

CWA – Recycled Water Additive

A unique and specially formulated concentrate, developed to create an ecological product for the reduction / removal of petroleum hydrocarbons, successfully and cost-effectively reducing odours, and pumping frequency of recycled wash wastewater.

OVERVIEW

In a recycle wash wastewater, petroleum-based degreasing formulations, washing agents, dirt/dust particles and traffic grime contribute to the origin of organic pollutants, especially aromatic compounds. Some aromatic compounds (e.g. benzene) are harmful to humans and the environment; therefore, remediation or removal of the pollutants is necessary in order to stop foul odours developing.

microbial blends have been used for years to successfully control odours in high traffic area such as washrooms, animal waste lagoons, and grease traps. The scientifically selected, non-pathogenic class 1, spore-forming *Bacillus* strains found in CWA will reduce odour by digesting malodorous compounds and will competitively exclude the odour-causing bacteria in the system.

Application

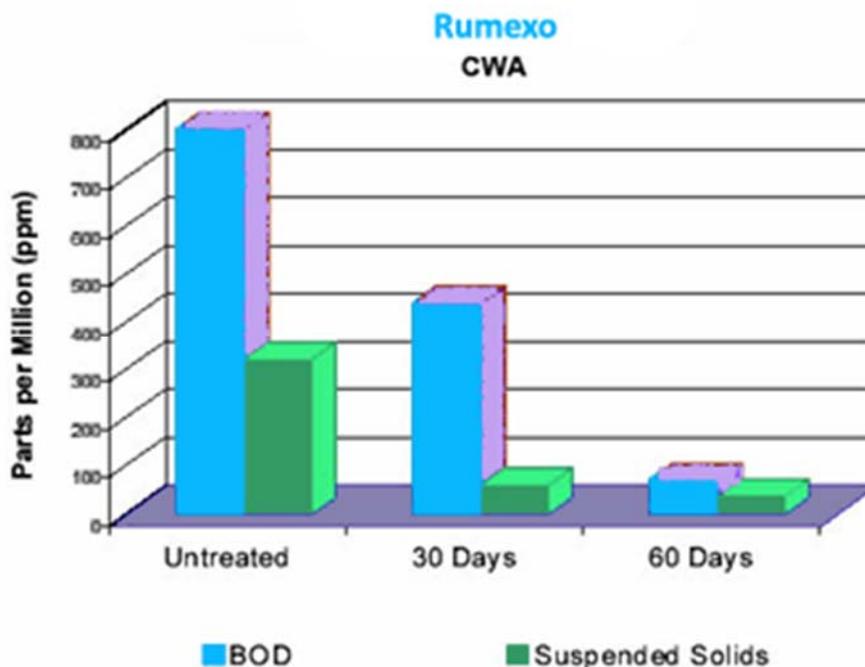
CWA is an aqueous, non-solvent based environmentally friendly solution to help reduce or eliminate foul odours from recycled wash water systems such as car, bus truck washes etc.

CWA the concentrated formula is ready-to-use and can be doses at between 100ml to 500ml per day into most recycle units up to 30m³

CWA is designed to improve the quality of the wash water, reduce foul odours and lengthen pump out frequencies.

TECHNICAL INFORMATION

The product is a water-based liquid that consists of highly biodegradable surfactants, builders and selected bacterial cultures. The surfactant combination makes the oils and other hydrocarbons and organics readily available to the bacteria, encouraging biodegradation, and resulting in a very effective cleaning and odour control programme.



APPLICATIONS

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| Grey water storage tanks | Reduce or eliminate foul odours often associated with these storage tanks |
| Car/ Bus/ Truck/Train wash recycle water tanks | Improve water cleanliness and reduce gulp-out frequencies. Reduce H2s and other foul odours |



BENEFITS

- Helps keep recycled water cleaner for longer, reduces black discolouration of water.
- Reduces or eliminates foul odours such as Hydrogen Sulphide.
- Reduced or removes hydrocarbon from water.
- Reduce sludge build-up resulting in less frequent pump-outs.
- Improves the working environment particularly in enclosed wash systems i.e. wash systems inside depots etc.

DIRECTIONS FOR USE

The product is designed to be dosed into the recycled water tanks daily, as a rough guide a rate of 30 to 40ml per cubic metre of tank volume, however local conditions may require adjustments, a recommended minimum dose of 250ml should be used for tanks up to 10m³ and 500ml daily for tanks up to 30m³. CWA should be injected daily as a single dose via a peristaltic pump or similar dispenser to ensure daily continuity of dosing.

SUMMARY

CWA; this unique formulations containing a blend of specially selected *Bacillus* strains will help accelerate organic waste digestion in carwash reclaim pits, thus allowing the bacillus strains to readily degrade the organics.

This highly concentrated product will work well across a number of different recycled washer applications e.g. Train, Car Truck, Bus etc.

CWA will successfully and cost-effectively reduce odours; petroleum hydrocarbons and sludge build-up resulting in less pumping out of recycle wash wastewater tanks.

Improve the quality of the wash water and the enclosed environment

