

Summary of product characteristics for a biocidal product family

Family name: AquaNet Premium Product Family

Product type(s): PT21 - Antifouling products (Other biocidal products)

Authorisation number: NO-2022-0223

R4BP 3 asset reference number: NO-0018812-0000

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Part I.- First information level

1. Administrative information

1.1. Family name

AquaNet Premium Product Family

1.2. Product type(s)

PT21 - Antifouling products (Other biocidal products)

1.3. Authorisation holder

Name and address of the authorisation holder

Name	Steen-Hansen AS
Address	Ulsmågveien 24 5224 Nesttun Norway

Authorisation number

NO-2022-0223

R4BP 3 asset reference number

NO-0018812-0000

Date of the authorisation

08/02/2022

Expiry date of the authorisation

08/02/2032

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

Steen-Hansen A/S

Address of the manufacturer

Ulsmågveien 24 NO-5224 Nesttun Norway

Location of manufacturing sites

Ulsmågveien 24 NO-5224 Nesttun Norway

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

Active substance	1289 - Dicopper oxide
Name of the manufacturer	Spiess-Urania Chemicals GmbH
Address of the manufacturer	Frankenstrasse 18 b 20097 Hamburg Germany
Location of manufacturing sites	c/o Aurubis AG, Muggenburger Hauptdeich 2 20539 Hamburg Germany
Active substance	1403 - Tralopyril
Name of the manufacturer	Janssen Pharmaceutica NV
Address of the manufacturer	Turnhoutseweg 30 B-2340 Beerse Belgium
Location of manufacturing sites	Turnhoutseweg 30 B-2340 Beerse Belgium

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 (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	10 - 21,95
Tralopyril		Active Substance	122454-29-9		1,98 - 2

2.2. Type(s) of formulation

SD - Suspension concentrate for direct application

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

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta SPC 1

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT21 - Antifouling products (Other biocidal products)

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 (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	10 - 10
Tralopyril		Active Substance	122454-29-9		2 - 2

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

Formulation(s)

SD - Suspension concentrate for direct application

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Harmful if swallowed. Harmful if inhaled.

Causes serious eye damage.

May cause damage to organs through prolonged or repeated exposure .

Precautionary statements

Very toxic to aquatic life with long lasting effects. May be corrosive to metals.
Do not breathe mist. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Call a if you feel unwell. Dispose of contents to in accordance to national regulations. Keep only in original packaging. Do not breathe dust. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell. Rinse mouth. Absorb spillage to prevent material damage. Collect spillage. Immediately call a POISON CENTER.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Antifouling coating

Product type

PT21 - Antifouling products (Other biocidal products)

Where relevant, an exact description of the authorised use

For use as an antifouling treatment for nets used in aquaculture

Target organism(s) (including development stage)

Scientific name:
Common name: Marine fouling species including algae, hydroids and skeleton shrimp
Development stage: All stages of the lifecycle

Field(s) of use

Application method(s)	Indoor Outdoor
	Method: Open system: dip treatment Detailed description: Nets to be treated are dipped into the product Method: Vacuum treatment Detailed description: Nets are to be treated with vacuum impregnation
Application rate(s) and frequencies	Application Rate: 1-1.2 L of product/kg of net Dilution (%): - Number and timing of application: 1 treatment per net Application Rate: 1-1.2 L of product/kg of net Dilution (%): - Number and timing of application: 1 treatment per net
Category(ies) of users	Industrial
Pack sizes and packaging material	1000 L HDPE IBC

4.1.1 Use-specific instructions for use

The product must be stirred carefully before use. Dry nets must be soaked in the impregnation product for a minimum of 30 minutes before being hung up to allow excess product to run off / dry. The product must be completely dry before the nets are used at sea or stored.

Density and viscosity must be measured prior to dipping, the measured values must be within the technical specification for the individual products. – Density and viscosity must be measured to ensure that the product is homogeneous prior to dipping. Please follow the manufacturer's directions for how to measure density and viscosity.

Used nets must be thoroughly cleaned prior to re-treatment.

Consumption: Approx. 1.0-1.2 litres product to 1.0 kg dry net (depending on filament type). Drying time: 10-24 hours depending on drying conditions.

Treated nets may be stored for longer periods

Dipping of nets:

Lower the net in the dipping tank using remotely operated net rollers and dip the net in the product for about 30 minutes whilst it is

being held down by a weight attached to a crane.
Ensure the net to be treated is completely wetted with the product.
After treatment, remove the weight, roll back the net onto the roller and leave to dry by injecting dried air into the net rolls.

Vacuum treatment:

The lid of the net-bag is opened, and the net lowered into the vacuum bag using a remotely operated net rollers or a crane. Transport a specified amount of product from the vacuum-tank to the vacuum-bag, through the lid on the top. Start the program of "vacuuming the bag" so that the product enters through the net to be treated. Regardless of the size of the vacuum-bag, lowest pressure >0.8 bar. To ensure that the net to be treated is completely wetted with the product, run x number of cycles (≤ 4). Set on the program of "drying" so that the rest of the product left in the bag is transported back to the tank, through the bottom of the vacuum-bag. After finishing treatment, open the lid and lift the net off the bag using a crane or remote-controlled net rollers to the next process (drying-process).

