



What is RUBICON-ECO Water Purification Powders?



RUBICON water purification powder is a global breakthrough in inorganic water disinfectants.

The zero chlorine, non toxic and highly effective treatment for potable, sewerage, grey, black, swimming pool AND 'Acid Mine Drainage'.

A lightweight & cost-effective white powder.

KEY FEATURES

Sustainable

Cost effective

Non-toxic & safe

100% Chlorine Free

Odourless & tasteless

Unaffected by UV degradation

Decompose into water and oxygen

Fast dissolving & very easy to dose



BENEFITS

100% KILLS

E.coli, cholera, bacteria, fungi, viruses and other pathogenic organisms, phenols and other spores

It does not create Trihalomethanes (THMs) or HAA's disinfection by-products (DBPs)

Enhances ECO plant life and conditions the human body

Long-lasting residue effect and NON flammable

Byproduct enhances soil and plant life

Removes arsenic, cyanide & fluoride

Reducing single-use plastic!





CHLSCRINE.

VS



Bulk Sanitiser Powder

Rubicon	Chlorine			
One treatment	Pretreatment and sanitizing (Multiple treatments)			
High Residual Value (acitve 72 hours after application)	Low residual value			
Potent Sanitiser, Odour Control, Cyanide Removal, Arsenic Remediation, Removes Fluoride.	Disinfectant By-Products (DBP's) such as THM's, HAA's, MX-Factor, DCA's			
Arsenic remediation: elimination of toxic As (III) from contaminated soil & groundwater. Rapid oxidation of As(III) to As(V) Arsenic.	No			
Reduces COD / TOC (COD = Chemical Oxygen Demand; TOC = Total Organic Carbon)	No			
Treats water for Pharmaceuticals, Home & personal care, Food processing, Wood processing, Distilleries, Paper mills, Textiles / dyes	No			
Degrades Large Organic Compounds (Pharmaceuticals)	No			
No	Requires Stabilisers			
No	Harmful to the eyes			
No	Irritating the skin			
No	Forms Disinfection By-Products (see above)			

Rubicon	Chlorine	
Safe for human consumption, harmless, tasteless, and non-toxic	Toxic / Poisonous	
No	Dangerous To Store	
No	Flammable Reactive	
No	Bleach Spots	
Increases oxygen	Depletes Oxygen	
Odourless	Noxious Odour	
No	Allergenic	
No, 100% Environmentally Friendly	Toxic to aquatic life	
Eco not affected by turbidity	Chlorine provide lower disinfection effectiveness in turbid waters	
Un-effected by UV degration	Degraded by Sunlight	

ACCREDITATIONS & PARTNERS

Official documentations available on request













BioSafety Research Center















O BLOOD:WATER



















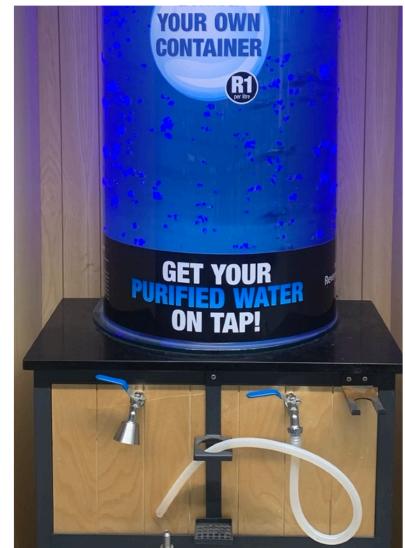
Product Range Has 4 Application Focus Areas





















Treatment for Potable Water





Bulk Sanitiser Powder

Treatment of recycled grey and black water.

Mines

Homes

Events

Schools

Hospitals

Abattoirs

Campsites

Car Washes

Cruise Liners

Sewerage Plants

Construction Sites

Estates and Complexes





ANY existing purification or filtration system will benefit when incorporating RUBICON purifying powders in the disinfectant or purifying phase.



