

Swami Valmiki Sreenivasa Ayyangarya, informs that **Guruvani White** is an Ayurvedic Medicine and is recommended for human intake.

It acts also as a **cleanser on water bodies, tanks** etc which store water at a quality meant for supply through public departments at metros in India. The contaminants do not affect humans, animals and plants, if consumed as drinking water, after being in contact with Guruvani White at least for 24 hours.

What happens may or may not be explained by conventional sciences. It is clear to Swami Valmiki however, who is well versed in Ayurveda of humans, animals and also plants. These are part of ancient Indian Vedic Sciences.

Explanatory text in trying to bridge the unknown between what is science today and what used to be known in Ancient India

May I make this suggestion for sanitizing basic public water supplies to targeted recipients in urban and rural areas, get the benefit of water which is cleaned in a different manner with added benefits. If the residential premises have Reverse Osmosis / Membrane filtration (through molecular sieves) systems (popularly known as R.O. systems) already installed, they can continue to use them. The water is treated first at the overhead tank / underground sump level as convenient, before being treated with R.O. for drinking water purposes.

The treated water, if used in toilet flushes helps to sanitize them better, leading to less or no odour. The sewage created also is sanitized at source without toxic chemicals and will cause less pollution in water bodies, rivers like Yamuna, Ganga, Bay of Bengal and Arabian Sea.

He also offers **separate solutions for sewage treatment**, where the treated sewage is rendered safe and odour free with **inactive sludge** which can be used along with the **treated grey water** for gardening and horticulture and **farming purposes, with great advantages**.

Metros, townships get piped water supplies which are cleaned and purified, based on known sciences and applied technologies. However since **the water is still not clean enough** for drinking purposes as intended, it has necessitated clean ups at household levels with expensive equipment like R.O / membrane filtration systems, which also need periodic refurbishing of components and some consumables.

As per WHO standards, water needs Total Dissolved Solids / Salts (TDS) like calcium in about 100 parts per million (PPM). Most small domestic R.O systems, including popular models sold, have a feedback loop with a small tube, feeding a small portion of the reject stream back into the treated drinking water. WHO opines that low TDS of salts like calcium in human intake of water, tends to leach minerals from the human bodies, leading to severe complications. Human bodies have evolved like that. Toxins like Nitrates slip through most membranes. Ultra Filtration leads to a high proportion of water lost in reject stream, which is wastefully drained off. Part of this information was featured in a useful study conducted by Centre for Science and Environment, long ago.

It has been pointed out by scientists like **Dr Uday Shankar Bhawalkar of BERI Pune** that in tropical climates like India, water supplies need to ensure **even less dissolved nitrates** to ensure that they don't become **food for pathogens** which include disease causing bacteria and viruses. www.wastetohealth.com **Merely killing these pathogens with say, UV lamps radiation, does not help**, since water can still get contaminated after such "cleaning by killing pathogens" but letting the substrate, the pathogens feed on, remain in the water in an assimilable form for them. Similarly, chlorination, which remains the low cost resort of "cleaning by killing pathogens" for public water supplies in India, is toxic. The chlorine gas dissolved in such water supplies is highly toxic for humans, animals and plants. At the household level, it is sought to be removed by using activated carbon filtration through **adsorption**. This adds to overall costs, never mind who pays!

The scientist named **Swami Valmiki Sreenivasa Ayyangarya** has developed **Guruvani White** which has the very elegant properties to clean such water supplies to townships. Its functionality is similar to that of a classification called as **Bio-catalyst**, although it may strictly speaking not fit the categorization, since Guruvani has been developed by this scientist using **Vedic Sciences**, which differ even in material sciences, at the fundamental level.

The product is available in initial limited quantities on a cost to cost basis, with no intermediary and add on margins.

What it is intended for: By being continuously kept in contact with the stored water supply in a clean tank, underground sump or clean vessel, it makes the water safer for drinking purposes. Its use in bathing, cooking, washing clothes and toilet flushing helps in human and animal as well as plant health and sanitation measures and results in a cleaner environment, overall. **It reduces breeding of disease causing pathogens and pests, including mosquitoes. I have personally experienced this, while sleeping at sites with big ponds and /or lakes, treated with Guruvani white by Swami Valmiki.**

Toilets are sanitized when the overhead water tank is treated with a Guruvani White and rendered comparatively odour free, without need for additional measures. For example, use of air fresheners, acids and alkalis for cleaning toilets gets reduced, except to remove stains. This is also the experience I have had over several years after starting use of Guruvani White treatment to overhead tank water.

