

## ECOCLEAN-2300 FOR WASTE WATER TREATMENT

- Ecoclean-2300 is a unique water treatment formulation developed by **ECOHEALTH PRODUCTS PVT LTD**, India.
- The product is totally plant based containing extracts of (**Moringa olifera**), **Neem (Azadirachta indica)**, **Basil (Occimum sanctum)** and **Cleaning nut (Strychnos potatorum)** blended together by an organic solvent. **Moringa** and **Cleaning Nut** extracts act as flocculating agents. **Neem** is a wonderful bactericide. **Basil** is a great oxygenator.
- It is totally non-toxic and safe to use.
- Used at very low dosages of 50 ppm (50 ml for 1000 litres), it causes flocculation and sedimentation of sludge and also kills harmful bacteria including fecal coliforms and E-coli, bringing the water to potable grade after filtration with sand and carbon filters.
- The treated water has low BOD and COD; it does not have an offensive odour; it is clear and has low TSS; it contains no harmful salts and conforms to all the standard parameters for re-usable grade water set by the World Health Organisation and the Central Pollution Control Board of India.
- Extremely cost-effective, with the **Reagent Cost = Unit Cost (Wastewater Treatment + Recycled Water)** working out to less than **0.00064£** per litre of sewage.
- Allowing for the mental block to drinking treated sewage water, this water can be used for all secondary purposes like :
  - Flushing
  - Washing of vehicles and pathways
  - Washing and swabbing of floors
  - Gardening and irrigation
  - Construction
  - Industrial uses such as boiler coolant
  - AC Plants, etc

- The dosing process is extremely simple and can be built into existing STPs with minimal infrastructural changes. It can also be designed as an exclusive Eco-Tec Process design which will cost less than half of the conventional treatment plant.
- The technology is non-power intensive and does not require 24/7 aeration.
- It is a technology that enables reclamation of more than 95% of waste water
  - A Green Technology that is a solution for the looming fresh water crisis confronting the world.