Lowest pressure during vacuum cycles: 0.8 bar
Max amount of application cycles: 4
Max amount of drying cycles: 4
Avoid pushing paint above the vacuum bag
Allow leftover paint to reset for 2-3 days before re-use

4.1.2 Use-specific risk mitigation measures

(See section 5.2)

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 section 5.3)

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

Hazardous waste due to toxicity. Avoid release to the environment. Waste disposal number of unused product: UN number 3082/European waste code EWC02 01 99.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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

Shelf life 6 months. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight.
Storage temperature: 5 to 35 °C

Incompatible materials: None to our knowledge.

5. General directions for use of the meta SPC

5.1. Instructions for use

The product must be stirred carefully before use. Dry nets must be soaked in the impregnation product for a minimum of 30 minutes before being hung up to allow excess product to run off / dry. The product must be completely dry before the nets are used at sea or stored.

Used nets must be thoroughly cleaned prior to re-treatment.
Consumption: Approx. 1.0-1.2 litres product to 1.0 kg dry net (depending on filament type). Drying time: 10-24 hours depending on drying conditions.
Treated nets may be stored for longer periods

5.2. Risk mitigation measures

For industrial use only.
Use in a well-ventilated area.
Avoid breathing dust/mist.
Avoid contact with skin and eyes
Avoid release to the environment.

- Wear suitable gloves; i.e. Nitrile rubber gloves or natural rubber gloves (EN 374).
- A protective coverall (at least type 6, EN-13034) shall be worn (coverall material to be specified by the authorisation holder within the product information).
- Use eye protection to EN 166, designed to protect against liquid splashes.

Application, maintenance and repair activities shall be conducted within a contained area to prevent losses and minimise emissions to the environment. This means that activities must take place on impermeable hard standing with bunding or on soil covered with an impermeable material. Any losses or waste containing antifouling biocides shall be collected for reuse or disposal.

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

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

Information to Healthcare personnel/doctor: Initiate life support measures if needed, thereafter call a POISON CENTRE

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.

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

Avoid release to the environment.

Emergency measures for the environment:

- Discharging into rivers and drains is forbidden.
- Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up:

- Take up liquid spill into absorbent material and dispose of materials or solid residues at an authorized site.

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

Hazardous waste due to toxicity. Avoid release to the environment. Waste disposal number of unused product: UN number 3082/European waste code EWCO2 01 99.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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

Shelf life: 6 months
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight.
Storage temperature: 5 to 35 °C Incompatible materials: None to our knowledge.

6. Other information

The label of the biocidal product must provide advice on how to perform the deployment of the treated nets. As a minimum, the label must specify that suitable chemical protective gloves and eye protection (goggles) should be used during net deployment. Other PPE should be specified according to the authorisation holder's recommendations, including those needed based on the performed risk assessment.

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)

AquaNet Premium

Market area: NO

Authorisation number

NO-0018812-0001 1-1

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	10
Tralopyril		Active Substance	122454-29-9		2

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)

PT21 - Antifouling products (Other biocidal products)

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 (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	21,95 - 21,95
Tralopyril		Active Substance	122454-29-9		1,98 - 1,98

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

Formulation(s)

SD - Suspension concentrate for direct application

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Harmful if swallowed. Harmful if inhaled.
Causes serious eye damage.
Causes damage to organs through prolonged or repeated exposure .

Precautionary statements

Very toxic to aquatic life with long lasting effects.

May be corrosive to metals.

Do not breathe mist.

Use only outdoors or in a well-ventilated area.

Avoid release to the environment.

Wear eye/face protection.

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

Call a Poison Centre/Doctor if you feel unwell.

Dispose of contents to in accordance to national regulations.

Keep only in original packaging.

Do not breathe dust.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a POISON CENTER.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

Absorb spillage to prevent material damage.

Collect spillage.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Antifouling coating

Product type

PT21 - Antifouling products (Other biocidal products)

Where relevant, an exact description of the authorised use

For use as an antifouling treatment for nets used in aquaculture

Target organism(s) (including development stage)

Scientific name:
Common name: Marine fouling species including algae, hydroids and skeleton shrimp
Development stage: All stages of the lifecycle

Field(s) of use

	<p>Indoor</p> <p>Outdoor</p>
Application method(s)	<p>Method: Open system: dip treatment Detailed description: Nets to be treated are dipped into the product</p> <p>Method: Vacuum treatment Detailed description: Vacuum treatment of aquaculture nets</p>
Application rate(s) and frequencies	<p>Application Rate: 1-1.2 L of product/kg of net Dilution (%): Number and timing of application: 1 treatment per net</p> <p>Application Rate: 1-1.2 L of product/kg of net Dilution (%): Number and timing of application: 1 treatment per net</p>
Category(ies) of users	<p>Industrial</p>
Pack sizes and packaging material	<p>1000 L HDPE IBC</p>

4.1.1 Use-specific instructions for use

The product must be stirred carefully before use. Dry nets must be soaked in the impregnation product for a minimum of 30 minutes before being hung up to allow excess product to run off / dry. The product must be completely dry before the nets are used at sea or stored.

