

# WATER DESINFECTANT FOR HUMAN CONSUMPTION

A FERRANDO & FERRANDO SRL PRODUCT

In March 2020, more than 7.7 billion people live on our planet, of which 2.1 billion (3 out of 10) lack access to water supply. Of these, 844 million do not have even basic drinking water service. Some 4 billion people, almost two-thirds of the world's population, suffer from severe water shortages for at least one month a year. More than 80% of wastewater resulting from human activities is discharged into rivers or the sea without any treatment, which causes its contamination. As a result, 361,000 children under the age of 5 die annually from diarrhea related to poor sanitation and polluted water, which are associated with the transmission of diseases, such as cholera, dysentery, hepatitis A and typhoid fever.



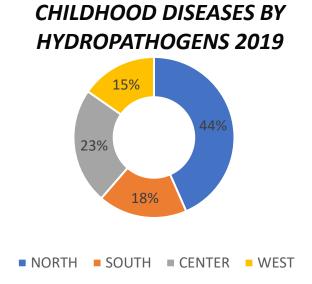


80% of the world's people who have to use unsafe or unprotected water sources live in rural areas. In many countries, a large part of the population is supplied with water from canals and ditches, often contaminated. 2 million people a year die from diseases caused by the misuse of water. About 4,000 children under the age of five die every day due to lack of safe water and adequate sanitation.



In Argentina, 7 million people do not have potable water service and almost 20 million do not have sewers. In addition, 80% of the sewage waste that we generate ends up, without prior treatment, in rivers and streams. The northern region of the country is the most affected by the lack of water. According to data from the Water Platform, based on INDEC data, the most affected provinces are Jujuy, Salta, Formosa, Chacho and Santiago del Estero. However, according to a UCA report presented in 2019, in Argentina almost two million people do not have access to drinking water at home.

In Argentina, gastroenteritis is the main cause of infant deaths followed by fever, vomiting and diarrhea. About a million cases belong to acute diarrhea, of which 50 percent correspond to children under 5 years of age. In particular, cases of gastroenteritis increase during the summer months and occur more frequently in infants (under 1 year) and in children up to 5 years.



FERRANDO & FERRANDO SRL develops SR AGUA DE VIDA a kit for immediate humanitarian aid, designed for personal use, practical and easy to use in any situation in developing areas that do not have a safe water system, allowing an effective solution to a wide problematic to the supply of drinking water improving logistics and distribution, allowing to give help in any place and circumstance.

#### **OBTAINING PURE, SAFE AND CRYSTAL WATER**

DE AGUA

#### **FOR 10 LITERS**

IDEAL FOR USE IN RIVERS, STREAMS, LAGOONS, WELLS AND RAIN WATER



#### **ODOR ELIMINATION**

ACTIVATED COMPONENTS CAPABLE
OF NEUTRALIZING NATIVE ODORS OF
NATURAL WATERS



GREAT ARSENIC RETENTION CAPACITY AT VALUES LESS THAN 0.001 mg / L.



## Pl

#### **PHYSICAL-CHEMICAL REGULATORS**

PH REGULATING AGENTS AND HEAVY METAL LEVELERS ACCORDING TO ARGENTINE FOOD CODE



ELIMINATES WATER COLORATION BY ESTABLISHING ZERO NTU VALUE





#### **ELIMINATION OF PATHOGENS**

ACTIVE INGREDIENT SODIUM
DICHLOROISOCYANURATE THAT ELIMINATES
A LARGE AMOUNT OF HYDROPROGEN

# EXCLUSIVE FORMULA ARGENTINA PATENTED, REGISTERED AND CERTIFIED BY ANMAT ENABLED LABORATORY WITH INTERNATIONAL CERTIFICATIONS









