse. Bær kemisk resistente beskyttelseshandsker ved brug af produktet.(P280)"

Handskematerialet skal angives af godkendelsesindehaveren i produktdatabladet.

Vask huden grundigt efter brug.

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

**Må kun anvendes til bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag.**

**Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.**

**Må kun anvendes når det er vindstille, for at undgå at sprede produktet til andre områder.**

**Må kun anvendes hvis vejrudsigten ikke viser udsigt til regn et døgn efter behandlingen.**

**Ved påførsel skal jorden og planter nær det behandlede område afdækkes, således at eventuelt spild kan opsamles.**

**Den behandlede overflade må ikke skylles efter behandling.**

**Hold uvedkommende personer, børn og kæledyr væk fra behandlede overflader, indtil de er tørret.**

**Opbevares utilgængeligt for børn.**

**Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer."**

Farepiktogrammet GHS 07

Miljøstyrelsen henleder opmærksomheden på, at godkendelsesindehaver skal anføre oplysninger om førstehjælp, herunder:

"Hvis der er brug for lægehjælp, medbring da beholderen eller etiketten.

VED KONTAKT MED ØJNENE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let.

Fortsæt skylning.

Ved vedvarende øjenirritation: Søg lægehjælp."

3) I deklaraionsfeltet:

a) Teksten "Algemiddel BPR-reg. nr. 364-73-1-x . Aktivstof og biocidholdigt produkt er godkendt efter biocidforordningen (Forordning (EU) nr. 528/2012)".

b) Oplysning om præparattype: "væske" for dette præparat.

c) Indholdet af aktivstof i vægtprocent (% w/w) og g/L ved 20 °C.

d) Sætningen: "Indeholder ammoniumhydroxid"

- e) Udløbsdatoen skal anføres. Denne dato må højst være fem år efter produktionsdatoen. Etikettens dato kan udformes som en hen-visning til en produktionsdato andetsteds på emballagen.  
 f) Batchnummer eller – betegnelse skal anføres.  
 g) Pakningsstørrelse.  
 h) Godkendelsesindehavers navn og adresse.

4) Brugsanvisningen:

Oplysninger om skadevoldere, anvendelsesområde og doseringer.

Følgende retningslinjer gælder i forhold til bortskaffelse.

Der skal mærkes med sikkerhedssætning P501: "Rester og emballage bortskaffes som farligt affald."

Følgende sætning skal anføres under sikkerhedssætning P501: "Ovenstående sætning er Miljøstyrelsens vejledning om affaldshåndtering af dette produkt. Følg altid kommunens affaldsregulativ og forhør dig hos kommunen, hvis du er i tvivl."

## 7. Third information level: individual products in the meta SPC

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

#### Trade name(s)

AlgeFri N Koncentrat	Market area: DK
AlgeFri N Proff	Market area: DK
Flügger Facade Algefjerner	Market area: DK
AlgeFri Koncentrat	Market area: DK
Facade Algefjerner	Market area: DK
<b>Authorisation number</b> (R4BP 3 asset reference number - National Authorisation) DK-0013114-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	20,94

Ammonium hydroxide 25% solution	Ammonium hydroxide 25%	Non-active substance	1336-21-6	215-647-6	7,11
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## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Meta SPC 2

### 1.2. Suffix to the authorisation number

1-2

### 1.3 Product type(s)

PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)

## 2. Meta SPC composition

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	3,1 - 3,45
Propan-2-ol	Isopropanol	Non-active substance	67-63-0	200-661-7	0 - 2

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

Formulation(s)

AL - Any other liquid

### 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Precautionary statements

Keep out of reach of children.

### 4. Authorised use(s) of the meta SPC

#### 4.1 Use description

Use 1 - Use 6 Algae – professional and non-professional users -- spraying – outdoor – various surfaces

Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

Where relevant, an exact description of the authorised use

Algaecide

Target organism(s) (including development stage)

Scientific name: Andere: Chlorophyta spp.  
Common name: Green algae  
Development stage:

Scientific name: Chrysophyceae  
Common name: Yellow Algae  
Development stage:

Scientific name: Lichens  
Common name: Lichens  
Development stage:

Field(s) of use

Outdoor

Ready-to-use algaecide for use on various surfaces made of glass, wood, plastic, metal, stone, bitumen, terracotta or slate, (vertical and horizontal structures) like e.g. pavement, terraces, walls, facades, gravestone, pots, glasshouse, plastic tunnels, sports fields, fences or roof tiles.