Toxic phenyl need not be used to "sterilize" floors while swabbing them with a mop.

This has important implications to hospitals but it needs official acceptance and recognition. **Dr Uday Shankar Bhawalkar** with his **Biosanitizer** has also demonstrated the correct and proper way of sanitization through his Biosanitizer and even hospital bio medical wastes have been successfully treated to become pathogen free by simple sprinkling of Biosanitized water. It was not a one off experiment, but practiced successfully over many years **These two technologies developed by scientists in India, needs to be added to the Official legislation governing proper management of such hazardous wastes, which already has the provision to add new technologies and methods developed in future, after its enactment.**

This helps create a toxic free or comparatively cleaner environment. Household Insecticides / Pesticides need less or **no applications, similar in concepts of organic farming, which is environment friendly.** I don't throw out or kill house lizards which eat their share of insects at the house. Biodiversity is not only applicable to nature but also holds true in man made habitats created for humans and animals, house plants, and the many other life forms living in that habitat of gardens and parks.

Since the functionality is similar to that of a catalyst, **Guruvani White is expected to last many years, if used and handled correctly.** Already many applications have reported satisfactory results over the years, since its invention.

Guruvani White is supplied in minuscule milligram size quantities, is very fragile and delicate and therefore comes packed in a **hand made closed containment bundle** having some ballast stone to help it sink into water immediately on dangling it and having a fairly long cotton thread to dangle it in a water tank or large vessel, so as to be kept in contact with water level, at lower levels also.

This Guruvani white with packing has been tested for at least two years by self at my third floor flat and terrace above with water tanks and a small garden in potted plants and extensively for a far longer period, about a decade and half, by Swami Valmiki in different locations across India with varied climate conditions and has worked consistently and satisfactorily.



A photo of the **Guruvani White** resting on a black background (Manak Solar PV Inverter 50 Watt capacity). This was taken in 2013.

Touch wood, **I have enjoyed moderately good health** except for usual common cold, allergic bronchitis, stomach upset, etc at my home, by using Guruvani treated water as drinking water, and for **washing pesticide laden vegetables and fruits, cooking food, bathing, washing clothes and utensils!**

Guruvani treated water also helps **plants to grow well** and helps in stabilization of organic matter and debris on soil to turn into a **rich soil amendment**. This helps garden and farm soil to have more organic matter and improve soil fertility, water retention capacity, needing less water for watering / irrigation.

Hibiscus in a roof top garden New Delhi, April 2015



In households, habitations like housing societies, gardens and parks, the Guruvani White treated water helps make compost or **stabilized organic bio solids** from kitchen wastes and horticultural wastes. Hence, compost bins can be kept moist with Guruvani White treated water to help make rich organic compost or stabilized organic matter which is an excellent soil amendment.

Stabilization also means less to zero GHG emissions like CO₂, CH₄, H₂S gases from aerobic and anaerobic fermentation of organic bio solids. This translates into emission reduction, if used on a large scale and as standard practice, contributing to GHG emission reduction at a national level.

There are no product guarantees or manufacturer warranties.

We offer a simple solution in good faith and have experienced good results over a long period of large scale applications. Testing, certification, guarantees, referrals, advertisements (with Super Models in TV and other audio visual channels, print media, **add to costs** and legal issues which we want to side step, not with any vested interest but taking a simple approach in good faith.

Guruvani is non toxic and has no known harmful effect, unlike current practice of chlorination of drinking water supplies, which is harmful. R.O reject streams can cause harmful effect on soils since they concentrate the toxins and salts. **We feel that with this simple treatment, R.O /membrane filtrations is unnecessary and the technology is redundant.** Hence, this is a small step towards individual, community and national level participation in an effort to develop greener practices and help avoid global warming also.

Santhanam R. New Delhi, India

http://www.researchgate.net/profile/Santhanam_R
<https://www.linkedin.com/in/santhanamr>

<http://en.heartfulness.org/experience-heartfulness/#>
 Land Line: 91 11 29983668 Mob: 91 9871051842