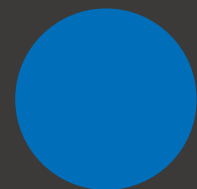




# NaCLO mini Plant

“Plug and Play System”

for on-site production  
of electrolytic sodium  
hypochlorite, one of the  
world's most widely  
used and effective  
disinfectants.



[www.medivac.it](http://www.medivac.it)

NaCLO is the sole ready-to-use  
plug & play system designed to  
operate in unfriendly and harsh  
environmental conditions.



### READY-TO-USE

NaCLO is supplied with all accessories in order to start the proper production on site immediately and without depending on any supplier.

### LOW OPERATING COSTS

Easy-to-use NaCLO requires only **water, salt and energy** from the grid or a power generator (NaCLO 30) or a Solar Panels (NaCLO 30 + Special Solar Kit).

### PRODUCTION

NaCLO 30 produces 30 liters of sodium hypochlorite at 5 gpl (5000 ppm, for the most demanding uses) of active chlorine in **5/6 hours** (energy supplied by the grid or a power generator) and **8 hours** with energy supplied by **Solar Kit for NaCLO 30**.

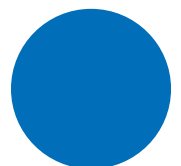
## NaCLO

Locally produced electrolytic sodium hypochlorite is the easiest and most sustainable solution to disinfect and thus reduce the impact of many diseases.

**Production on-site avoids up to 95% of water transportation and therefore additional levels of CO<sub>2</sub>.**

### MORE:

- It replaces the purchase of disinfectant products on the market, eliminating transport costs and the resulting environmental impact, thus reducing overall costs
- Produces disinfectant as needed, according to the variability of requirements, reducing the waste of products that expire or lose efficacy
- **Raw materials are not imported** (drastically cutting transport, custom duties and purchasing costs)



# NaCLO 30

Each item is supplied with an accessories kit, as well as the instructions on how to use the disinfectant solution in a wide variety of situations, (e.g. purification of both well and domestic water, disinfection in hospitals, nurseries, communities etc...)



NaCLO 30



Accessories Kit



## NaCLO 30:

- Electrolyze unit with a special cable for connection with the power supply unit
- Power supply unit (input 84-264 V a.c. - 47-63 Hz)
- 30L Plastic reactor
- Accessories kit for safety protection
- Raw material (5 kg of salt) for the first productions of Sodium Hypochlorite

## Solar Kit for NaCLO 30\*:

- Solar Power supply unit (input 12 V d.c.)
- A special foldable photovoltaic panel with an aluminum frame for orientation to the sun

The Solar Kit can also be purchased and assembled after the installation of NaCLO 30

\*(OPTIONAL)

Solar Kit



Solar Kit





## Seven key advantages:

- Easy-to-use, ready availability
- Low cost of production
- Acts quickly
- Wide-ranging efficacy
- Effective at low concentrations
- Stable
- Biodegradable



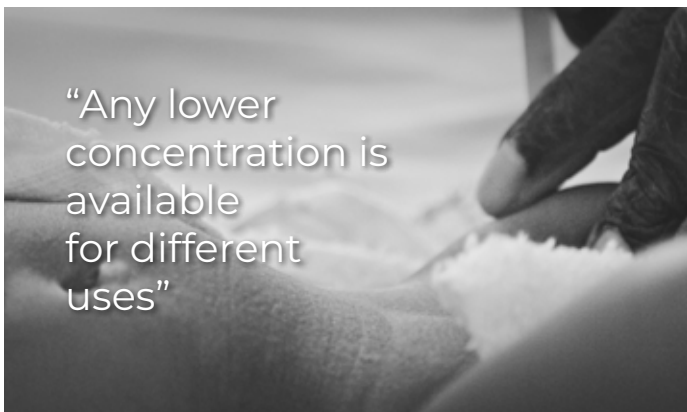
## Fields of Application

- **Water disinfection** (for small and medium size communities or at home)
- **Multi-use disinfectant** (for hospitals, first-aids clinics, communities, Ebola and Covid 19 prevention etc.)
- **Baby's hygiene** (maternity, nurseries, at home)
- **Home disinfection** (fruits and vegetables)
- **Food sector** (fruits and vegetables)

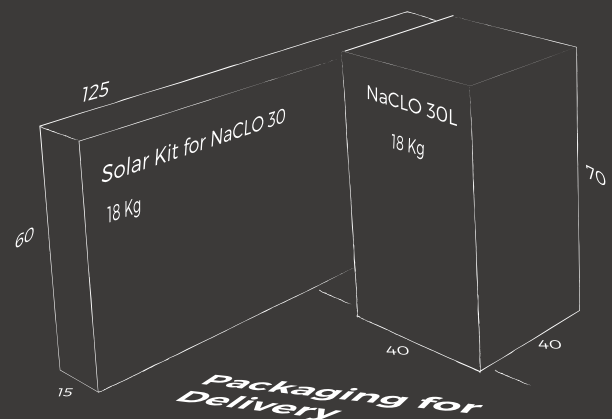
## Wide Spectrum of Action

Electrolytic sodium hypochlorite neutralizes a broad array of micro-organism such as