Application method(s)

Method: Spraying  
Detailed description:  
Spraying with hand held trigger sprayer.

Application rate(s) and frequencies

Application Rate: Application rate: 2.98 g a.s./m<sup>2</sup>  
Dilution (%): 0 Ready to use-product  
Number and timing of application:

Frequency: 1-2 x per year  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

<b>Category(ies) of users</b>	Professional General public (non-professional)
<b>Pack sizes and packaging material</b>	<p><u>professional and non-professional</u></p> <p>500 mL Container with spray cap 180 x 105 x 45 mm 500 mL HDPE HDPE trigger sprayer child proof</p> <p>1L Container with spray cap 230 x 145 x 45 mm 1 L HDPE HDPE trigger sprayer child proof</p> <p>3L Container with spray cap 220 x 230 x 90 mm 3 L HDPE HDPE trigger sprayer child proof</p>

#### 4.1.1 Use-specific instructions for use

Authorisation holder has to indicate the exact use instructions, e.g.:  
 NEU 1170 H AF 31.02 g/L: Use 90 mL product per m<sup>2</sup> to be treated.  
 NEU 1170 H AF 28.0 g/L: Use 100 mL product per m<sup>2</sup> to be treated.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (use x mL product per m<sup>2</sup> to be treated") The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.1.2 Use-specific risk mitigation measures

none



#### 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

none

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

none

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

none

### 5. General directions for use of the meta SPC

#### 5.1. Instructions for use

Comply with the instructions for use.

Application is recommended at temperatures  $>10^{\circ}\text{C}$ .

100 mL spraying solution are needed per  $\text{m}^2$  area to be treated.

Cover area adjacent to the treated objects with a impermeable cover (e.g. plastic foil, 0.5 m width).

Apply the spraying solution evenly from a distance of approximately 30 cm and make sure that the entire area affected by green cover is well wetted.

Remove and dispose the impermeable cover after treatment.

Allow the product to take effect for at least several days.

Green cover dries out after treatment.

Then, if necessary, brush off the dry green cover.

Do not use above or adjacent to surface waters.

Do not treat in rainy weather or on frozen surfaces.

## 5.2. Risk mitigation measures

The area adjacent to the treated surface shall be protected by an impermeable cover (width of 0.5 m) during application of the product.

N-131: Do not apply the product in case rain is expected within 24 hrs.

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift.

Do not rinse treated surfaces with water after application.

Areas covered by plants, which may have been exposed unintentionally shall be watered extensively in order to avoid any damage to plants.

N-315: Keep uninvolved persons, children and pets away from treated surfaces until dried.

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

### First aid instructions:

If medical advice is needed, have product container or label at hand.

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

**IF INHALED:** 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.

### Personal precautions:

Forms slippery surfaces with water. Carefully clean up spills, since product forms slippery surfaces with water.

### Environmental precautions:

Dilute accidentally spilled residues with plenty of water.

### Methods and material for containment and cleaning up:

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

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

Product residues, contaminated materials (including absorbent material or impermeable cover) and empty containers must be collected and disposed of in accordance with the national waste disposal legislation and any regional and/or local authority requirements.

N-37, modified: Do not discharge the biocidal product nor the application solution of the biocidal product into the sewage system or the environment.

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

Store product at ambient temperature only in original container.

N-301: Do not store near food, drink and feed.

Protect from frost.

Keep out of reach of children and non-target animals/pets.

Stability during storage: at least 2 years.

## 6. Other information

The product contains Propan-2-ol, for which an acceptable exposure concentration of 52.6 ppm for professional user in air was agreed and is applicable for the authorised uses.

Inform the registration holder if the treatment is ineffective.

### Bilag 1.2 – Meta-SPC 2

#### Oplysninger til etiket og brugsanvisning for Nonanoic Acid Algaecides, BPR-reg. nr. 364-73-2-x.

I. Etiketten skal udformes i overensstemmelse med det godkendte resumé af det biocidholdige produkts egenskaber, jf. artikel 69, stk. 1, i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP-Forordningen.

