

aquagroup

Aktiengesellschaft

Brief Company Profile

AQUAGROUP SWISS GMBH, DUBAI BRANCH, U.A.E

The aquagroup solutions as part of an innovative hygiene concept.

The Company History:

- Founded: 2004 in Regensburg, AG (plc) since 2006
- Chairman: Peter Unger
- Subsidiaries Abroad: Switzerland, Austria, China and Dubai, activities in Denmark, Spain, and Poland
- Distributors in Gulf Countries, Pakistan and in other Countries.
- Aquagroup Swiss GmbH, Dubai Branch working since 2008 in U.A.E as a branch of Aquagroup AG.
- We are doing many projects and covering different applications in many industries and organizations of U.A.E and different parts of the world.



VISION:

- We are a preferred partner of Hotel industry, Resort, Hotel apartment, Residential building, Commercial building, Food industry – from farm to fork, Hospital, Clinics, School, Mall, Commercial Tower, Cooling tower industry, Poultry farm, Livestock industry, Cruise Ship industry, other Industries and Organizations.
- We aim to be No. 1 in the fight against germs.

MISSION:

- We make water, food, product, surface safe and more secure.
- We improve hygiene where water is used.
- Our solutions can save water and time, reduce energy costs and the use of hazardous chemicals.
- We improve environment and public life.

What we can do?

To help you to improve your microbiological results in different applications.

To support you in securing your hygiene.

To enable you to improve your economic efficiency.

To help you to improve bio security.

To help you to optimize your process.

To make your water, surface and environment safe

ECA Technology and ECA Systems of Aquagroup AG, Germany:

ECA is

- Production of an electro-chemically activated solution
- Splitting of NaCl into chemical streams via electrolysis
- A brine solution is passed through an anode and cathode electrode referred to as a cell.
- An electric charge is used to activate the NaCl.

Result: NADES / NADES 2.0

[containing electrolyzed water with high ORP or disinfection power and also NaOCl as active agent]

- NADES / NADES 2.0 are electrochemically activated solutions (ECA) or disinfectants.

ECA solutions of aquagroup AG:

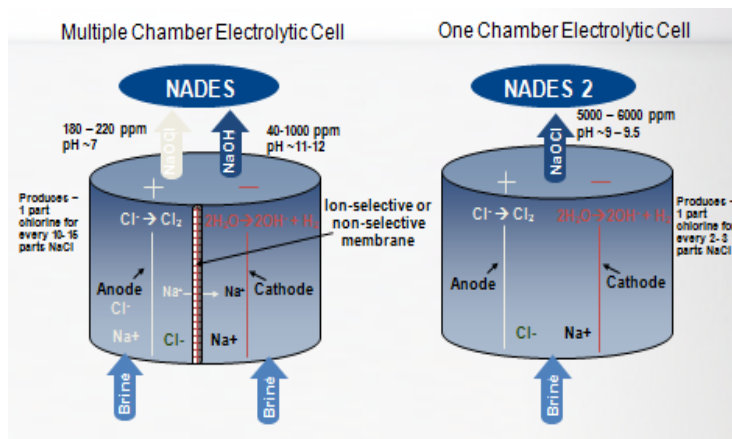
- NADES
- NADES 2.0

Main applications of ECA Systems and ECA Disinfectant Products:

- Water treatment and sanitation (like Drinking water, Swimming pool water, Cooling tower, Lake water, Irrigation water, Wastewater, Well water)
- Surface disinfection (like Food Contact Surface, Floor, Walls Tank, Filler head decontamination, Bottle rinsing, CIP, Table, Equipment, Chair)
- Food microbial decontamination (like Fruits & Vegetables, Carcass wash)
- Air microbial decontamination by fogging.

Advantages: ECA disinfectant is

- Effective against all bacteria, viruses, fungi, mold, algae and spores.
- Excellent in removal of biofilm in the water distribution lines.
- Saving time and water in surface disinfection application.
- Increasing the hygienic condition of the place.
- Improving safety of the food etc.



One for all! The Perfect Form of Disinfection
Fields Of Our ECA Products Application:

Our Existing and Potential Customers:

- Residential and commercial buildings
- Hotels
- Hotel Apartment
- Hospitals
- Schools
- Poultry farms
- Dairy farms & Livestock farms
- Meat and fish processing companies
- Water industries
- Beverage and juice manufacturing companies
- Dairy industries
- Fruits and vegetables Processing companies
- Starch companies
- Sausage producing companies
- Pharmaceutical companies
- Cruise ship lines
- Cooling tower industry
- Government departments
- Facility management companies
- Malls
- Cleaning and disinfection services companies
- Pest control companies.
- Trading companies
- Real Estate Companies
- Restaurants
- Cafeterias, Cafes
- Other industries and organizations.

Note: Customers list of the relevant industry will be shared with customer on request.