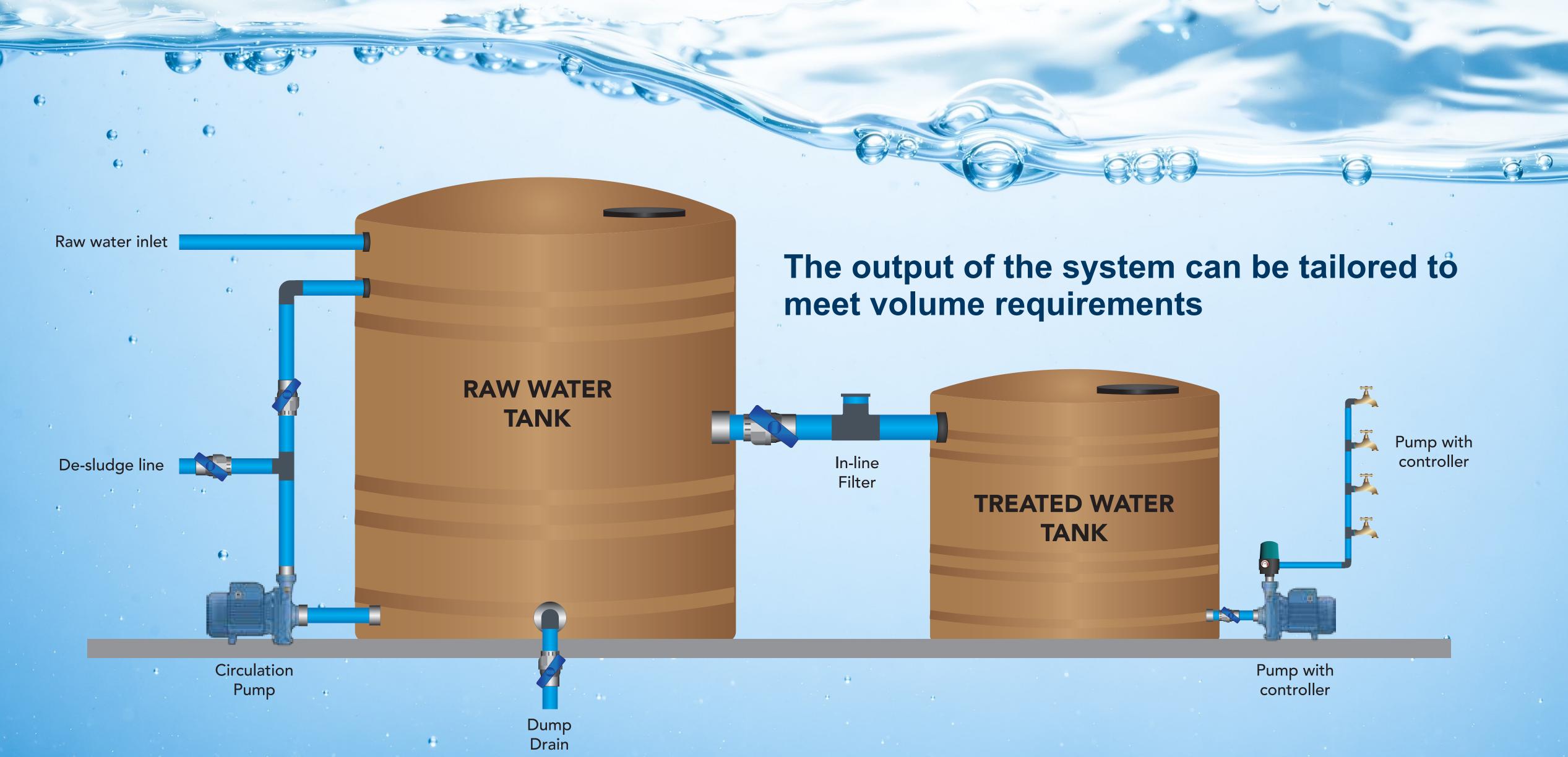
The RUBICON ECO product application method is so simple, that minimal to no filtration tanks are required when using RUBICON purification powders.

If the raw water tank filling process is gravity-based, the treatment method does not necessarily require electricity. At most, a small solar panel.

Any natural water source, borehole, or on-site water supply would be used and treated with RUBICON purification powders before distribution.