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69. Etiket og mærkning skal være på dansk. Nedenstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Oplysninger i citationstegn skal angives ordret:

1) I hovedfeltet:  
"Algemiddel"

Må kun anvendes til bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag."

2) I advarselsfeltet:  
"FORSIGTIG"

Vask huden grundigt efter brug.

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

**Må kun anvendes til bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag.**

**Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.**

**Må kun anvendes når det er vindstille, for at undgå at sprede produktet til andre områder.**

**Må kun anvendes hvis vejrudsigten ikke viser udsigt til regn et døgn efter behandlingen.**

Ved påførsel skal jorden og planter nær det behandlede område afdækkes, således at eventuelt spild kan opsamles.

Den behandlede overflade må ikke skylles efter behandling.

Hold uvedkommende personer, børn og kæledyr væk fra behandlede overflader, indtil de er tørret.  
Opbevares utilgængeligt for børn.

**Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer.”**

Evt. oplysninger om førstehjælp.

3) I deklarationsfeltet:

a) Teksten "Algemiddel BPR-reg. nr. 364-73-2-x. Aktivstof og biocidholdigt produkt er godkendt efter biocidforordningen (Forordning (EU) nr. 528/2012)".

b) Oplysning om præparattype: "væske" for dette præparat.

c) Indholdet af aktivstof i vægtprocent (% w/w) og g/L ved 20 °C.

d) Sætningen: "Indeholder propan-2-ol"

e) Udløbsdatoen skal anføres. Denne dato må højst være to år efter produktionsdatoen. Etikettens dato kan udformes som en hen-visning til en produktionsdato andetsteds på emballagen.

f) Batchnummer eller – betegnelse skal anføres.

g) Pakningsstørrelse.

h) Godkendelsesindehavers navn og adresse.

4) Brugsanvisningen:

Oplysninger om skadevoldere, anvendelsesområde og doseringer.

Følgende retningslinjer gælder i forhold til bortskaffelse.

Der skal mærkes med sikkerhedssætning P501: "Rester og emballage bortskaffes som farligt affald."

Følgende sætning skal anføres under sikkerhedssætning P501: "Ovenstående sætning er Miljøstyrelsens vejledning om affaldshåndtering af dette produkt. Følg altid kommunens affaldsregulativ og forhør dig hos kommunen, hvis du er i tvivl."

## 7. Third information level: individual products in the meta SPC

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

<b>Trade name(s)</b>	NEU1170H-AF-31.02	Market area: DK
<b>Authorisation number</b> <small>(R4BP 3 asset reference number - National Authorisation)</small>	DK-0013114-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	3,45
Propan-2-ol	Isopropanol	Non-active substance	67-63-0	200-661-7	2

### Trade name(s)

AlgeFri N Klar-til-brug	Market area: DK
AlgeFri Klar-til-brug	Market area: DK
<b>Authorisation number</b>  (R4BP 3 asset reference number - National Authorisation)  DK-0013114-0003 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	3,1
Propan-2-ol	Isopropanol	Non-active substance	67-63-0	200-661-7	2

## 1. Meta SPC administrative information

### 1.1. Meta SPC identifier

Meta SPC 3

### 1.2. Suffix to the authorisation number

1-3

### 1.3 Product type(s)

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

## 2. Meta SPC composition

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	80 - 80

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

Formulation(s)

EC - Emulsifiable concentrate

## 3. Hazard and precautionary statements of the meta SPC

Hazard statements

Causes skin irritation.  
Causes serious eye irritation.  
Harmful to aquatic life with long lasting effects.

Precautionary statements

Wash hands thoroughly after handling.  
Avoid release to the environment.  
Wear protective gloves.  
Wear eye protection.  
Wear face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN:Wash with plenty of soap and water.

If skin irritation occurs:Get medical advice.

If skin irritation occurs:Get medical attention.

If eye irritation persists:Get medical advice.

If eye irritation persists:Get medical attention.

Take off contaminated clothing.

Dispose of contents to local regulations.

Dispose of container to local regulations.