We are also dealing with other chemicals, equipment and accessories in U.A.E :

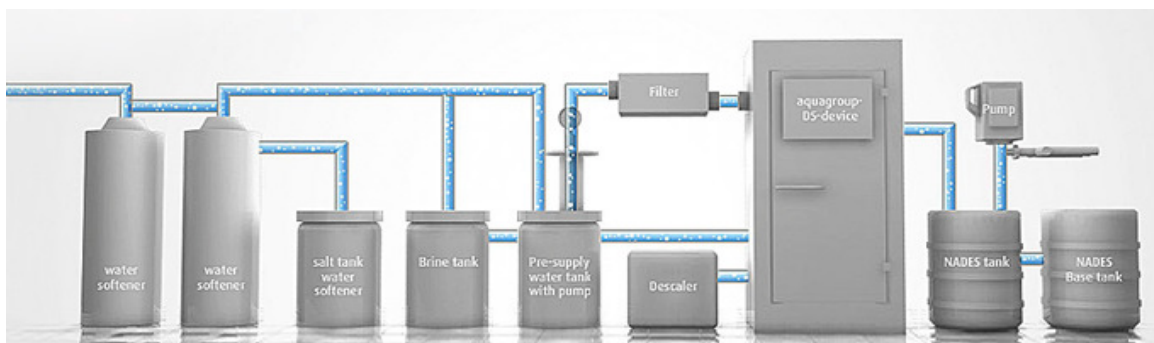
- Conventional chemicals, equipment and accessories for potable water treatment, swimming pool water treatment, cooling tower water treatment, irrigation water treatment, lake water treatment, boiler water treatment and wastewater treatment.
- Conventional cleaning chemicals, sanitizers, disinfectants , kitchen chemicals and other hygiene products for the industry.
- Water tank cleaning and disinfectant chemicals.
- Odor remover chemicals.
- All type of Filters, R.O units, Water softener, Filtration media, Controllers, Flow Meters and Dosing pumps.
- Testing kits and equipment.
- Cleaning equipment, accessories and fogging machines.

We can cover following potential applications:

Sr. No	Applications	Sr. No	Applications
1	Drinking water treatment	16	Filler Flushing application
2	Potable water treatment	17	Bottle washing application
3	Process or product water treatment	18	Fruits and vegetables washing application
4	Swimming pool water treatment	19	Poultry and animal carcass washing application
5	Cooling Tower water treatment	20	Food microbial decontamination
6	Boiler water treatment	21	Cooling pad cleaning and flushing application
7	Lake water treatment	22	Fogging application
8	Irrigation water treatment	23	Odour removal application
9	Wastewater treatment	24	Personal hygiene and environmental improvement application
10	Dialysis water treatment	25	Grease trap application
11	Well water treatment	26	Biofilm removal application
12	Surface cleaning and disinfection	27	Hoof hygiene application
13	Tank cleaning and disinfection application	28	HAVAC application
14	Pipeline flushing application	29	Feed and heavy decontamination
15	CIP application	30	Air microbial decontamination

Why to chose aquagroup AG and aquagroup Swiss GmbH, Dubai Branch?

- ▲ Device and Products Range enables positioning of the product to meet customer needs.
- ▲ Realistic approach and controlled conditions.
- ▲ Health and Safety.
- ▲ Risk management.
- ▲ Disinfectant efficacy.
- **Support and structure:**
 - Commissioning.
 - Installation.
 - Experience.
- **Expert competency:**
 - Interface between hardware provider and expert knowledge.
 - Highly qualified team of chemists, microbiologists and food scientists.
 - Field experience.
 - Support through validation.
 - Fully equipped laboratory for internal analysis.
 - Technical support.
 - Maintenance and service support.
- **Aquagroup ECA device and ECA systems:**
 - Risk management tool: All parameters are continuously monitored before, during and after the production process.
 - SPS Control.
 - Options of User-friendly Touch Screen with system.
 - Integrated data logger for recording all parameters
 - Solenoid valve with time control for water and product
 - Quality parameters of the product: pH, ORP of DS and mCON systems.
 - Service-friendly and easy to operate.
 - Economical and environmentally friendly.



- **ECA disinfectant products features:**

- High antimicrobial Efficacy
- Effective against Biofilm
- ECA NaOCl produces no harmful chlorates during storage
- Environmentally friendly: no bacterial toxicity possible (by-products) due to fast degradation in presence of organic load therefore reduced impact on waste water plant
- Non-Irritating
- Quick Acting
- In a concentrated form a Non-hazardous good.
- Physical features and chemical composition of our ECA products are different than commercial available NaOCl and other conventional disinfectants.
- High Worker safety – no protective clothing necessary

- **Other Benefits:**

- The necessary ECA product can be produced „just in time“ on location by our ECA system.
- Consumable supplies:
electricity, water, trade-standard salt tablets and a descaling solution.
- Device and technology are provided.

- **Our Credentials:**



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