

Summary of product characteristics for a biocidal product family

Family name: Soell Algaecide Product Family 1

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

Authorisation number: UK-2018-1140

R4BP 3 asset reference number: UK-0019343-0000

Table Of Contents

Part I.- First information level	1
1. Administrative information	1
1.1. Family name	1
1.2. Product type(s)	1
1.3. Authorisation holder	1
1.4. Manufacturer(s) of the biocidal products	1
1.5. Manufacturer(s) of the active substance(s)	2
2. Product family composition and formulation	2
2.1. Qualitative and quantitative information on the composition of the family	2
2.2. Type of formulation	2
Part II.- Second information level - meta SPC(s)	3
1. Meta SPC administrative information	3
1.1. Meta SPC identifier - Meta SPC 1	3
1.2. Suffix to the authorisation number	3
1.3 Product type(s)	3
2. Meta SPC composition	3
2.1. Qualitative and quantitative information on the composition of the meta SPC	3
2.2. Type(s) of formulation of the meta SPC	4
3. Hazard and precautionary statements of the meta SPC	4
4. Authorised use(s) of the meta SPC	4
4.1.1 Use-specific instructions for use	5
4.1.2 Use-specific risk mitigation measures	5
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	6
4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	6
4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	6
4.2.1 Use-specific instructions for use	8
4.2.2 Use-specific risk mitigation measures	8

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	8
4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	9
4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	9
4.3.1 Use-specific instructions for use	10
4.3.2 Use-specific risk mitigation measures	10
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	11
4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	11
4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	11
4.4.1 Use-specific instructions for use	12
4.4.2 Use-specific risk mitigation measures	12
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	12
4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	13
4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	13
5. General directions for use of the meta SPC	13
5.1. Instructions for use	13
5.2. Risk mitigation measures	13
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	13
5.4. Instructions for safe disposal of the product and its packaging	14
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	14
6. Other information	14
7. Third information level: individual products in the meta SPC	14
7.1 Trade name(s), authorisation number and specific composition of each individual product	14
1. Meta SPC administrative information	20
1.1. Meta SPC identifier - Meta SPC 2	20
1.2. Suffix to the authorisation number	20
1.3 Product type(s)	20
2. Meta SPC composition	20
2.1. Qualitative and quantitative information on the composition of the meta SPC	20
2.2. Type(s) of formulation of the meta SPC	21

3. Hazard and precautionary statements of the meta SPC	21
4. Authorised use(s) of the meta SPC	21
4.1.1 Use-specific instructions for use	22
4.1.2 Use-specific risk mitigation measures	22
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	23
4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging	23
4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage	23
5. General directions for use of the meta SPC	23
5.1. Instructions for use	23
5.2. Risk mitigation measures	23
5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment	23
5.4. Instructions for safe disposal of the product and its packaging	24
5.5. Conditions of storage and shelf-life of the product under normal conditions of storage	24
6. Other information	24
7. Third information level: individual products in the meta SPC	24
7.1 Trade name(s), authorisation number and specific composition of each individual product	24

Part I.- First information level

1. Administrative information

1.1. Family name

Soell Algaecide Product Family 1

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	Soell GmbH
Address	Fuhrmannstraße 6 95030 Hof Germany
Authorisation number	UK-2018-1140
R4BP 3 asset reference number	UK-0019343-0000
Date of the authorisation	27/07/2018
Expiry date of the authorisation	29/06/2028

Authorisation number

R4BP 3 asset reference number

Date of the authorisation

Expiry date of the authorisation

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

Address of the manufacturer

Location of manufacturing sites

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

Active substance	1276 - Copper sulphate pentahydrate
Name of the manufacturer	Manica S.P.A
Address of the manufacturer	Via all'Adige 4 IT-38068 ROVERETO (Trento) Italy
Location of manufacturing sites	Via all'Adige 4 IT-38068 ROVERETO (Trento) Italy