## 4. Authorised use(s) of the meta SPC

### 4.1 Use description

#### Use 1 - Use 7 Algae – professional users – spraying – outdoor – glass, wood, plastic, metal

<b>Product type</b>	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)
<b>Where relevant, an exact description of the authorised use</b>	Algaecide
<b>Target organism(s) (including development stage)</b>	Scientific name: Andere: Chlorophyta spp. Common name: Green algae Development stage:
<b>Field(s) of use</b>	Outdoor  Algaecide for use on various surfaces made of glass, wood, plastic or metal (vertical and horizontal structures) like e.g. glasshouses, plastic tunnels, sports fields, fences or terraces
<b>Application method(s)</b>	Method: Spraying Detailed description: Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).
<b>Application rate(s) and frequencies</b>	Application Rate: 100 mL spraying solution/m <sup>2</sup> corresponding to 0.97 g a.s./m <sup>2</sup> Dilution (%): 1.2 Dilution: mix 1.3 mL product with 98.7 mL water 1.2%(w/w) product in water corresponding to 0.97%(w/w) a.s. Number and timing of application:  Frequency: 1-2 x per year (Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

**Category(ies) of users**

Professional

**Pack sizes and packaging material**

professional

Jerrycan: type 5 SK 5  
(UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)  
L: 191 mm W: 152 mm H: 290 mm 5 L  
HDPE wall thickness: 0.9 - 1.5 mm  
Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

Jerrycan: type 10 SK 4  
(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)  
L: 232 mm W: 192 mm H: 309 mm 10 L  
HDPE wall thickness: 1.2 - 1.8 mm  
Neck diameter: 40 mm  
Screw cap: No. 50 with tamper evidence  
Seal: PE foam

**4.1.1 Use-specific instructions for use**

100 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 1.3 mL product with the dosing cap and mix it with 98.7 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

**4.1.2 Use-specific risk mitigation measures**

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift. The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

**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**

none



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

none

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

none

### 4.2 Use description

#### Use 2 - Use 8 Algae and lichen – professional users – spraying – outdoor – roof tiles

##### Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

##### Where relevant, an exact description of the authorised use

Algaecide

##### Target organism(s) (including development stage)

Scientific name: Andere: Chlorophyta spp.  
Common name: Green algae  
Development stage:

Scientific name: Andere: Chrysophyceae  
Common name: Yellow Algae  
Development stage:

Scientific name: Andere: Lichen  
Common name: Lichen  
Development stage:

##### Field(s) of use

Outdoor

Algaecide for use on roof tiles

##### Application method(s)

Method: Spraying

Detailed description:

Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).

##### Application rate(s) and frequencies

Application Rate: 100 mL spraying solution/m<sup>2</sup> correspond to 0.97 g a.s. /m<sup>2</sup>.  
Dilution (%): 1.2 Dilution: mix 1.3 mL product with 98.7 mL water; 1.2%(w/w) product in water corresponding to 0.97%(w/w) a.s.  
Number and timing of application:

Frequency: 1-2 x per year  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p><u>professional</u></p> <p>Jerrycan: type 5 SK 5 (UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP) L: 191 mm W: 152 mm H: 290 mm 5 L HDPE wall thickness: 0.9 - 1.5 mm Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam</p> <p>Jerrycan: type 10 SK 4 (UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP) L: 232 mm W: 192 mm H: 309 mm 10 L HDPE wall thickness: 1.2 - 1.8 mm Neck diameter: 40 mm Screw cap: No. 50 with tamper evidence Seal: PE foam</p>

#### 4.2.1 Use-specific instructions for use

100 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 1.3 mL product with the dosing cap and mix it with 98.7 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.2.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift. The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

### 4.3 Use description

#### Use 3 - Use 9 Algae and lichen – professional users – spraying – outdoor – thatch roof

##### Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

##### Where relevant, an exact description of the authorised use

Algaecide

##### Target organism(s) (including development stage)

Scientific name: Andere: Chlorophyta spp.  
Common name: Green algae  
Development stage:

Scientific name: Andere: Lichen  
Common name: Lichen  
Development stage:

##### Field(s) of use

Outdoor

Algaecide for use on thatch roof

##### Application method(s)

Method: Spraying  
Detailed description:

Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).