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Used nets must be thoroughly cleaned prior to re-treatment.
Consumption: Approx. 1.0-1.2 litres product to 1.0 kg dry net (depending on filament type). Drying time: 10-24 hours depending on drying conditions.
Treated nets may be stored for longer periods

Dipping of nets:
Lower the net in the dipping tank using remotely operated net rollers and dip the net in the product for about 30 minutes whilst it is being held down by a weight attached to a crane.

Ensure the net to be treated is completely wetted with the product.
After treatment, remove the weight, roll back the net onto the roller and leave to dry by injecting dried air into the net rolls.

Vacuum treatment:

The lid of the net-bag is opened, and the net lowered into the vacuum bag using a remotely operated net rollers or a crane. Transport a specified amount of product from the vacuum-tank to the vacuum-bag, through the lid on the top. Start the program of "vacuuming the bag" so that the product enters through the net to be treated. Regardless of the size of the vacuum-bag, lowest pressure >0.8 bar. To ensure that the net to be treated is completely wetted with the product, run x number of cycles (≤4). Set on the program of "drying" so that the rest of the product left in the bag is transported back to the tank, through the bottom of the vacuum-bag. After finishing treatment, open the lid and lift the net off the bag using a crane or remote-controlled net rollers to the next process (drying-process).

Lowest pressure during vacuum cycles: 0.8 bar
Max amount of application cycles: 4
Max amount of drying cycles: 4
Avoid pushing paint above the vacuum bag
Allow leftover paint to reset for 2-3 days before re-use

4.1.2 Use-specific risk mitigation measures

(See section 5.2)

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 section 5.3)

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

Hazardous waste due to toxicity. Avoid release to the environment. Waste disposal number of unused product: UN number 3082/European waste code EWC02 01 99.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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

Shelf life 6 months.
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight.
Storage temperature: 5 to 35 °C

Incompatible materials: None to our knowledge.

5. General directions for use of the meta SPC

5.1. Instructions for use

The product must be stirred carefully before use. Dry nets must be soaked in the impregnation product for a minimum of 30 minutes before being hung up to allow excess product to run off / dry. The product must be completely dry before the nets are used at sea or stored.

Used nets must be thoroughly cleaned prior to re-treatment.

Consumption: Approx. 1.0-1.2 litres product to 1.0 kg dry net (depending on filament type). Drying time: 10-24 hours depending on drying conditions.

Treated nets may be stored for longer periods

5.2. Risk mitigation measures

For industrial use only.

Use in a well-ventilated area.

Avoid breathing dust/mist.

Avoid contact with skin and eyes

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

- Wear suitable gloves; i.e. Nitrile rubber gloves or natural rubber gloves (EN 374).
- A double coverall, a chemically resistant (at least type 3, EN-14605) coverall which is impermeable for the biocidal product (coverall material to be specified by the authorisation holder within the product information) shall be worn with at least a long-sleeve, long-leg cotton coverall underneath.
- Use eye protection to EN 166, designed to protect against liquid splashes.

Application, maintenance and repair activities shall be conducted within a contained area to prevent losses and minimise emissions to the environment. This means that activities must take place on impermeable hard standing with bunding or on soil covered with an impermeable material. Any losses or waste containing antifouling biocides shall be collected for reuse or disposal.

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

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.

Information to Healthcare personnel/doctor:

Initiate life support measures if needed, thereafter call a POISON CENTRE

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.

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.

Avoid release to the environment.

Emergency measures for the environment:

- Discharging into rivers and drains is forbidden.
- Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up:

- Take up liquid spill into absorbent material and dispose of materials or solid residues at an authorized site.

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

Hazardous waste due to toxicity. Avoid release to the environment. Waste disposal number of unused product: UN number 3082/European waste code EWC02 01 99.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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

Shelf life: 6 months
Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight.
Storage temperature: 5 to 35 °C
Incompatible materials: None to our knowledge.

6. Other information

The label of the biocidal product must provide advice on how to perform the deployment of the treated nets. As a minimum, the label must specify that suitable chemical protective gloves and eye protection (goggles) should be used during net deployment. Other PPE should be specified according to the authorisation holder's recommendations, including those needed based on the performed risk assessment.

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)	AquaNet Boost	Market area: NO
Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small>	NO-0018812-0002 1-2	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Dicopper oxide		Active Substance	1317-39-1	215-270-7	21,95
Tralopyril		Active Substance	122454-29-9		1,98