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 (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28 - 0.95
Water	Water		7732-18-5	231-791-2	98.88982 - 99.57
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15 - 0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0 - 0.099
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate		547-58-0	208-925-3	0 - 0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0 - 0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt		20262-76-4	243-654-4	0 - 0.0005
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate		64-02-8	200-573-9	0 - 0.01

2.2. Type(s) of formulation

SL - Soluble concentrate

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)

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 (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95 - 0.95
Water	Water		7732-18-5	231-791-2	98.88982 - 99.57
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15 - 0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0 - 0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate		547-58-0	208-925-3	0 - 0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0 - 0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt		20262-76-4	243-654-4	0 - 0

Trilon B Powder	Tetrasodiummethylenediamine tetraacetate	64-02-8	200-573-9	0 - 0.01
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2.2. Type(s) of formulation of the meta SPC

Formulation(s)

SL - Soluble concentrate

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Toxic to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children.
 Avoid release to the environment.
 IF SWALLOWED: Call a POISON CENTER if you feel unwell.
 Collect spillage.
 Dispose of contents to in accordance with national regulations.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Artificial Ponds (Non-professional use)

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

Growth inhibition of algae in artificial ponds.
 Ponds are artificial, man-made ponds with medium depth and without forming a stable temperature stratification. Depending on the making, an inlet and outlet can exist, usually as an artificial brook or in the shape of an artificial watercourse. The sealing to the substrate is usually made by foils, sometimes by concrete or glass-fibre constructions.

Target organism(s) (including development stage)

Cyanobacteria-Blue-green algae-
 unicellular green algae-

Field(s) of use	Outdoor Outdoors Artificial ponds
Application method(s)	Manual application - Dilution by pouring into water
Application rate(s) and frequencies	See number and timing of applicaitons below. - See number and timing of applicaitons below. - Unicellular green algae: Min: 50ml/1000L water (0.005%) Max: 60ml/1000L water (0.006%) One application on one day Repetition: After 2 or 3 weeks if necessary Blue-green algae: Min: 3.9ml/1000L (0.00039%) Max: 25ml/1000L (0.0025%) One application per day on 5 successive days Repetition: Repeat the same treatment after 2 or 3 weeks if necessary
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bottle (HDPE, PET): 250ml, 500ml, 1L Canister (HDPE, PE): 2,5L, 3L, 5L, 10L Closure (bottle, canister): PP

4.1.1 Use-specific instructions for use

Use only when assessment of algae infestation and pond parameters indicate, that all non-chemical algae control measures, e.g. (partial) water exchange, mechanical algae removal and regular filter cleaning are not sufficient to give effective algae control. The product has to be distributed equally in the whole pond (e.g. by diluting the required amount of product with pond water in a watering can prior to application).
To control growth of algae, add a single dose of 50 - 60 ml product per 1000 L pond water. To specifically control growth of green algae, add a single dose of 50 - 60 ml product per 1000 L pond water. To specifically control growth of blue-green algae (cyanobacteria), add 3.9 – 25 ml product per 1000 L pond water per day on five successive days. If repetition is required after 2-3 weeks the same treatment should be followed for either green algae or blue-green algae (cyanobacteria).

4.1.2 Use-specific risk mitigation measures

Keep out of reach of children.

Animals from treated water shall not be consumed.

The product can be toxic to certain fish species and invertebrates.

No preventive use of the biocidal product.

Release of treated water to surface waters is not permitted.

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

See General Directions for use

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

See General Directions for use

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

See General Directions for use

4.2 Use description

Use 2 - Artificial Ponds (professional use)

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

Growth inhibition of algae in artificial ponds.
Ponds are artificial, man-made ponds with medium depth and without forming a stable temperature stratification. Depending on the making, an inlet and outlet can exist, usually as an artificial brook or in the shape of an artificial watercourse. The sealing to the substrate is usually made by foils, sometimes by concrete or glass-fibre constructions.