##### Application rate(s) and frequencies

Application Rate: 500 mL spraying solution/m<sup>2</sup> corresponding to 2 g a.s./m<sup>2</sup>  
Dilution (%): 0.5 Dilution: mix 2.7 mL product with 497.3 mL water; 0.5%(w/w) product in water corresponding to 0.4%(w/w) a.s.  
Number and timing of application:

Frequency: 1-2 x per year  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p><u>professional</u></p> <p>Jerrycan: type 5 SK 5 (UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP) L: 191 mm W: 152 mm H: 290 mm 5 L HDPE wall thickness: 0.9 - 1.5 mm Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam</p> <p>Jerrycan: type 10 SK 4 (UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP) L: 232 mm W: 192 mm H: 309 mm 10 L HDPE wall thickness: 1.2 - 1.8 mm Neck diameter: 40 mm Screw cap: No. 50 with tamper evidence Seal: PE foam</p>

#### 4.3.1 Use-specific instructions for use

500 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 2.7 mL product with the dosing cap and mix it with 497.3 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.3.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift.

The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

### 4.4 Use description

#### Use 4 - Use 10 Algae – professional users – spraying – outdoor - pavement and masonry

##### Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

##### Where relevant, an exact description of the authorised use

Algaecide

##### Target organism(s) (including development stage)

Scientific name: Andere: Chlorophyta spp.  
Common name: Green algae  
Development stage:

##### Field(s) of use

Outdoor

Algaecide for use on horizontal and vertical structures made of stone, bitumen, terracotta, slate or tiles like e.g. pavement, terraces, walls, facades, gravestones or flower pots.

##### Application method(s)

Method: Spraying  
Detailed description:

Spraying with low pressure sprayer (commercially available garden sprayer with approx. 3 bar).

##### Application rate(s) and frequencies

Application Rate: 100 mL spraying solution/m<sup>2</sup> corresponding to 2.98 g a.s. /m<sup>2</sup>.  
Dilution (%): 3.7 Dilution: mix 4 mL product with 96 mL water; 3.7%(w/w) product in water corresponding to 2.98%(w/w) a.s.  
Number and timing of application:

Frequency: 1-2 x per year  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

<b>Category(ies) of users</b>	Professional
<b>Pack sizes and packaging material</b>	<p><u>professional</u></p> <p>Jerrycan: type 5 SK 5 (UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP) L: 191 mm W: 152 mm H: 290 mm 5 L HDPE wall thickness: 0.9 - 1.5 mm Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam</p> <p>Jerrycan: type 10 SK 4 (UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP) L: 232 mm W: 192 mm H: 309 mm 10 L HDPE wall thickness: 1.2 - 1.8 mm Neck diameter: 40 mm Screw cap: No. 50 with tamper evidence Seal: PE foam</p>

#### 4.4.1 Use-specific instructions for use

100 mL spraying solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 4 mL product with the dosing cap and mix it with 96 mL water directly in the reservoir of a commercially available garden sprayer (approx. 3 bar). Shake before application.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

#### 4.4.2 Use-specific risk mitigation measures

N-30, modified: Do not apply the product when there is wind, in order to avoid transfer to other areas by drift. The equipment to be used for spraying must be a handheld manually operated low pressure (3 bar or below) device.

#### 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

none

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

none

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

none

### 4.5 Use description

#### Use 5 - Use 11 Algae – professional users - watering – outdoor - pavement

##### Product type

PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

##### Where relevant, an exact description of the authorised use

Algaecide

##### Target organism(s) (including development stage)

Scientific name: Andere: Chlorophyta spp.  
Common name: Green algae  
Development stage:

##### Field(s) of use

Outdoor

Algaecide for use on horizontal structures made of stone, bitumen, terracotta, slate, tiles or wood like e.g. pavement, terraces etc

##### Application method(s)

Method: Watering with watering can  
Detailed description:  
Watering with watering can with spout with small holes

##### Application rate(s) and frequencies

Application Rate: 200 mL watering solution/m<sup>2</sup> corresponding to 2.98 g a.s./m<sup>2</sup>.  
Dilution (%): 1.86 Dilution: mix 4 mL product with 196 mL water; 1.86%(w/w) product in water corresponding to 1.48%(w/w) a.s.  
Number and timing of application:  
  
Frequency: 1-2 x per year  
(Use once. If re-infestation is detected, the application may be repeated, but do not apply more than two times per year.)

