



Carbon Footprint Solutions Pty Ltd

“ little steps....BIG impressions”

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Technical Data Sheet

PRODUCT: CFS-MTA 01 POWDER (Multi-Tasking Agent)

DESCRIPTION:

CFS-MTA 01 provides a composition for efficiently and effectively removing waste water particles and suspended solids in waste water or sludge by enhancing the binding and efficiency contact between the composition and the waste water particles. It provides a cost effective composition for treating waste water which is able to reduce production of sludge and has a shorter retention time.

CFS-MTA 01 relates to a composition for treating wastewater and/or tailings waste comprising of several 100% natural elements blended in specific proportions to create a unique and patented powder-like reagent.

CFS-MTA 01 works on the principle of ionic conversion of wastewater particles wherein the waste water particles are converted into negatively charged ionic compounds by the composition. As ionic compounds are usually formed from a metal combining with a non-metal, they have opposite charges and will attract each other to form a new compound.

The colloidal particles in the wastewater may have electrical properties which prevent agglomeration and settling. **CFS-MTA 01** is introduced to the wastewater to neutralise the electrostatic charge so to induce flocculation and precipitation. This ensures the agglomerated settlement as a result from the reaction between the composition and the waste water particles can be handled properly. **CFS-MTA 01** differs from the existing chemicals used in that the composition is of natural minerals freely available from nature and is organic in nature. As the composition is natural occurring, there will be a minimal or zero side-effect from its usage to humans, animals and living things.

SPECIFICATIONS:

Classification:	Solid (Powder)
Colour:	White Grey
Odour:	Odourless
Flash Point:	Not Flammable
Boiling Point:	> 100°C
Solubility in Water:	Perfect Dissolution

Biodegradable: 100%

HMIS Rating: Health Hazard – 2; Fire Hazard – 0; Reactivity – 0; Personnel Protection - E