Target organism(s) (including development stage)

Cyanobacteria-Blue-green algae-
unicellular green algae-

Field(s) of use

Outdoor
Outdoors
Artificial ponds

Application method(s)

Manual application -
Dilution by pouring into water

Application rate(s) and frequencies

See number and timing of applicaitons below. - See number and timing of applicaitons below. -

Unicellular green algae:
50ml/1000L water (0.005%)
One application on one day
Repetition: After 2 weeks if necessary

Blue-green algae:
Min: 3.9ml/1000L (0.00039%)
Max: 10ml/1000L (0.001%)
One application per day on 5 successive days
Repetition: Repeat the same treatment after 2 weeks if necessary

Category(ies) of users

Professional

Pack sizes and packaging material

Bottle (HDPE): 1L

Canister (HDPE, PE): 5L, 10L

Drum (HDPE): 50L, 100L

Cap (bottles, canisters): PP

Lid (drums): PE

4.2.1 Use-specific instructions for use

Use only when assessment of algae infestation and pond parameters indicate, that all non-chemical algae control measures, e.g. (partial) water exchange, mechanical algae removal and regular filter cleaning are unsuitable to give sufficient algae control. The product has to be distributed equally in the whole pond (e.g. by diluting the required amount of product with pond water in a watering can prior to application).
To control growth of green algae, add a single dose of 50 ml product per 1000 L pond water. To control growth of blue-green algae (cyanobacteria), add 3.9 – 10 ml product per 1000 L pond water per day on five successive days. If repetition is required after 2 weeks the same treatment should be followed for either green algae or blue-green algae (cyanobacteria).

4.2.2 Use-specific risk mitigation measures

Animals from treated water shall not be consumed.

The product can be toxic to certain fish species and invertebrates.

No preventive use of the biocidal product.

Release of treated water to surface waters is not permitted.

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

See General Directions for Use

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

See General Directions for Use

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

See General Directions for Use

4.3 Use description

Use 3 - Artificial Fountain

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

Growth inhibition of algae in artificial fountains.

Target organism(s) (including development stage)

Cyanobacteria-blue-gree algae-
Keine Angaben-unicellular green algae-

Field(s) of use

Indoor
Outdoor
artificial fountains

Application method(s)

Manual application -
Dilution by pouring into water

Application rate(s) and frequencies

See number and timing of application below. - See number and timing of application below. -
Unicellular green algae:
Min: 82ml/1000L water (0.0082%)
Max400ml/ 100L (0.4%)
One application on one day

Repetition: Weekly or every 2 weeks, if necessary, or on demand

Blue-green algae:

Min.: 39ml/1000L (0.0039%)

Max.: 400 ml/100 L (0.4%)

One application on one day

Repetition: Weekly or every 2 weeks, if necessary, or on demand

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

Bottle (HDPE): 500ml, 1L
Canister (PE): 2,5L, 5L
Cap (bottles, canisters): PP

4.3.1 Use-specific instructions for use

To control growth of algae, add 8.2 – 400 ml product per 100 L fountain water. To specifically control growth of green algae, add 8.2 – 400 ml product per 100 L fountain water. To specifically control growth of blue-green algae (cyanobacteria), add 3.9 – 400 ml product per 100 L fountain water. If repetition is required (if necessary weekly, every 2 weeks or on demand) the same treatment should be followed for either green algae or blue-green algae (cyanobacteria).

4.3.2 Use-specific risk mitigation measures

Keep out of reach of children.
Release of treated water to surface waters from artificial outdoor fountains is not permitted.