##### Category(ies) of users

Professional

## Pack sizes and packaging material

professional

Jerrycan: type 5 SK 5  
(UN no. UN 3 H 1 / Y1.9 / 200 / D / BAM 6186 PP)  
L: 191 mm W: 152 mm H: 290 mm 5 L  
HDPE wall thickness: 0.9 - 1.5 mm  
Neck diameter: 40 mm; Screw cap: No. 50 with tamper evidence; Seal: PE foam

Jerrycan: type 10 SK 4  
(UN no. UN 3 H 1 / Y1.6 / 175 / D / BAM 8889 PP)  
L: 232 mm W: 192 mm H: 309 mm 10 L  
HDPE wall thickness: 1.2 - 1.8 mm  
Neck diameter: 40 mm  
Screw cap: No. 50 with tamper evidence  
Seal: PE foam

### 4.5.1 Use-specific instructions for use

200 mL application solution are needed per m<sup>2</sup> area to be treated. Estimate the area to be treated. Per square metre to be treated, measure 4 mL product with the dosing cap and mix it with 196 mL water directly in a commercially available watering can. Use a spout with small holes.

[Concerning products that will be notified within the BPF, authorisation holder has to indicated the exact use instructions (measure x mL product with the dosing cap and mix it with y mL water...) The instructions shall comply with the application rate expressed in g a.s./m<sup>2</sup>.]

### 4.5.2 Use-specific risk mitigation measures

N-141, modified: Do not use where release to surface water cannot be prevented.

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



none

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

none

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

none

### **5. General directions for use of the meta SPC**

#### **5.1. Instructions for use**

Comply with the instructions for use.

Application is recommended at temperatures >10°C.

Cover area adjacent to the treated objects with a impermeable cover (e.g. plastic foil, 0.5 m width).

Apply the spraying solution evenly and make sure that the entire area affected by green cover is well wetted.

Remove and dispose the impermeable cover after treatment.

Allow the product to take effect for at least several days.

Green cover dries out after treatment.

Then, if necessary, brush off the dry green cover.

Do not use above or adjacent to surface waters.

Do not treat in rainy weather or on frozen surfaces.

#### **5.2. Risk mitigation measures**

The area adjacent to the treated surface shall be protected by an impermeable cover (width of 0.5 m) during application of the product.

N-131: Do not apply the product in case rain is expected within 24 hrs.

Do not rinse treated surfaces with water after application.

Areas covered by plants, which may have been exposed unintentionally shall be watered extensively in order to avoid any damage to plants.

N-70, modified: The use of a coverall, eye and face protection during handling of the product is mandatory.

N-79: Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).

Avoid contact with skin and eyes.

Avoid splashes when making a dilution.

N-315: Keep uninvolved persons, children and pets away from treated surfaces until dried.

Wash hands thoroughly after handling.

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

#### First aid instructions:

IF SWALLOWED: Rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call a POISON CENTRE or a doctor.

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

IF ON SKIN: Take off all contaminated clothing and wash it before reuse. Wash skin with water. If skin irritation occurs: Get medical advice.

IF IN EYES: Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing for 5 minutes. Call a POISON CENTRE or a doctor.

#### Environmental precautions:

Dilute accidentally spilled residues with plenty of water.

#### Methods and material for containment and cleaning up:

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

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

Product residues, contaminated materials (including liquid-binding material or impermeable cover) and empty containers must be collected and disposed of in accordance with the national waste disposal legislation and any regional and/or local authority requirements.

N-37, modified: Do not discharge the biocidal product nor the application solution of the biocidal product into the sewage system or the environment.

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

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

Store product at ambient temperature only in original container.

N-301: Do not store near food, drink and feed.

Protect from frost.

Stability during storage: at least 2 years.

## 6. Other information

The product contains Propan-2-ol, for which an acceptable exposure concentration of 52.6 ppm for professional user in air was agreed and is applicable for the authorised uses.

Inform the registration holder if the treatment is ineffective.

### **Bilag 1.3 – Meta-SPC 3Oplysninger til etiket og brugsanvisning for Nonanoic Acid Algaecides, BPR-reg. nr. 364-73-3-x.**

I. Etiketten skal udformes i overensstemmelse med det godkendte resumé af det biocidholdige produkts egenskaber, jf. artikel 69, stk. 1, i biocidforordningen (Forordning (EU) nr. 528/2012), og CLP-Forordningen.

