

Summary of product characteristics for a biocidal product

Product name: OCION PX10

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

Authorisation number:

R4BP 3 asset reference number: NL-0022154-0000

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Administrative information

1.1. Trade names of the product

OCION PX10

1.2. Authorisation holder

Name and address of the authorisation holder	Name	OCION Water Sciences Europe
	Address	Meeuwenlaan 4 3233 BH Oostvoorne Netherlands
Authorisation number		
R4BP 3 asset reference number	NL-0022154-0000	
Date of the authorisation	22/03/2019	
Expiry date of the authorisation	19/03/2029	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	OCION Water Sciences Inc.
Address of the manufacturer	#109 – 19347 24 Ave. V3Z 3S9 Surrey, BC Canada
Location of manufacturing sites	#109 – 19347 24 Ave. V3Z 3S9 Surrey, BC Canada

1.4. 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 I-38068 Rovereto (TN) Italy
Location of manufacturing sites	Via all'Adige, 4 I-38068 Rovereto (TN) Italy

2. Product composition and formulation

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Copper sulphate pentahydrate		Active Substance	7758-99-8	231-847-6	20,5
Sulphuric acid			7664-93-9	231-639-5	3,7

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements	<p>Causes severe skin burns and eye damage.</p> <p>May be corrosive to metals.</p> <p>Very toxic to aquatic life.</p> <p>Very toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>Collect spillage.</p> <p>Dispose of contents to a licenced hazardous waste disposal contractor or collection site..</p> <p>Dispose of container to to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.</p>

Wash skin thoroughly after handling.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with shower.

Wash contaminated clothing before reuse.

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

Immediately call a POISON CENTER.

Immediately call a doctor.

Specific treatment (see x on this label).

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

Avoid release to the environment.

Store locked up.

Wear protective gloves.

Wear protective clothing.

Wear face protection.

Keep only in original packaging.

Absorb spillage to prevent material damage.

Store in corrosion resistant container with a resistant inner liner.

4. Authorised use(s)

4.1 Use description

Use 1 - Use #1 - Algaecide for curative treatment of agricultural reservoirs - Professional

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 for curative treatment of agricultural reservoirs

For use against green algae in freshwater bodies

Reduces green algae at an application rate of 1.0 ppm copper

For application to outdoor artificial/man-made freshwater bodies (agricultural reservoirs) with an impermeable lining, which are not connected to other natural aquatic environments.

Effects should become apparent within 72 hrs but may take up to two weeks after application to become apparent.

Target organism(s) (including development stage)

Scientific name: Green algae
Common name: Green algae
Development stage: All

Field(s) of use

Outdoor

Algaecide for curative treatment of agricultural reservoirs

For curative use against green algae

Application method(s)

Open system -

Product is applied directly to water body by one of the following application methods:

Pouring

Pumping from either the shoreline / a boat / hose outlet and/or introduced from an underwater boom discharger.

Application rate(s) and frequencies

1.0 ppm copper - 0 -

To be applied at a concentration of 1.0 ppm copper

Application rate in litres per 1000m² of water surface area to achieve a concentration of 1.0 ppm copper:

Average water Depth (m)	0.2	0.4	0.7	1.0
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Application rate (l)	3.33L	6.67L	11.7L	16.7L
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Category(ies) of users

Professional

Pack sizes and packaging material

4, 10 & 20 L HDPE jerry cans

115 & 208 L HDPE drum

1000 L HDPE IBC

4.1.1 Use-specific instructions for use

4.1.1 Use-specific instructions for use

See section 5.1

4.1.2 Use-specific risk mitigation measures

See section 5.1

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

See section 5.4

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

See section 5.5

5. General directions for use

5.1. Instructions for use

Always read the label or leaflet before use and follow all the instructions provided
Other environmental organisms present in the treated water bodies can be adversely impacted by the treatment with this product
Product is algacidal, for curative use against green algae in agricultural reservoirs.
For application to artificial/man-made freshwater bodies (agricultural reservoirs) with an impermeable liner only

Wear protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information), protective coverall (**at least type 6, EN 13034**) and face protection (faceshield) during the product handling phase.
If applied via pumping from the shoreline, a boat, hose outlet or underwater boom discharger, the hose/boom must remain submerged

Keep out of reach of children.

Avoid contact with skin, eyes and clothing.

Causes irritation to eyes.

Submerged hose: A small pump mounted on a boat can allow the product to be pumped from its original container or a nurse tank into a hose trailing over the side or back of the boat where the hose outlet is just below the surface of the water.

Apply in late spring or early summer when algae first appear.

Treated water bodies should be tested regularly, using the testing kits or equipment available to users, to ensure the ionic copper concentration does not exceed 1.0 mg/L.

5.2. Risk mitigation measures

See section 5.1

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

In the event of a spill, do not wash product into the aquatic environment as it can be very toxic to aquatic life with long lasting effects.

FIRST AID

if ingested do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

Contact with eyes: rinse eyes with plenty of water.

If on skin: wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

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

The product contains heavy metal. Excess product and empty containers should be disposed of according to local regulations.
The product can be returned to the supplier for disposal or recycling.

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

Store in the closed original container in a dry, cool and well-ventilated place. Excessive heat and freezing temperatures should be avoided.

Product storage must be in original HDPE shipping containers and should not be stacked higher than three container levels.

Do not store for prolonged periods in direct sunlight.

A shelf life of 2 years is supported

6. Other information

None