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

See General Directions for Use

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

See General Directions for Use

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

See General Directions for Use

4.4 Use description

Use 4 - Pool

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	Growth inhibition of algae in swimming pools
Target organism(s) (including development stage)	Cyanobacteria-blue-green algae- Keine Angabe-unicellular green algae-
Field(s) of use	Outdoor Pool
Application method(s)	Manual application - Dilution by pouring into water
Application rate(s) and frequencies	See number and timing of applications below. - See number and timing of applications below. - Unicellular green algae: Min: 8.2ml/100L water (0.0082%)

	<p>Max: 10ml/100L (0.01%) One application on one day Repetition: Every 2 weeks or on demand</p> <p>Blue-green algae: Min.: 3.9ml/100L (0.0039%) Max.: 10ml/100L (0.01%) One application on one day Repetition: Every 2 weeks or on demand</p>
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bottle (HDPE): 1L Canister (PE): 2,5L, 5L, 10L Cap (bottles, canisters): PP

4.4.1 Use-specific instructions for use

Do not use in swimming pools with flocculation systems.
To control growth of algae, add 8.2 - 10ml product per 100 L pool water. To specifically control growth of green algae, add 8.2 - 10ml product per 100 L pool water. To specifically control growth of blue-green algae (cyanobacteria), add 3.9 - 10 ml product per 100 L pool water. If repetition is required (every 2 weeks or on demand) the same treatment should be followed for either green algae or blue-green algae (cyanobacteria).

4.4.2 Use-specific risk mitigation measures

Keep out of reach of children.
Release of treated water to surface waters is not permitted.

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

See General Directions for Use

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

See General Directions for Use

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

See General Directions for Use

5. General directions for use of the meta SPC

5.1. Instructions for use

Do not use at pH below 7.
It is recommended to use the lowest dose rate which is usually sufficient to achieve the desired effect. In case of higher algal density or depending on water quality (e.g. water with high soiling) it might be required to use a higher dose rate.
Only apply to artificial/man-made water bodies with an impermeable liner.
Do not use the product over or in the immediate vicinity of surface water.

5.2. Risk mitigation measures

None

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

First aid measures:

- In case of accidental inhalation of fumes, move to fresh air. If shortness of breath/respiratory distress occurs and persist seek medical advice.
- In case of eye exposure check for and remove contact lenses, wash eyes with plenty of water maintaining eye lids open for at least 15 minutes. If eye irritation/sensitization occurs and persist seek medical advice.
- In case of skin contact wash the affected area with plenty of water without scrubbing. If skin irritation/sensitization occurs and persist seek medical advice.
- In case of ingestion wash mouth with plenty of water. If you experience severe abdominal pain or feel unwell seek medical advice.
- If necessary take the affected individual to a healthcare center and bring packaging or label whenever possible.

NEVER LEAVE THE AFFECTED INDIVIDUAL UNATTENDED!

Advice for medical and healthcare personnel:

- Symptomatic and supportive treatment.

UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.

Avoid releases to the environment/sewer system from spillage or take up product spills using disposable dry wipes with subsequent disposal via solid waste.

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

None

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

Storage stability: 24 months

6. Other information

None

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)

activa Algenstop1 -NOT YET AUTHORISED FOR UK
KI KA IBA Algen Control 1 --NOT YET AUTHORISED FOR UK
Kölle's Beste! Algen-Killer Teich - -NOT YET AUTHORISED FOR UK

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0001 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95

Water	Water	7732-18-5	231-791-2	98.8983
Sulfuric Acid	Sulfuric Acid	7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid	10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0

Trade name(s)

ZierbrunnenKlar - NOT YET AUTHORISED FOR UK
 Brunnen-Frisch Indoor --NOT YET AUTHORISED FOR UK
 Zierbrunnensauber - NOT YET AUTHORISED FOR UK
 Fountain Clear (indoor)

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0002 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95
Water	Water		7732-18-5	231-791-2	98.88982

Sulfuric Acid	Sulfuric Acid	7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid	10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0.00018
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0.01

Trade name(s)

activa ALGENSTOPP 2 - NOT YET AUTHORISED FOR UK
 Algizid Schwebealgen - NOT YET AUTHORISED FOR UK
 AlgoClear - NOT YET AUTHORISED FOR UK
 AlgoSol (Pond)
 tripond Algen-Stop - NOT YET AUTHORISED FOR UK
 KI KA IBA Algen Control 2 - NOT YET AUTHORISED FOR UK
 Frühjahrs AlgenStop - NOT YET AUTHORISED FOR UK
 Algen-Entferner - NOT YET AUTHORISED FOR UK