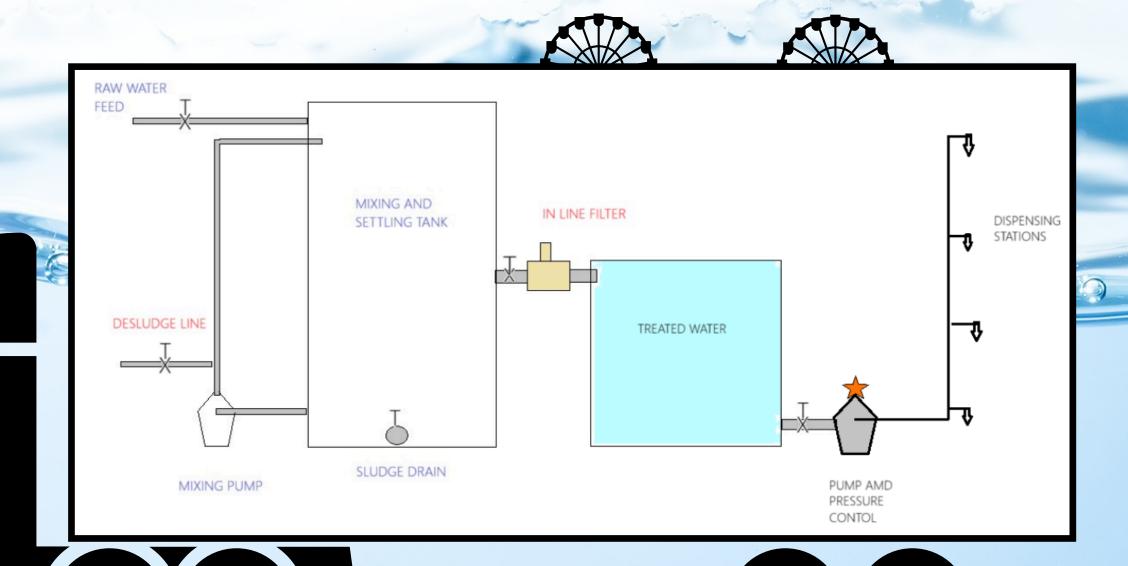
Systems can be fully containerised, secure, and in chilled ventilation. Minimal maintenance costs.

