



ECA CATALOGUE

Powerful, environmentally friendly cleaning and disinfection
for modern seaweed cultivation and RAS systems.



ECA is electrolyzed saltwater that works as a highly effective detergent and disinfectant.

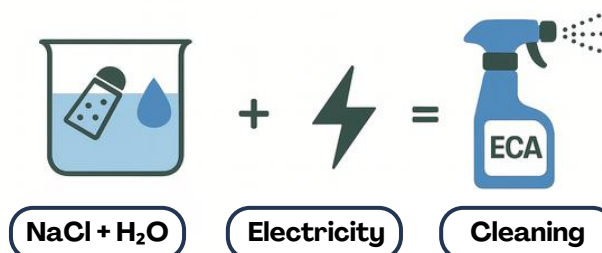
This catalogue presents the ECA products that Pure Algae typically recommends for our own systems and in similar setups across the industry.

For seaweed producers, ECA provides a clear hygienic advantage by reducing unwanted microorganisms and supporting stable growth conditions.

Because ECA is food approved and does not require rinsing before food handling, it can be used safely around harvested biomass and processing areas. It is also suitable for daily disinfection on office and facility surfaces.

For RAS facilities, ECA provides fast, residue-free disinfection that reduces pathogen pressure, biofilm and operational downtime. It improves water hygiene and stabilises system performance, while remaining safe for fish. ECA is inexpensive to produce on site, replaces harsher chemicals and simplifies daily hygiene routines across the facility.

HOW ECA WORKS





TOUCAN RENEW

Type: MOW

Capacity: 2 L per batch

Concentration: 125-250 ppm

Dimensions: 320mm x 200mm x 230mm

Salt: 4 grams per liter

Power: 36W, 100-240V AC

Emission: 0.0042 kg CO₂ per liter

Price: Call for price

TOUCAN ACTIVE

Type: MOW

Capacity: 10 L per batch

Concentration: 100-200 ppm

Dimensions: 550mm x 550mm x 160mm

Salt: 1-2 grams per liter

Power: 100W, 100-240V AC

Emission: 0.0020 kg CO₂ per liter

Price: Call for price



TOUCAN ACTIVE PLUS

Type: MOW

Capacity: 5 L per batch

Concentration: 350-600 ppm

Dimensions: 550mm x 600mm x 160mm

Salt Usage: 2-4 grams per liter

Power: 100W, 100-240V AC

Emission: 0.0037 kg CO₂ per liter

Price: Call for price

TOUCAN AQUAOX EA30

Type: Anolyte/Catholyte ECA

Capacity: 30 L per hour

Concentration: 500 ppm

Dimensions: 440mm x 850mm x 230mm

Salt Usage: 5 grams per liter

Power: 1.5 kW, 230V AC, single-phase

Emission: 0.0051 kg CO₂ per liter

Price: Call for price



TOUCAN AQUAOX MOW

Type: Anolyte/Catholyte ECA

Capacity: 20-200 L per hour

Concentration: 4500-5000 ppm

Dimensions: Custom

Salt Consumption: 20 grams per liter

Power: 1.5-8 kW, 230V AC, single-phase

Emission: 0.0073 kg CO₂ per liter

Price: Call for price



FOGGER 4L

Capacity: 4 L

Particles: Size 7-30
micrometers
(adjustable)

Nozzles: 3 mist nozzles
(resistant to corrosion)

Price: Call for price



PUMP SPRAYER

Capacity: 5 L

Nozzles: 1

Pressure: maximum 3 bar

The Efficacy of ECA

Before adding ECA

The green colour is caused by diatoms.



10 minutes after adding ECA

500 ml (4500 ppm) ECA was added to each container.



4 days after adding ECA

Another 250-500 ml was added to each container 4.5 hours after the initial dose.



Are you ready to try it out?

REQUEST A SAMPLE



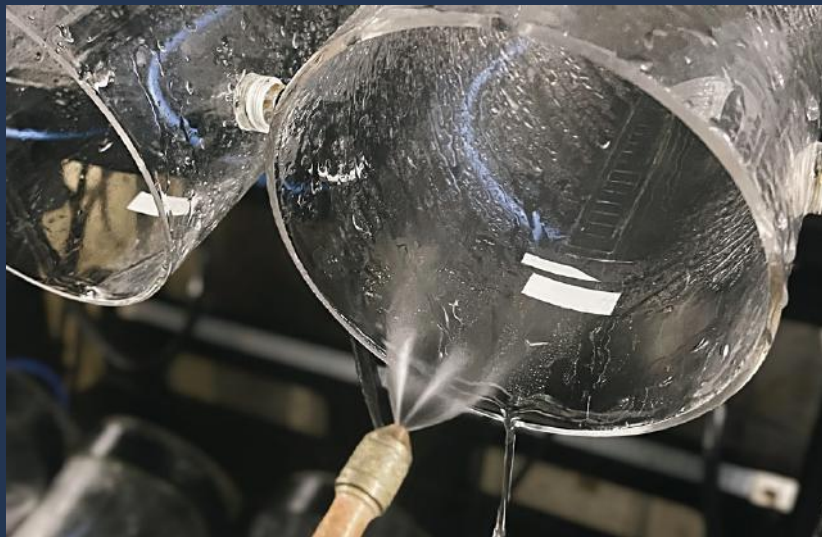
Included:

- ECA Spraybottle
- 5 L ECA Water
- Test Strips

Contact us today to take advantage
of this special offer.

Contact Us

For prices and additional information, you are welcome to contact us directly. Pure Algae is ready to help you select the right ECA products for your system and operational needs.



Email: **info@purealgae.dk**

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purealgae.dk

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