- **Gram positive and Gram-negative bacteria**
- **Fungi**
- **Viruses**
- **Bacterial spores**



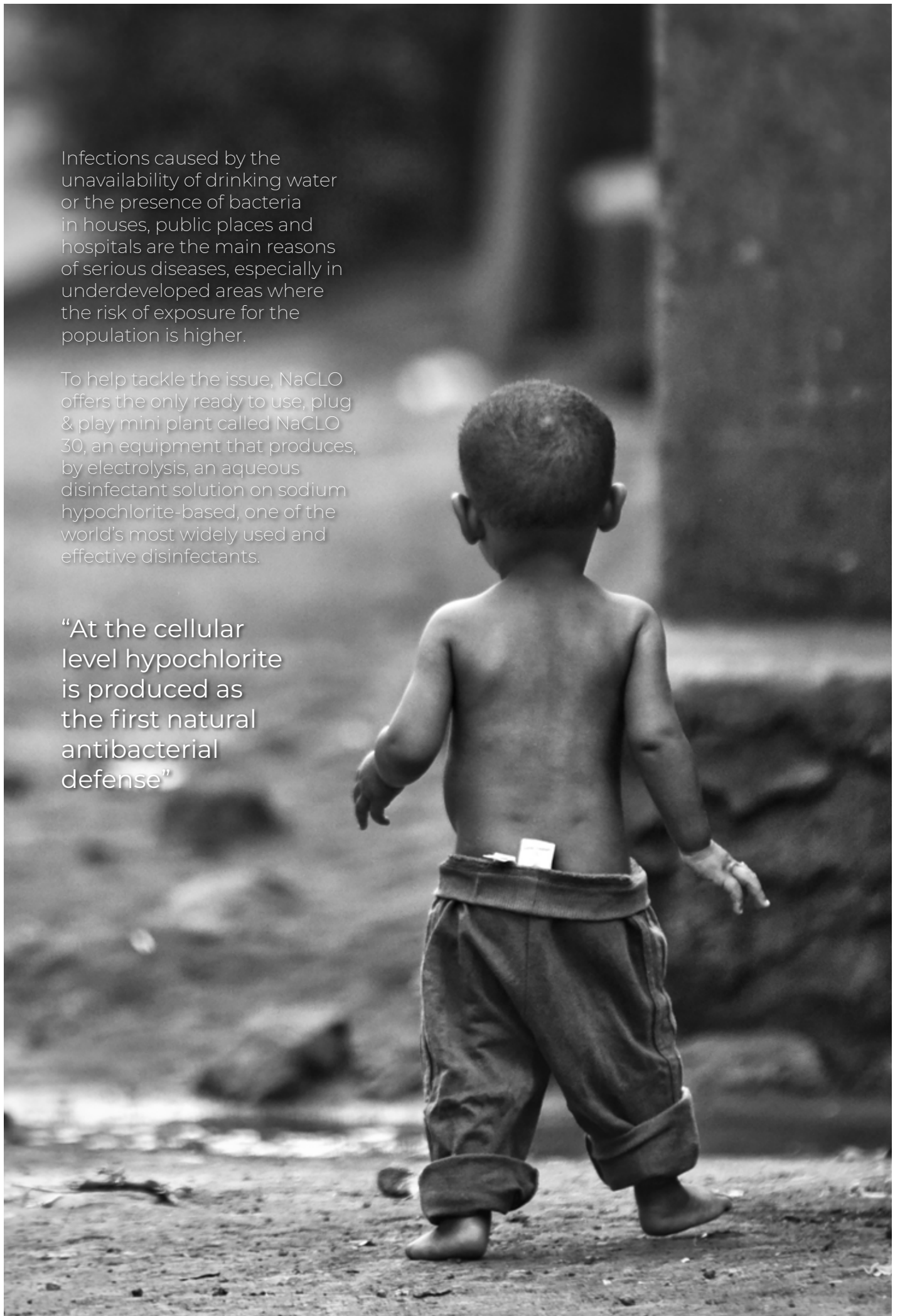
Weighing just 18 kilograms with all accessories included, NaClO can be hand-carried by plane.



Infections caused by the unavailability of drinking water or the presence of bacteria in houses, public places and hospitals are the main reasons of serious diseases, especially in underdeveloped areas where the risk of exposure for the population is higher.

To help tackle the issue, NaCLO offers the only ready to use, plug & play mini plant called NaCLO 30, an equipment that produces, by electrolysis, an aqueous disinfectant solution on sodium hypochlorite-based, one of the world's most widely used and effective disinfectants.

“At the cellular level hypochlorite is produced as the first natural antibacterial defense”







“About 2 billion people do not have sanitation services and about 3 billion do not have basic hand washing services”

(WHO data)

## Contact Us

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### Medivac Srl

Via Robert Kock 46/A , Località Pilastrello  
43123 Parma - Italy

ph. +39 0521 1815968  
info@medivac.it

Visit our website for more information and  
a complete portfolio

[www.medivac.it](http://www.medivac.it)