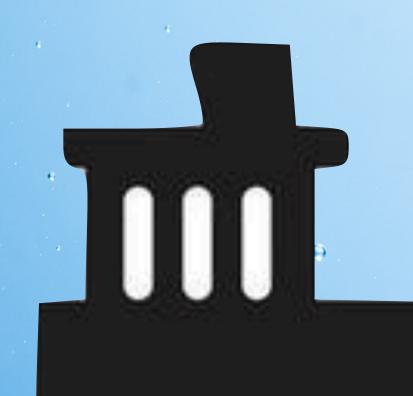
SIMPLE BULK INDUSTRIAL SYSTEM DESIGN

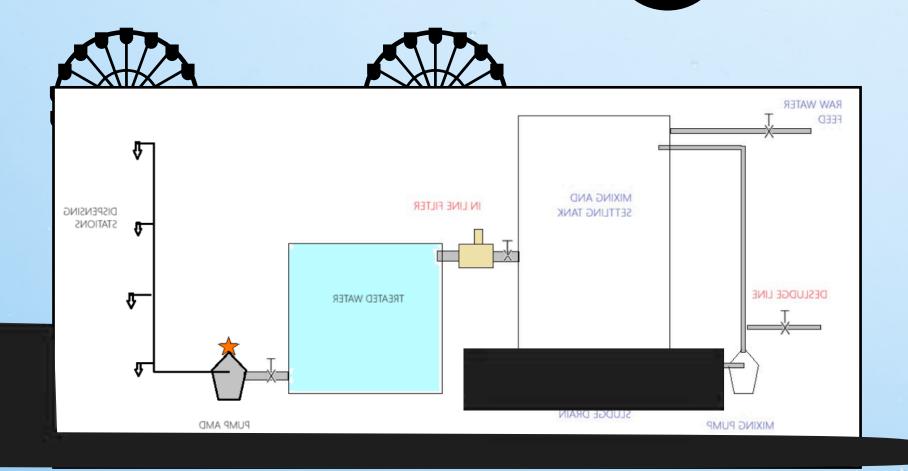


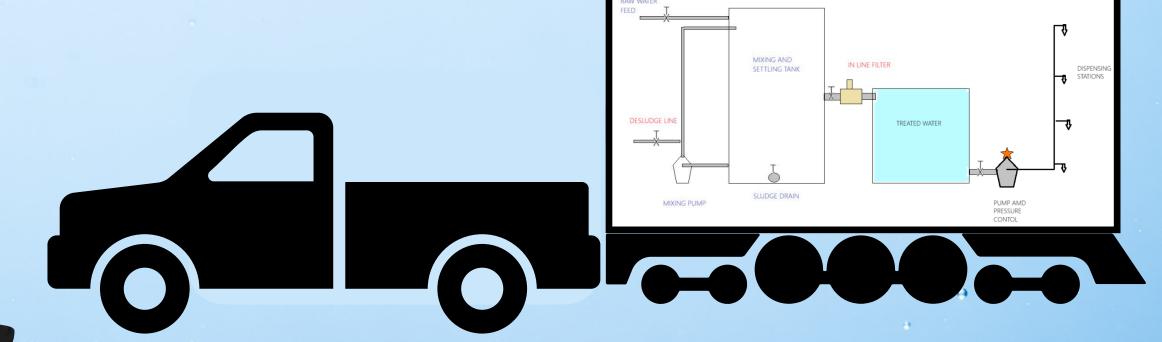
"PLUG & PLAY" SYSTEMS

Suitable for onsite use in a secure container, or on the go as a mobile unit or boat.







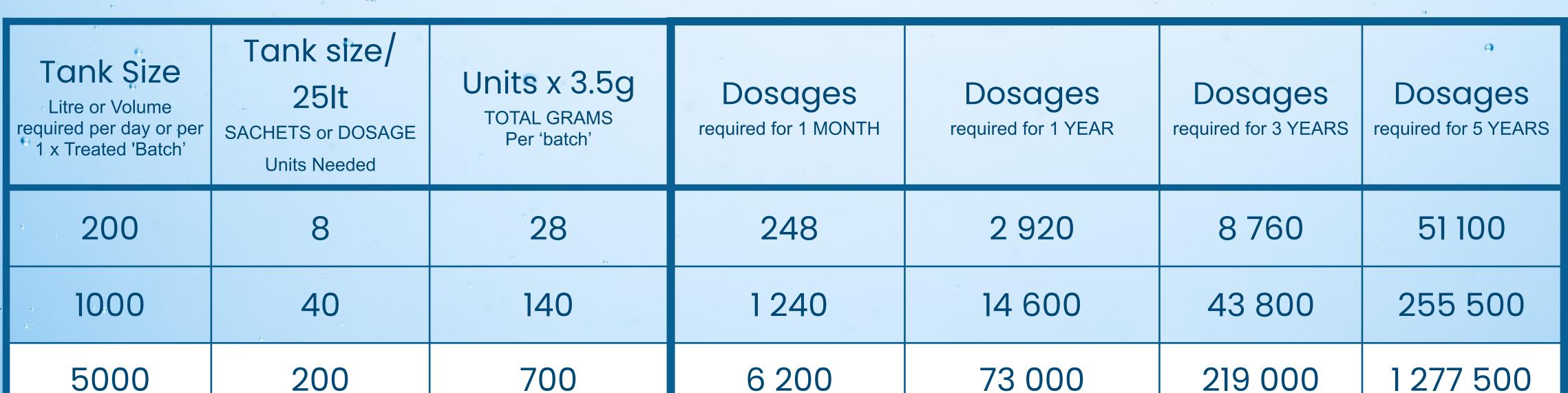


QUANTITY OF DOSES WITHIN AN ORDER

Order O	ption	Total Amount in Grams	Total Litres Treated	Total # of Doses / Order
1000 x so	chets	3 500	25 000	1000
Full Ba 550k		550 000	27 500 000	157 143
1/2 Bar 250k		250 000	1964286	78 571
1 x 25kg b	oucket	25 000	178 571	7 143

RUBICON DOSAGE CHART

Number of doses required for a single tank or 'batch' treatment, and over time can be scaled up to as many litres a site would required, every hour.



^{*}The SANS 241 & World Health Organisation drinking water standards are met by treating water with Rubicon purifying powders. A 30I raw water test sample is required, to ensure the system will produce compliant water.