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0003 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95

Water	Water	7732-18-5	231-791-2	98.8988
Sulfuric Acid	Sulfuric Acid	7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid	10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0

Trade name(s)

aqua Algenvernichter - NOT YET AUTHORISED FOR UK
 Optima Alg - NOT YET AUTHORISED FOR UK

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0004 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95
Water	Water		7732-18-5	231-791-2	98.8983
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0

Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0

Trade name(s)

Springbrunnensauber - NOT YET AUTHORISED FOR UK
 Brunnen-Frisch Outdoor - NOT YET AUTHORISED FOR UK
 SpringbrunnenKlar - NOT YET AUTHORISED FOR UK
 AlgenFrei
 AlgaeFree
 FountainClear (outdoor)

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0005 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95
Water	Water		7732-18-5	231-791-2	98.895
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate		547-58-0	208-925-3	0

Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0.005

Trade name(s)

AlgoSol forte
Sommer AlgenStop - NOT YET AUTHORISED FOR UK
Algae Klear Xtra - NOT YET AUTHORISED FOR UK

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0006 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.95
Water	Water		7732-18-5	231-791-2	98.8983
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo) benzolsulfonate		547-58-0	208-925-3	0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0.0005

Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylidene)cyclohexa-2,5-dien-1-ylidene)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamine tetraacetate	64-02-8	200-573-9	0

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 (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28 - 0.95
Water	Water		7732-18-5	231-791-2	98.8983 - 99.57
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15 - 0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0 - 0.099

Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0 - 0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0 - 0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0 - 0.0005
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0 - 0.01

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

Formulation(s)

SL - Soluble concentrate

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Toxic to aquatic life with long lasting effects.

Precautionary statements

Keep out of reach of children.

Avoid release to the environment.

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

Collect spillage.

Dispose of contents to in accordance with national regulations...

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Aquarien

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

Growth inhibition of algae in aquaria.

Target organism(s) (including development stage)

Cyanobacteria-Blue-green algae-

Keine Angaben-Unicellular green algae-Keine Angaben

Field(s) of use	Indoor Aquaria
Application method(s)	Manual application - Dilution by pouring into water
Application rate(s) and frequencies	See number and timing of applications below. - See number and timing of applications below. - Unicellular green algae: Min: 28ml/100L water (0.028%) Max: 30ml/100L (0.03%) One application on one day Repetition: After 3-4 weeks if necessary Blue-green algae: 3ml/100L (0.003%) One application per day on 3 successive days Repetition: Repeat the same treatment after 3-4 weeks if necessary
Category(ies) of users	General public (non-professional)
Pack sizes and packaging material	Bottle (HDPE, PET): 100ml, 140ml, 200ml, 250ml, 500ml Closure: PP

4.1.1 Use-specific instructions for use

Use only when assessment of algae infestation and aquaria parameters indicate, that all non-chemical algae control measures, e.g. (partial) water exchange, mechanical algae removal and regular filter cleaning are unsuitable to give sufficient algae control.

To control growth of algae, add a single dose of 28 - 30 ml product per 100 L aquarium water. To specifically control growth of green algae, add a single dose of 28 - 30 ml product per 100 L aquarium water. To specifically control growth of blue-green algae, add 3 ml product per 100 L aquarium water per day on 3 successive days. If repetition is required after 3-4 weeks the same treatment should be followed for either green algae or blue-green algae (cyanobacteria).

4.1.2 Use-specific risk mitigation measures

Keep out of reach of children.
Animals from treated water shall not be consumed.

The product can be toxic to certain fish species and invertebrates.
No preventive use of the biocidal product.

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

See General Directions for Use

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

See General Directions for Use

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

See General Directions for Use

5. General directions for use of the meta SPC

5.1. Instructions for use

Do not use at pH below 7.

