



## Centrego SOS



### **Centrego ECA Systems**

Producing high-grade disinfection and cleaning solutions for in-situ use from the electrolysis of water and salt. The most environmentally responsible way to protect staff, customers, assets and the environment, reducing carbon emissions and saving costs. Kills all microorganisms including bacteria, viruses, spores, fungi with rapid contact times, high efficacy, and limited regrowth.



<b>Production capacity</b>	20ls/hr
<b>Active Substances Generated</b>	Hypochlorous acid (HOCl) @16-17ls/hr, and Sodium Hydroxide (NaOH) @3-4ls/hr
<b>Concentration Free Available Chlorine (FAC)</b>	500ppm
<b>Concentration NaOH</b>	800ppm
<b>pH HOCl</b>	pH6.8 – pH7.2
<b>pH NaOH</b>	pH12.00 – pH12.5
<b>Additive</b>	Salt (NaCl)
<b>Salt consumption</b>	2grms per litre
<b>Power supply and usage</b>	90-264vac, 900W
<b>Water supply</b>	Softened water, or potable water. Maximum 70ppm TDS, conductivity 140uS/cm
<b>Dimensions</b>	380mmW x 170mmD x 280mmH
<b>Weight</b>	5kgs
<b>Ancillary equipment (optional)</b>	5l brine tank and filter. Dimensions 270mmW x 150mmD x 200mmH

**SYSTEM TECHNOLOGY**

Electrochemical Activation (ECA) membrane cell system generating pH-neutral anolyte hypochlorous acid (HOCl) and pH10.5 sodium hydroxide (NaOH) for in-situ biocide and cleaning solution generation.

The [System name] is designed for easy portable use in emergency environments such as disaster response, battlefield field hospitals, and remote access locations for health clinics and hospitals.

The [system name] requires potable water and salt, plus low-level mains or generator power to generate clinical-grade disinfectant for wound treatment and care, hand and skin disinfection, sanitisation of hard surfaces and instruments, water disinfection, and fabric cleaning and disinfection.

<b>SOLUTION CERTIFICATION</b>	EN13727
EN14476	EN13624
EN16777	EN1656 (Cefas Aquaculture approved)
EN13697	EN1500
EN1650	EN17126
EN14348	EN1276
EN14675 (Cefas Aquaculture approved)	EN 16615



**SYSTEM CERTIFICATION**

- European Chemicals Agency (ECHA) listed
- UK Health & Safety Executive (HSE) listed
- US Environmental Protection Agency Approved
- CE Certified



SCAN FOR WEBSITE

