



cleanea





SUSTAINABLE DEVELOPMENT

Reducing pollutant waste

Limiting the use of toxic chemicals

Breaking the supply chain and haulage requirement

No more toxic fumes : improvement of air quality

OUR COMMITMENTS

Clean and disinfect with green detergents made on site

ECONOMIC

Differentiation and innovation compared to your competitors

Cost reductions

Efficiency of the products

From 1 to 5 cents per liter



WORKING CONDITIONS

No health danger for staff

Reduced risk in case of misuse

Easier and faster staff training

Easy-to-use products

OUR SOLUTION

Produce your own
detergents

One
machine
TWO
products



Water becomes detergents and
replaces up to 90% of the
traditionally used products



Red solution - Disinfectant

Acid solution for sanitizing compliant with European Norms EN 1275, EN 1276 and EN 1040 for hygiene and sanitization.

It destroys all types of bacteria such as Listeria, HIV, E-coli, Salmonella. It shines stainless steel and anodizes aluminum, painted surfaces, glass surfaces, mirrors...

A RED SOLUTION DISINFECTANT



A BLUE SOLUTION DEGREASER



Blue Solution – Degreaser

Alkaline solution which cleans and degreases all sanitary and kitchen ware, all type of surfaces as ceramics, chrome, stainless steel, carpets and fabrics, as well as most of materials for homes, hotels , hospitals and offices

FOR EACH PRODUCT

SEVERAL USES

No dilution

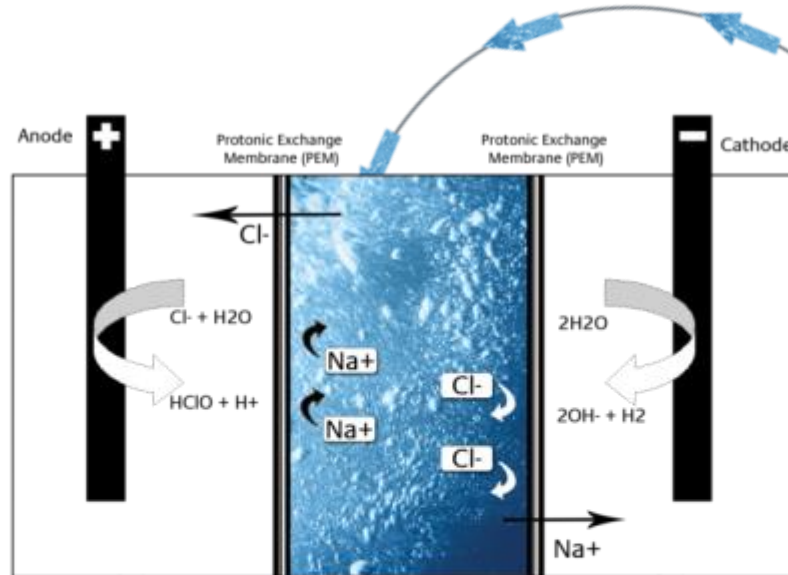
Can be used with all types of equipments
(scrubber-dryer, single-disc machines...)



HOW DOES IT WORK ?

Electrolysis is a well-known technology.

Yet our breakthrough consists in introducing a new technology, so that every chemical product can be isolated.



Anionic disinfectant red solution
 $\text{HClO} + \text{H}^+ + \text{Cl}^-$

Cationic cleaning blue
solution NaOH

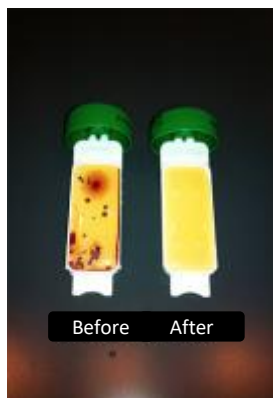
That is why Cleanea's final products contain much less salt than products obtained with traditional electrolysis.

Thanks to this brand new technology, the salt ratios in our products remain very low, close to the drinking water quality.



Standards' compliance controlled
by the IRM, COFRAC certified

A fungicidal, virucidal and highly
bactericidal activity for the red
solution



STANDARDIZED PRODUCTS

EN 1040

EN 1276

EN 1275

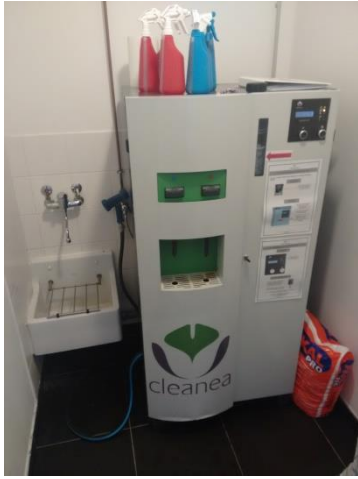
EN 1650

EN 13697



No hazard pictograms

Compliance with Biocide
regulation and REACH



FLEXIBLE SOLUTION

Remote product distribution

External tank for scrubber-dryer

Clean Mop in textile machine

Possibility to add smell, foam...



scrubber dryer
distribution





MAINTENANCE

Weekly control of the solutions

Control levels of salt in the water softener and the brine water chamber

SOME FIGURES

PRODUCTION

Water supply : Between 2 and 7 bar, temperature between 5 and 25°C

Water treatment : Filter and softener to get $Th < 10$

Simultaneous production of 2 solutions :
30 liters/h of each solution



CONSUMPTION



100W/hour



1 kg = 1 to 3 months



1L = 0,5L of each solution

An attractive offer for Green Buildings



TF1



French National Library



Generali HeadQuarter



Ministère des Finances Bercy



Montparnasse Tower



Orange Stadium



Engie Tower



La Défense Tower

A BIG HIT IN THE MEDIA

An easy concept

A groundbreaking technology

Products which concern every company



Broadcasted on



FOR MORE INFORMATION

www.cleanea.com

Contact us:

CLEANEA
18 rue Francis de Pressensé
F-92800 Puteaux
FRANCE

+33 1 47 75 02 38

contact@cleanea.com

GO GREEN

GO GREEN