It is recommended to use the lowest dose rate which is usually sufficient to achieve the desired effect. In case of higher algal density or depending on water quality (e.g. water with high soiling) it might be required to use a higher dose rate.

5.2. Risk mitigation measures

Keep out of reach of children.
Animals from treated water shall not be consumed.
The product can be toxic to certain fish species and invertebrates.
No preventive use of the biocidal product.

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

First aid measures:

- In case of accidental inhalation of fumes, move to fresh air. If shortness of breath/respiratory distress occurs and persist seek medical advice.
- In case of eye exposure check for and remove contact lenses, wash eyes with plenty of water maintaining eye lids open for at least 15 minutes. If eye irritation/sensitization occurs and persist seek medical advice.
- In case of skin contact wash the affected area with plenty of water without scrubbing. If skin irritation/sensitization occurs and persist

seek medical advice.

- In case of ingestion wash mouth with plenty of water. If you experience severe abdominal pain or feel unwell seek medical advice.
- If necessary take the affected individual to a healthcare center and bring packaging or label whenever possible.

NEVER LEAVE THE AFFECTED INDIVIDUAL UNATTENDED!

Advice for medical and healthcare personnel:

- Symptomatic and supportive treatment.

UK medical professionals should contact the National Poisons Information Service (www.npis.org) for further advice.

Avoid releases to the environment/sewer system from spillage or take up product spills using disposable dry wipes with subsequent disposal via solid waste. Avoid releases to the environment/sewer system from spillage or take up product spills using disposable dry wipes with subsequent disposal via solid waste.

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

None

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

Storage stability: 24 months

6. Other information

Nonen

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)

AlgoSol Aquaristic

VIVANTIS Algenstopp - NOT YET AUTHORISED FOR UK

Authorisation number

UK-0019343-0007 1-2

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28
Water	Water		7732-18-5	231-791-2	99.4693
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0.099
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate		547-58-0	208-925-3	0.0012
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0.0005
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt		20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylendiamin n tetraacetate		64-02-8	200-573-9	0

Trade name(s)

Algozid

Authorisation number

(R4BP 3 asset reference number - National Authorisation)

UK-0019343-0008 1-2

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28
Water	Water		7732-18-5	231-791-2	99.5695

Sulfuric Acid	Sulfuric Acid	7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid	10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate	547-58-0	208-925-3	0
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate	587-98-4	209-608-2	0
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0.0005
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0

Trade name(s)

Kölle´s Beste! Algen-Killer Aquarestik - NOT YET AUTHORISED FOR UK

Authorisation number

UK-0019343-0009 1-2

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28
Water	Water		7732-18-5	231-791-2	99.471
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0.099
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo)benzolsulfonate		547-58-0	208-925-3	0
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0

Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide)n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt	20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate	64-02-8	200-573-9	0

Trade name(s)

Köller's Beste! Algen-Killer Aquaristik - NOT YET AUTHORISED FOR UK

Authorisation number

UK-0019343-0010 1-2

(R4BP 3 asset reference number - National Authorisation)

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	0.28
Water	Water		7732-18-5	231-791-2	99.57
Sulfuric Acid	Sulfuric Acid		7664-93-9	231-639-5	0.15
Boric Acid	Boric Acid		10043-35-3	233-139-2	0
Methyl Orange	Sodium-4-(4-dimethylaminophenylazo) benzolsulfonate		547-58-0	208-925-3	0
Metanil Yellow	Sodium-3-(p-anilinophenylazo)benzol sulfonate		587-98-4	209-608-2	0
Patent blue V sodium salt	Hydrogen(4-(4-(diethylamino)-5'-hydroxy-2',4'-disulfonatobenzhydrylide)n)cyclohexa-2,5-dien-1-yliden)diethylammonium, Monosodiumsalt		20262-76-4	243-654-4	0
Trilon B Powder	Tetrasodiummethylenediamin tetraacetate		64-02-8	200-573-9	0