



Professional Cleaning Technology

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HL.Skjong ECA Aqua

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## HL.Skjong ECA Aqua

HL.Skjong ECA Aqua is a highly effective chemical disinfectant that can be produced on site for our customers, without the use of any hazardous chemicals.

HL.Skjong ECA Aqua is produced by electrolysis of salt and water and consists mainly of hypochlorous acid. Hypochlorous acid is an 80 times more effective disinfectant compared to the more conventionally used sodium hypochlorite.

HL.Skjong ECA Aqua produced with the unique systems of Envirolyte Ltd. Electrolysis generators, providing a total solution for disinfection, tailored to the specifications and needs of our customers.

## ELECTROLYSIS GENERATORS

Electrolysis generators produce the disinfectant, HL.Skjong ECA Aqua, by electrolysis of water and salt with Envirolyte Electrolysis generators. Envirolyte Electrolysis systems can be integrated into any process that requires disinfection or water treatment.

HL.Skjong delivers electrolysis systems adapted to the individual needs and business area. Envirolyte generators are available in sizes from 20 l/h to over 6000 l/h, enough to process up to 2000m<sup>3</sup> of water per hour. HL.Skjong ECA Aqua can be produced with a range of concentrations, depending on the selection of generator.



## BENEFITS

- Effective against bacteria, viruses, fungi, and spores.
- Effective against biofilm.
- HL.Skjong ECA Aqua in process water has a disinfecting effect on both contact surfaces and the product it is in contact with.
- Surfaces and equipment do not need to be rinsed with water after applying HL.Skjong ECA Aqua.
- Easy to operate, minimal maintenance.
- Disinfection is produced on site - eliminates the transport and storage needs of conventional chemistry.
- HL.Skjong ECA Aqua is not classified as a dangerous substance.



## AREAS OF USE

One of the most important uses for HL.Skjong ECA Aqua is the reduction of microorganisms in the entire drinking water network in a building installation.

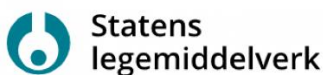
By adding HL.Skjong ECA Aqua to the water supply after the water intake or into process water, existing bacteria are eliminated, existing biofilm is broken down, and the formation of new biofilm is effectively prevented!

- Fresh water / seawater intake at salmon slaughterhouses and pelagic facilities.
- Food industry.
- Ships and offshore industry. (CIP cleaning and process water)
- Drinking water supply centrally at waterworks and locally in buildings / internal distribution network for example: restaurant, hotel, health trust and school.
- Bathing facilities



## APPROVALS

- HL.Skjong ECA Aqua is approved as Disinfectant in Aquaculture, effectively reducing the growth of IPN virus and aquaculture relevant bacteria such as *Aeromonas salmonicida*.
- The electrolysis generators are CE certified.
- Approved by the Norwegian Food Safety Authority as disinfection in drinking water centrally at waterworks and locally in buildings / internal distribution network in Norway, and by the NSF for the U.S and Canada.
- HL.Skjong ECA Aqua is approved as a chemical disinfectant for technical use in health and nursing in Norway by The Norwegian Medicines Agency.



## EXAMPLE OF INSTALLATION

The disinfectant HL.Skjong ECA Aqua is produced via an electrolysis generator and stored in a storage tank. The system automatically dispenses the disinfectant into the water intake or into the process water. A dosing controller with free available chlorine sensor is installed to let you know that the water is treated adequately and is in accordance with the drinking water regulations.