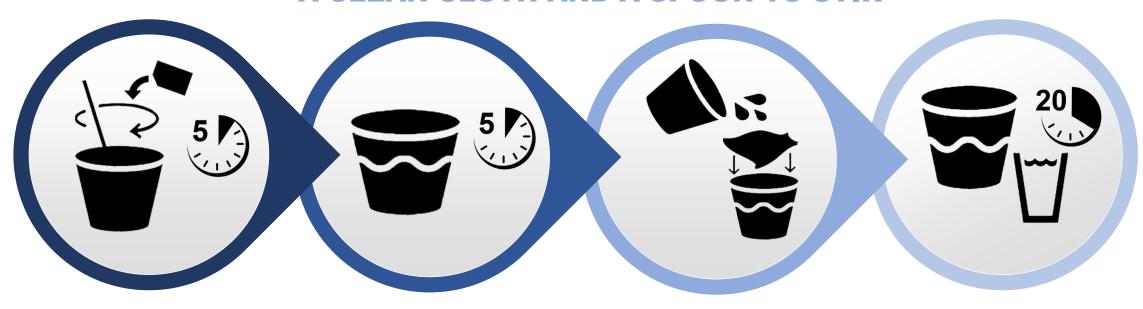




## **EASY USE AND EFFICIENCY IN JUST 30 MINUTES**



## PREPARE 2 CLEAN BUCKETS WITH A CAPACITY OF 10 LITERS A CLEAN CLOTH AND A SPOON TO STIR



COLLECT 10 LITERS OF WATER
PLACE THE PRODUCT AND STIR
FOR 5 MINUTES

LET IT STAND FOR 5 MINUTES TO PRECIPITATION PLACE FILTER CLOTH
ON THE SECOND BUCKET
AND POUR

LET IT STAND
FOR 20 MINUTES
TO COMPLETE SANITIZATION





### SR AGUA DE VIDA - BIOCIDAL EFFECT



THE PROCEDURE RELEASES HYPOCHLOROUS ACID (1.06% NaDCC) BIOCIDAL OF WIDE SPECTRUM



GREAT EFFECTIVENESS AGAINST MICROORGANISMS CAUSING ILLNESSES, DIARRHEA, VOMITING AND CHILD DEATH



PREVENTS CHOLERA, ARSENICOSIS, SALMONELLA, FLUOROSIS



BY PREVENTING THESE DISEASES, ATTENDANCE IS REDUCED IN HOSPITALS, CLINICS AND CARE CENTERS, LIBERATING SPACES, MEDICINES AND HEALTH PERSONNEL



MICROORGANISM	BIOCIDAL RESULT
Campylobacter Jejuni	99,999%
Escherichia Coli	99,999%
Salmonella Typhosa	99,999%
Legionella Pneumophilia	99,999%
Pseudomonas Fluorescens IM	99,999%
Salmonella Dysenteriae	99,999%
Salmonella Typhimurium	99,999%
Shigella Sonnei	99,999%
Staphylococcus Aureus	99,999%
Streptococcus Faecalis	99,999%
Vibro Cholerae	99,999%
Yersinia Enterocolitica	99,999%
Hepatitis A	99,999%
Rotavirus	99,999%
Poliovirus 1	99,999%
Poliovirus 3 (purificado)	99,999%
Simian Rotavirus SA (II)	99,999%
Pseudomona Aeruginosa	99,999%
Enterococcus faecium	99,999%

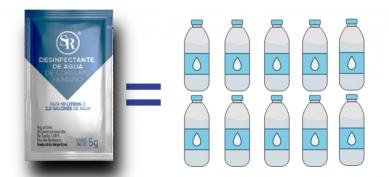


# REDUCTION OF ENVIRONMENTAL IMPACT

2 LITER PER BOTTLE



- Designed to improve logistics and distribution.
- Eliminate large amounts of plastic bottles.
- Ideal for developing areas, catastrophes and floods.
- 2-year shelf life for emergencies.



1 POUCH OF 5 GRAMS IS EQUAL TO 10 BOTTLES OF 1 LITER



500 LITERS PER BOX



Aqua de Wida

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