II. Det er udelukkende ansøgers/godkendelsesindehaverens ansvar, at etiket, mærkning og pakning lever op til lovens krav, jf. biocidforordningen artikel 69. Etiket og mærkning skal være på dansk.  
Nedstående tekst i afsnit III er bidrag til overholdelsen af reglerne og således kun en del af de krav, som stilles til blandt andet etiketten.

III. Etiketten skal indeholde nedenstående oplysninger. Op-lys-ninger i citationstegn skal angives ordret:

1) I hovedfeltet:  
"Algemiddel

Må kun anvendes til professionel bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag."

2) I advarselsfeltet:  
"ADVARSEL

Forårsager hudirritation (H315)

Forårsager alvorlig øjenirritation (H319)

Skadelig for vandlevende organismer, med langvarige virkninger (H412)"

"Bær øjenbeskyttelse.

Bær kemisk resistente beskyttelseshandsker ved brug af produktet."

Handskematerialet skal angives af godkendelsesindehaveren i produktdatabladet.

"Vask huden grundigt efter brug.

Undgå udledning til miljøet."

Overtrædelse af nedenstående særligt fremhævede forskrifter kan medføre straf:

**Må kun anvendes til professionel bekæmpelse af grønalger, gulalger og lav udendørs på bygningsmaterialer, hårde overflader og alle tagoverflader inkl. stråtag.**

**Må ikke anvendes mod andre skadevoldere og ikke i højere doseringer end de i brugsanvisningen nævnte.**

**Må kun anvendes når det er vindstille, for at undgå at sprede produktet til andre områder.**

**Må kun anvendes hvis vejrudsigten ikke viser udsigt til regn et døgn efter behandlingen.**

**Ved påførsel skal jorden og planter nær det behandlede område afdækkes, således at eventuelt spild kan opsamles. Den behandlede overflade må ikke skylles efter behandling.**

**Hold uvedkommende personer, børn og kæledyr væk fra behandlede overflader, indtil de er tørret. Må ikke tømmes i kloak afløb.**

**Opbevares utilgængeligt for børn.**

**Beskyttelse af øjne, ansigt og krop er obligatorisk i forbindelse med håndtering af produktet.**

**Må ikke opbevares sammen med fødevarer, drikkevarer og foderstoffer.”**

Farepiktogrammet GHS07

Miljøstyrelsen henleder opmærksomheden på, at godkendelsesindehaver skal anføre oplysninger om førstehjælp, herunder:

Hvis der er brug for lægehjælp, medbring da beholderen eller etiketten.

VED KONTAKT MED ØJNENE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let.

Fortsæt skylning. Ved vedvarende øjenirritation: Søg lægehjælp.

VED KONTAKT MED HUDEN: Vask med rigeligt vand

Alt tilsmudset tøj tages af og vaskes inden genanvendelse.

3) I deklarationsfeltet:

a) Teksten "Algemiddel BPR-reg. nr. 364-73-3-x. Aktivstof og biocidholdigt produkt er godkendt efter biocidforordningen (Forordning (EU) nr. 528/2012)".

b) Oplysning om præparattype: "væske" for dette præparat.

c) Indholdet af aktivstof i vægtprocent (% w/w) og g/L ved 20 °C.

d) Udløbsdatoen skal anføres. Denne dato må højst være to år efter produktionsdatoen. Etikettens dato kan udformes som en hen-visning til en produktionsdato andetsteds på emballagen.

e) Batchnummer eller – betegnelse skal anføres.

f) Pakningsstørrelse.

g) Godkendelsesindehavers navn og adresse.

4) Brugsanvisningen:

Oplysninger om skadevoldere, anvendelsesområde og doseringer.

Følgende retningslinjer gælder i forhold til bortskaffelse.

Der skal mærkes med sikkerhedssætning P501: "Rester og emballage bortskaffes som farligt affald."

Følgende sætning skal anføres under sikkerhedssætning P501: "Ovenstående sætning er Miljøstyrelsens vejledning om affaldshåndtering af dette produkt. Følg altid kommunens affaldsregulativ og forhør dig hos kommunen, hvis du er i tvivl."

## 7. Third information level: individual products in the meta SPC

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

**Trade name(s)**

RapidGO

Market area: DK

**Authorisation number**

(R4BP 3 asset reference number - National Authorisation)

DK-0013114-0004 1-3

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Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Nonanoic acid, Pelargonic acid	Nonanoic acid	Active Substance	112-05-0	203-931-2	80

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