




HENCO 9090:

The world's best and most effective liquid disinfectant.

General disinfection and cleaning.

- ❖ HENCO 9090 Activated Water is harmless to humans, animals and the environment.
- ❖ HENCO 9090 Activated Water is a highly effective disinfectant that effectively kills microorganisms. Activated Water is approved for use without subsequent rinsing.
- ❖ HENCO 9090 Activated Water is free chlorine which is also naturally produced in the body to fight inflammatory conditions. No microorganisms have survived the encounter with HENCO 9090 Activated Water and no microorganisms that form resistance.



Electrochemically
activated liquids for
healthcare sector



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❖ HENCO 9090 Activated Water is the product of a special electrolysis of mineralized water and is produced by an ECA machine which converts the water into efficient biocide using electricity. The active component of HENCO 9090 Activated Water is free chlorine (HOCl), which is the most effective chlorine disinfectant in liquid form.

❖ HENCO 9090 Activated Water/free chlorine is pH neutral. Free chlorine is naturally produced in the body to fight inflammatory conditions. HENCO 9090 Activated Water is made of water, salt and a little power. It is the world's most effective liquid disinfectant. Harmless, environmentally friendly and effective. No risk of bacterial immunity. No risk of skin and mucosal problems.

❖ HENCO 9090 Activated Water is biodegradable and in nature it turns into water and salt again. HENCO 9090 Activated Water does not emit toxic chlorine gas or other toxic gases

❖ Efficiency: Has wider antimicrobial spectrum than other biocides and stronger effect.

❖ Safety: Not toxic as other liquid disinfectants. Even the concentrated solution is not harmful if you accidentally drink it.



HENCO 9090: Hypochlorous acid.

- ❖ Very effective biocide achieving comprehensive and rapid elimination of all bacteria, viruses, fungi, moulds and spores.
- ❖ No resistance or mutation of micro-organisms.
- ❖ Very safe to handle and use – nonhazardous, non-toxic, non-allergenic, non-irritant.
- ❖ Produced by macro-organisms (including humans) as a natural defense compound against infection and is created in vivo when the human immune system destroys pathogens.
- ❖ Will aid healing process in rashes, cuts, fungal infections.
- ❖ No hazardous impact if ingested or sprayed into eyes, or on skin contact.
- ❖ Totally safe to use around babies, children, the elderly, pets and food.



Opportunities

High cost of
disinfecting and
sterilizing solutions
(DSS)

Bacterial
immunity to the
DSS

Negative effect
on the skin and
respiratory ways
of the most DDS

Need to store
and deliver DSS

Large number
of DSS for
different
purposes

Environmental
risks of
traditional
disinfection



Application of Activated Water in medicine



Disinfection, washing and elimination of odors in all the types of premises

- Corridors, operating rooms, canteens, toilets in hospitals, clinics and health centers
- Disinfection of the air with fog generator
- Sanitary transport, equipment



Disinfection and washing of equipment and materials

- Medical equipment, endoscopes, operating instruments
- Shoes, clothes, rubber items



Application for Activated Water in medicine



Application as a skin antiseptic

- Disinfection of doctors' and medical staff's hands
- Treatment of donor's elbow folds, skin folds and bedsores
- Treatment of injectional and surgical fields



Hospital water treatment

- Preparation of drinking water
- Elimination of Legionella and other bacteria, viruses and fungi
- Elimination of biofilm in pipes



Disinfection of the waste

- Single use products – bandages, clothes etc.
- Biological discharges
- Food waster



HENCO 9090: Cleaning.

- A good surfactant.
- Will clean all hard surfaces and remove all low levels of organic matter.
- Leaves clean, polished surfaces.
- Is not a heavy degreaser and will not remove limescale.
- Will remove stains from fabrics and carpets.
- Can be used on all surfaces also on wood.
- Will not bleach (300 ppm), leave smears or watermarks.
- Cleans and disinfects in single application.



HENCO 9090:

*Environmental
credentials.*

Very Low Carbon Footprint:

- ✓ Natural & sustainable solution inputs – salt & water.
- ✓ No synthetic chemicals in solution.
- ✓ Non-allergic.
- ✓ Non-hazardous to macro-organisms and environment.
- ✓ Safe drain disposable.
- ✓ Environmentally sensitive and sustainable.



HENCO 9090: Food Preparation.

Approved by ECHA, the European Chemicals Agency.

- ❖ Safe and effective sanitization and cleaning of all food preparation surfaces, including meat cutting and preparation.
- ❖ No taint and odour.
- ❖ Non-hazardous.
- ❖ Washing fruit, vegetables and salads to clean and eliminate microorganisms.
- ❖ Safe and effective for use in restaurants, pubs, cafes, canteens, coffee shops and food processing plants.



HENCO 9090:

Benefits Summary

- ✓ Cleans and disinfects in single solution.
- ✓ Environmentally sensitive and sustainable.
- ✓ On-site production.
- ✓ Cheap to produce.
- ✓ Highly effective.
- ✓ Safe and natural.
- ✓ Easy to generate and use.
- ✓ Multi-purpose uses.
- ✓ Non-hazardous, non-toxic, non-irritant, non-allergenic.





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Approvals:

- ❖ PT1, PT2, PT3, PT4 and PT5.
- ❖ Listed on Article 95.

Efficacy of the ECA technology

Test:DHI

EN 1499
EN 1500
EN 13697
EN 1656
EN 13623
EN 14476



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